

# 2023 - 2024 UNDERGRADUATE ACADEMIC CATALOG

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# 2023 - 2024 UNDERGRADUATE ACADEMIC CATALOG

# 2023 - 2024 UNDERGRADUATE CATALOG

# INTRODUCTION

# 2022-2023 Undergraduate Catalog

Russellville, Arkansas www.atu.edu

Arkansas Tech University is dedicated to student success, access, and excellence as a responsive campus community providing opportunities for progressive intellectual development and civic engagement. Embracing and expanding upon its technological traditions, Tech inspires and empowers members of the community to achieve their goals while striving for the betterment of Arkansas, the nation, and the world.

# Accreditation

Arkansas Tech University is accredited by The Higher Learning Commission.

# **Program Accreditations**

Accreditation Commission for Education in Nursing (ACEN)

3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 (404) 975-5000

Accreditation Commission for Programs in Hospitality Administration (ACPHA)

P.O. Box 400 Oxford, MD 21654 (410) 226-5527

American Chemical Society (ACS)

1155 16th Street NW Washington, DC 20036 (202) 872-4600

Association to Advance Collegiate Schools of Business (AACSB International)

777 South Harbour Island Boulevard, Suite 750 Tampa, FL 33602-5730 USA (813) 769-6500

Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) (Health Information Administrator)

C/O AHIMA 233 N Michigan Avenue Suite 2150 Chicago, IL 60601-5800 (312) 233-1131

Commission on Accreditation on Allied Health Education Programs (CAAHEP)

9355 113th St. N. Suite 7709 Seminole, FL 33775 (727) 210-2350

Computing Accreditation Commission of ABET, Inc.

415 North Charles Street Baltimore, MD 21201 (410) 347-7700

Council for the Accreditation of Educator Preparation (CAEP)

1140 19th St NW, Suite 400 Washington, DC 20036 (202) 223-0077

Council for the Accreditation of Emergency Management Education (CAEME) (Emergency Administration and Management)

1589 Skeet Club Road, Suite 102-109 High Point, NC 27265

Council on Accreditation of Parks, Recreation, Tourism and Related Professions (COAPRT)

1401 Marvin Rd, NE STE 307, #172 Lacey, WA 98516 (360)-205-2096

Engineering Accreditation Commission of ABET, Inc.

415 North Charles St. Baltimore, MD 21201 (410) 347-7700

National Association of Schools of Art and Design (NASAD)

11250 Roger Bacon Drive, Suite 21 Reston, VA 20190-5248 (703) 437-0700

National Association of Schools of Music (NASM)

11250 Roger Bacon Drive, Suite 21 Reston, VA 20190 (703) 437-0700

# **National Institutional Memberships**

- American Association of Colleges of Nursing (AACN)
- · American Association of Collegiate Registrars and Admissions Officers (AACRAO)
- American Association of State Colleges and Universities (AASCU)
- American Association of University Women (AAUW)
- American Council on Education (ACE)
- American Historical Association (AHA)
- American Society for Engineering Education (ASEE)
- Association for Institutional Research (AIR)
- Association of Departments of English (ADE)
- Association of Departments of Foreign Languages (ADFL)
- Association of Governing Boards (AGB)
- Council for Adult and Experiential Learning (CAEL)
- Council for Higher Education Accreditation (CHEA)
- Council for Opportunity in Education (COE)
- Council for the Advancement and Support of Education (CASE)
- Council of Colleges of Arts & Sciences (CAH & CNHS)
- Council of Graduate Schools (CGS)
- Council on Hotel, Restaurant and Institutional Education (CHRIE)
- Council on Undergraduate Research (CUR)
- National Association of Student Personnel Administrators (NASPA)
- National Association of University Fisheries and Wildlife Programs (NAUFWP)
- National Collegiate Athletic Association (NCAA)
- National Collegiate Honors Council (NCHC)
- National Council on Rehabilitation Education (NCRE)
- National League for Nursing (NLN)
- National Recreation and Park Association (NRPA)

# **Enrolling In College**

Students are urged to acquaint themselves with this catalog thoroughly. It sets forth policies and procedures for enrolling and successfully completing the various programs of study.

The basic responsibilities of selecting a major field, enrolling in the prescribed courses of study in the field, and complying with the University's requirements for graduation rest with the student; however, University personnel will assist the student with problems encountered. Further assistance is offered in the form of capable departmental advisors, a full-time guidance and counseling service, and an appropriate graduation check list to serve as a reminder of the various graduation requirements.

# **For More Information**

General Information	(479) 968-0389
Academic Advising Center	(479) 964-0843
Academic Affairs Office	(479) 968-0319
Admission Office	(479) 968-0343
Alumni Office	(479) 968-0242
Director of Athletics	(479) 968-0345
Administration and Finance Office	(479) 968-0300
Controller Office	(479) 968-0583 ext. 2300
Counseling Office	(479) 968-0329
Disabilities Coordinator	(479) 968-0302
	TDD (479) 964-3290
Financial Aid	(479) 968-0399
	TDD (479) 968-0224
Graduate College	(479) 968-0398
Health and Wellness Center	(479) 968-0329
President's Office	(479) 968-0228
Public Safety	(479) 968-0222
Registrar's Office	(479) 968-0272
Student Accounts	(479) 968-0271
Student Affairs	(479) 968-0239
University Testing Center	(479) 968-0302
Student Housing	(479) 968-0376
Tucker Coliseum	(479) 968-0337

<sup>\*</sup>The provisions of this catalog are subject to change without notice and do not constitute an irrevocable contract between any student and Arkansas Tech University.

# **Equal Opportunity Employment**

Arkansas Tech University will provide equal opportunity in employment to all persons. This applies to all phases of the personnel process, including recruitment, hiring, placement, promotion, demotion, separation, transfer, training, compensation, discipline, and all other employment terms, conditions, and benefits. Arkansas Tech University prohibits discrimination based on race, color, religion, national origin, sex, sexual orientation, gender identity, age, disability, genetic information, or veteran status.

Arkansas Tech University will provide a copy of this policy to all applicants for employment. All faculty and staff will be notified annually of the policy. Further, Arkansas Tech University will consider through a designated grievance procedure, the complaints of any person who feels that he or she has been discriminated against on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, age, disability, genetic information, or veteran status.

# Affirmative Action

Arkansas Tech University will have an Affirmative Action Plan that contains a set of specific and result-oriented procedures to apply every good faith effort to achieve prompt and full utilization of minorities, women, those with disabilities or veterans at all levels and all segments of its workforce where deficiencies exist. Additionally, Arkansas Tech University will continually monitor and evaluate its employment practices to ensure that they are free of bias or discrimination based upon race, color, religion, national origin, sex, sexual orientation, gender identity, age, disability, genetic information, or veteran status.

A copy of the Affirmative Action Plan, including specific responsibilities and provisions for implementation and compliance, will be made available upon request.

Responsibility for implementation and compliance with this Affirmative Action policy has been delegated to the Affirmative Action officer, Melissa Riffle who can be reached by emailing affirmative.action@atu.edu or calling 479-964-0583 ext. 2200.

Arkansas Tech University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, age, disability, genetic information, or veteran status in any of its practices, policies, or procedures. This includes, but is not limited to, employment, admissions, educational services, programs or activities which it operates, or financial aid.

Arkansas Tech University complies with all applicable state and federal laws including, but not limited to, Title VI and Title VII of the Civil Rights Act of 1964 as amended, Title IX of the Educational Amendments of 1972, Section 503 of the Rehabilitation Act of 1973, Section 504 of the Rehabilitation Act Amendments of 1974, Age Discrimination Act, Vietnam Era Veterans Readjustment Assistance Act, Uniformed Services Employment and Reemployment Act, the Civil Rights Restoration Act of 1987, the Americans with Disabilities Act of 1990, and the Civil Rights Act of 1991. Responsibility for implementation and compliance with this Non-Discrimination Policy has been delegated to Christina Stolarz, Affirmative Action officer.

It is the policy of Arkansas Tech University to maintain the University Community as a place of work and study for staff, faculty, and students free of harassment, to include sexual and gender harassment and all forms of sexual intimidation and exploitation. All students, staff, and faculty should be aware that the University is both concerned and prepared to take action to prevent and correct such behavior. The determination of what constitutes sexual harassment will vary with the particular circumstances, but it may be described generally as unwanted sexual behavior, such as physical contact and verbal comments or suggestions which adversely affect the working or learning environment of others. Anyone who is subjected to offensive sexual behavior is encouraged to pursue the matter through the established informal or formal grievance procedures. Generally, the informal procedures afford an opportunity to explore a problem and consider alternative means for its resolution.

#### **Annual Budget / Financial Report**

A copy of the annual budget is available in the Ross Pendergraft Library and Technology Center. A copy of the annual financial report is available from the Office of the Vice President for Administration and Finance in Room 202 of the Administration Building.

# ACADEMIC CALENDAR

NOTE: The fall and spring dates below pertain to full-term courses, eight-week courses, and certain mini-term courses. The summer dates pertain to the stated summer sessions. The calendar for other condensed courses may differ from what is printed below. Please reference the Condensed Courses -Registration, Drop, and Refund Dates Form (https://generalssb-prod.ec.atu.edu/BannerExtensibility/customPage/page/pbs9date\_pg\_displayForm) for course and term definitions and pertinent Academic Calendar dates for courses not conforming to the beginning and ending dates outlined below.

\*Holidays noted are for face-to-face classes. For web-based courses, assignment due dates may fall on a holiday.

Spring Term Opens - January 3, 2023 (dates ar	e subject to change)
Spring Term - January 9, 2023 to May 2, 2023	
Registration	January 3 - 6
Classes begin	January 9
Last day to officially withdraw/drop courses with full reduction of tuition and fees	January 13
Last day to register and add courses/change sections	January 13
Martin Luther King Day holiday*	January 16
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	January 24
Deadline for degree audit (transcript evaluation), May 2024 graduates	February 24

Late registration for May session	May 8
May Summer Session – May 8, 2023 to May 26, 2023	
Summer Term - May 8, 2023 to August 2, 2023 (dates are se	ubject to change)
Second eight-week session ends	May 2
Last day to drop courses with a "W" or change from credit to audit	April 24
Spring holidays*	7:00 a.m., March 20- 7:00 a.m., March 27
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	March 15
Last day to register and add courses/change sections	March 10
Last day to officially withdraw/drop courses with full reduction of tuition and fees	March 10
Classes begin	March 8
Late registration for second eight-week session	March 8
Spring Term - Second Eight-Week Session	
First eight-week session ends	February 28
Last day to drop courses with a "W" or change from credit to audit	February 20
Martin Luther King Day holiday*	January 16
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	January 11
Last day to register and add courses/change sections	January 6
Last day to officially withdraw/drop courses with full reduction of tuition and fees	January 6
Classes begin	January 4
Late registration for first eight-week session	January 4
Spring Term - First Eight-Week Session	may c
Russellville Campus Undergraduate	May 6
Ozark Campus  Graduate College	May 4  May 5
Graduation	
End of course examinations (see exam week schedule)	7:00 p.m., April 26– 9:00 p.m., May 2
Reading Day	8:00 a.m.–5:00p.m., Wednesday, April 26
Students follow regular Wednesday class schedule	Tuesday, April 25
Students follow regular Monday class schedule	Monday, April 24
Last day to drop courses with a "W" or change from credit to audit	April 14
Spring holidays*	7:00 a.m., March 20- 7:00 a.m., March 27

Classes begin	May 8	
Last day to officially withdraw/drop courses with full reduction of tuition and fees	May 8	
Last day to register and add courses/change sections	May 8	
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	May 10	
Last day to drop courses with a "W" or change from credit to audit	May 22	
May session ends	May 26	
May/June Summer Session (dates are	subject to change)	
May 30, 2023 to June 29, 2023		
Memorial Day holiday*	May 29	
Late registration for June/July session	May 30 - 31	
Classes begin	May 30	
Last day to officially withdraw/drop courses with full reduction of tuition and fees	May 31	
Last day to register and add courses/change sections	May 31	
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	June 5	
Last day to drop courses with a "W" or change from credit to audit	June 23	
June/July session ends	(Thursday) June 29	
10-Week Summer Session (dates are	subject to change)	
May 30, 2023 to August 2, 2023		
Memorial Day holiday*	May 29	
Late registration for 10-Week session	May 30 - June 2	
Classes begin	May 30	
Last day to officially withdraw/drop courses with full reduction of tuition and fees	June 2	
Last day to register and add courses/change sections	June 2	
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	July 8	
Last day to drop courses with a "W" or change from credit to audit	July 20	
10-Week session ends	(Wed) August 2	
July/August Summer Session (dates are	subject to change)	
July 3, 2023 to August 2, 2023		
Late registration for July/August session	July 3 - 5	
Classes begin	July 3	
Fourth of July holiday*	(Tuesday) July 4	
Last day to officially withdraw/drop courses with full reduction of tuition and fees	July 5	

Last day to register and add courses/change sections	July 5		
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	July 10		
Last day to drop courses with a "W" or change from credit to audit	July 28		
July/August session ends	(Wed) August 2		
Fall Term Opens - August 14, 2023 (dates are	e subject to change)		
Fall Term - August 23, 2023 to December 12, 2023			
Selected fall activities	August 14 - 22		
Registration	August 14 - 22		
Classes begin	August 23		
Last day to officially withdraw/drop courses with full reduction of tuition and fees	August 29		
Last day to register and add courses/change sections	August 29		
Labor Day Holiday*	September 4		
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	September 7		
Fall Break	October 5 - 6		
Mid-Term	October 11		
Deadline for applying for graduation, December 2024 graduates	October 13		
Early registration for spring semester	October 23 - December 5		
Last day to drop courses with a "W" or change from credit to audit	November 22		
Thanksgiving holidays*	7:00 a.m., November 22 - 7:00 a.m., November 27		
Students follow regular Monday class schedule	Monday, December 4		
Students follow regular Wednesday class schedule	Tuesday, December 5		
Reading Day	8:00 a.m. – 5:00 p.m., Wednesday, December 6		
End of course examinations (see exam week schedule)	7:00 p.m., December 6 – 9:00 p.m., December 12		
Graduation			
Graduate College	December 15		
Russellville / Ozark Campus Undergraduate	December 16		
Fall Term - First Eight-Week Session			
Late registration for first eight-week session	August 16		
Classes begin	August 16		
Last day to officially withdraw/drop courses with full reduction of tuition and fees	August 18		
Last day to register and add courses/change sections	August 18		
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	August 23		
Labor Day holiday*	September 4		

Last day to drop courses with a "W" or change from credit to audit	October 2
First eight-week session ends	October 10
Fall Term - Second Eight-Week Session	
Late registration for second eight-week session	October 18
Classes begin	October 18
Last day to officially withdraw/drop courses with full reduction of tuition and fees	October 20
Last day to register and add courses/change sections	October 20
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	October 25
Thanksgiving holidays*	7:00 a.m., November 23 - 7:00 a.m., November 27
Last day to drop courses with a "W" or change from credit to audit	December 4
Second eight-week session ends	December 12
Winter Intersession December 18, 2023 to January 5, 2024 (dates are subject to change	
Late registration for winter intersession	December 18
Classes begin	December 18
Last day to officially withdraw/drop courses with full reduction of tuition and fees	December 18
Last day to register and add courses/change sections	December 18
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	December 20
Christmas Day holiday*	December 25
New Year's Day holiday*	January 1
Last day to drop courses with a "W" or change from credit to audit	January 1
Winter intersession ends	January 5

Spring Term Opens - January 8, 2024 (dates are	e subject to change)
Spring Term - January 16, 2024 to May 7, 2024	
Registration	January 2 - 12
Martin Luther King Day holiday*	January 15
Classes begin	January 16
Last day to officially withdraw/drop courses with full reduction of tuition and fees	January 22
Last day to register and add courses/change sections	January 22
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	January 30
Mid-term	March 4
Deadline to apply to graduate, May 2025 graduates	March 8
Early registration for summer and fall semesters and winter intersession	March 1 - April 30

Spring holidays*	7:00 a.m., March 18- 7:00 a.m., March 25
Deadline to graduate, summer 2025 graduates	March 29
Last day to drop courses with a "W" or change from credit to audit	April 19
Students follow regular Monday class schedule	Monday, April 29
Students follow regular Wednesday class schedule	Tuesday, April 30
Reading Day	8:00 a.m5:00p.m., Wednesday, May 1
End of course examinations (see exam week schedule)	7:00 p.m., May 1– 5:30 p.m., May 7
Graduation	
Ozark Campus	May 9
Graduate College	May 10
Russellville Campus Undergraduate	May 11
Spring Term - First Eight-Week Session	
Late registration for first eight-week session	January 10
Classes begin	January 10
Last day to officially withdraw/drop courses with full reduction of tuition and fees	January 12
Last day to register and add courses/change sections	January 12
Martin Luther King Day holiday*	January 15
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	January 17
Last day to drop courses with a "W" or change from credit to audit	February 26
First eight-week session ends	March 5
Spring Term - Second Eight-Week Session	
Late registration for second eight-week session	March 13
Classes begin	March 13
Last day to officially withdraw/drop courses with full reduction of tuition and fees	March 15
Last day to register and add courses/change sections	March 15
Spring holidays*	7:00 a.m., March 18- 7:00 a.m., March 25
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	March 20
Last day to drop courses with a "W" or change from credit to audit	April 29
Second eight-week session ends	May 7

# Summer Term-May 13, 2023 to August 7, 2024 (dates are subject to change)

May Summer Session – May 13, 2024 to May 31, 2024	
Late registration for May session	May 13
Classes begin	May 13
Last day to officially withdraw/drop courses with full reduction of tuition and fees	May 13
Last day to register and add courses/change sections	May 13
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	May 15
Memorial Day holiday*	May 27
Last day to drop courses with a "W" or change from credit to audit	May 28
May session ends	May 31
June/July Summer Session (dates are	subject to change)
June 3, 2024 to July 4, 2024	
Late registration for June/July session	June 3 - 4
Classes begin	June 3
Last day to officially withdraw/drop courses with full reduction of tuition and fees	June 4
Last day to register and add courses/change sections	June 4
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	June 7
Last day to drop courses with a "W" or change from credit to audit	June 27
June/July session ends	(Wednesday) July 3
Fourth of July holiday*	(Thursday) July 4
10-Week Summer Session (dates are	subject to change)
June 3, 2024 to August 7, 2024	
Late registration for 10-Week session	June 3 - 6
Classes begin	June 3
Last day to officially withdraw/drop courses with full reduction of tuition and fees	June 6
Last day to register and add courses/change sections	June 6
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	July 12
Last day to drop courses with a "W" or change from credit to audit	July 20
10-Week session ends	(Wed) August 7
July/August Summer Session (dates are	subject to change)
July 8, 2024 to August 7, 2024	
Late registration for July/August session	July 8 - 9
Classes begin	July 8

Last day to officially withdraw/drop courses with full reduction of tuition and fees	July 9
Last day to register and add courses/change sections	July 9
Last day to officially withdraw/drop courses with 80 percent reduction of tuition	July 12
Last day to drop courses with a "W" or change from credit to audit	August 1
July/August session ends	(Wed) August 7

# ADMINISTRATION AND FACULTY

# **Board of Trustees**

Jim Smith, Fayetteville Len Cotton, Dardanelle Bill Clary, Conway Michael Lamoureux, Russellville Stephanie Duffield, Russellville

# **Administrative Officers**

Russ Jones, 2020, President B.S., Arkansas State University, 1982; M.S., Arkansas State University, 1984; Ph.D., University of Texas-Arlington, 1992.

Julie Furst-Bowe, 2022, Vice President for Academic Affairs B.A., University of Wisconsin, Eau Clair;

M.S., University of Wisconsin-Stout;

Ed.D., University of Minnesota.

Laury Fiorello, 2020, Vice President for Administration and Finance B.S., John Brown University, 2003;

M.B.A., Arkansas Tech University, 2019.

Jason L. Geiken, 2020, Vice President for Advancement B.A., Baptist College of Florida, 2004; M.B.A., Iowa State University, 2011.

Keegan Nichols, 2017, Vice President for Student Affairs B.S.E., University of Central Arkansas, 2001;

M.S., University of Central Missouri, 2003;

Ed.D., Northern Illinois University, 2010.

# **Administrative Staff**

#### **Academic Affairs**

**Academic Affairs** 

Lisa Clark, Director of Online Partnership and Military Outreach Andrea Eubanks, Academic Services Coordinator Tanya Martin, Academic Budget Coordinator

Arkansas Governor's School (AGS)

Peter Dykema, Co-Director Jacob Grosskopf, Co-Director

Arkansas Small Business and Technology Development Center (ASBTDC)

Ronda Hawkins, Director

Matt Lundy, Training Specialist and Business Consultant

#### **Assessment and Institutional Effectiveness**

Christine Austin, Director Amanda Gardner, Assessment Specialist

#### **CCAMPIS Program**

Lois Kimbriel, Director

**Center for Excellence in Teaching and Learning (CETL)** 

Hanna Norton, Assistant Director

Center for Undergraduate Research

Nate Chapman, Director

**College of Business** 

Angela Bell, Coordinator of Student Engagement Cass Capen-Housley, Event Coordinator for Hospitality Administration

#### **Graduate Student Services**

Samantha Meeks, Coordinator of Graduate Recruitment Michan Rule-Chowritmootoo, Coordinator of Graduate Student Services

#### Library

Eric Rector, Director Angela Bleack, Technical services Librarian Stephen Blackford, Interlibrary Loan Assistant Cindy Downs, Reference Assistant Slade Dupuy, Circulation Supervisor Vonda Dvo#ák,Systems Assistant Fran Ferris, Circulation Assistant Carol Hanan, Electronic and Continuing Resources Librarian Luke Heffley, Special Projects Jennifer Lewter, Reference Assistant Lowell Lybarger, Multimedia Librarian Charity Park, Digital and Special Collections Librarian Karl Rozyn, Archives Assistant Sherry Tinerella, Public Services Librarian Philippe Van Houtte, Systems Librarian Jamie Williams, Technical Services, Cataloger

## **Military Science**

CPT Larry Boggs, Assistant Professor CPT Julio Standridge, Assistant Professor MSG Travis Surber, Instructor/NCOIC Mr. Stephen White, Senior Instructor (Contractor) MSG Traye McCool, Instructor (Drilling Reservist) SFC John Reinold, Military Career Counselor

#### **Online Center**

Weiwei Ji, Instructional Design Specialist Mark Mitchell, Instructional Design Specialist Brittany Reves, Academic Advisor/BPS Program Ken Teutsch, Instructional Design Specialist

# Registrar's Office

Tammy Weaver, Registrar

Brandi Tripp, Senior Associate Registrar

Mackenzie Bray, Assistant Management Analyst

Dalton Brock, Assistant Registrar

Justin Clark, Assistant Registrar

Brandi Duvall, Coordinator of Degree Audit Process

Hollie Gillispie, Assistant Registrar

Connie Herring, Coordinator of Registrar Operations

Tanda Patrick Morrison, Coordinator for Transfer Transcript & Transfer Articulation

Julia Pope, Assistant Registrar

Michelle Price, Coordinator of Graduate Award Process

Shanteal Scott, Assistant Registrar

Alexis Scrimshire, Associate Registrar

Gadsana Vilavanh, Assistant Registrar

#### **Sponsored Programs**

Janet Wood, Director

#### **Student Support Services**

Nichole Edwards, Director Lindsey Riedmueller, Assistant Director Sarah Hickman, Teacher Prep Advisor Hailey Kendrick, Advisor Desiree Wait, Records Management Analyst

**Study Abroad** 

Gabriele Haulmark, Coordinator

**Tech Learning Center** 

Scott Tomlin, Coordinator

**University Honors** 

Georgeanna Wright, Director

# **Upward Bound**

Jill Hendricks, Director Shawna Davis, Target School Liason Annie McNeely, Target School Liason Lauren Pipkin, Target School Liason

#### **Veteran's Upward Bound**

Kristie Canada, Director Ashlynn Hall, Administrative Specialis Cole Hendrix, Coordinator of Veterans Outreach and Services Allison Sims, Academic and Career Advisor

#### **Administration and Finance**

# Budget

John Joyner, Director R. Matt Fraser, Assistant Budget Director

#### Controller's Office

Suzanne McCall, Controller Katy Ehemann, Associate Controller

#### **Facilities Management**

**Drew Dickey,** Director **Joel Arivett,** Assistant Director

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#### **Human Resources**

Melissa Riffle, Director

#### Office of Information Systems

Steve Milligan, Director and CIO Alex Manly, Director of Technology Learning Resources

**Payroll** 

Wendy Condley, Manager

#### **Procurement and Risk Management**

Jessica Holloway, Director of Procurement and Risk Management Services Jennifer Warren, Assistant Director of Procurement and Risk Management Services

#### **Student Accounts**

Angela Crow, Director Deborah Brady, Assistant Director

#### **Testing Services**

Ashlee Leavell, Assistant Dean for Student Wellness/Deputy Title IX Coordinator Natasha Branch, Coordinator of Testing Services

#### Advancement

#### **Advancement Services**

Bryan Fisher, Associate Vice President for Development Amy White Anderson, Director of Athletic Development Peggy Ayers, Director of Gift Planning Ashley Bryant, Director of Grants and Donor Relations Josh Clem, Director of Development Pam Cooper, Director of Prospect Research and Annual Giving Brent Drake, Director of Advancement Services Lisa Harris, Fiscal Support Analyst Samantha Huggins, Coordinator of Alumni Engagement Caroline Kitchens, Director of Alumni Relations Durena Long, Endowment Financial Analyst Alisha Williams, Director of Corporate and Foundation Relations

#### President's Office

Jennifer Fleming, Assistant to the President

Athletics

Abby Davis, Director Daniel Gallegos, Director of Athletic Communications

#### **Institutional Research**

Wyatt Watson, Director of Athletics Bryan Bramlett, Institutional Research Associate

**Legal Counsel** 

Eric F. Walker, Legal Counsel

**University Relations** 

Sam Strasner. Director

#### **Student Affairs**

#### **Academic Advising**

Marika Lederman, Associate Dean

Cara Knight, Assistant Dean

Jenna Bradley, Academic and Career Advisor

Rodrigo Campos, Academic and Career Advisor

Erin Conrad, Academic and Career Advisor

Denise Cundari, Administrative Specialist III

Andrew Gillispie, Administrative Specialist II

Chelsea Martin, Academic and Career Advisor

Lyndsay Simpson, Academic and Career Advisor

Mackenzie Taylor, Academic and Career Advisor

#### Admissions

Alisa Waniewski, Associate Director for Academic Scholarships

**Kerri Threlkeld,** Associate Director for Admissions Operations

Khamphay Anderson, Coordinator for Campus Visit Experience

Kyndal Atkinson, Admissions Officer

Sabrina Billey, Coordinator for Concurrent Enrollment

George Brooks, Admissions Officer

Mekinzie Kyle, Admissions Officer

Presley Thompson, Admissions Officer

Rachel Wright, Admissions Officer

#### **Campus Life and Student Union**

Chelsea Neal, Associate Dean

Meighan Burke, Assistant Dean of Student Transition

Kerry Shannon, Assistant Dean of Campus Recreation and Esports

Megan Bell, Coordinator of Civic and Community Engagement and Student Leadership Development

Rachel Broussard, Special Event Coordinator

Deidra Dillard, Coordinator of First-Generation Student Experience

Rhylie Gachot, Assistant Director of Campus Life

Shelly Hall, Coordinator of Veteran Services

#### **Career Center**

Patricia Edmunds, Director John Harris, Assistant Director

#### Career Services

Allen Schaidle, Assistant Dean

Kylia Stewart, Employer Relations Coordinator

Yushia "Yoshi" Thao, Career Counselor

#### **Diversity and Inclusion**

# **Financial Aid**

Niki Schwartz, Director

Heather Taylor, Associate Director

Jennifer Griffin. Assistant Director

**Tracey Hale,** Project/Program Specialist (serves as contact for military affiliated students)

# **International Admissions**

Sara Chronister, Assistant Dean of International Programs

Jamie Young, Coordinator of Graduate and International Admissions

# **Marketing and Communication**

Elizabeth Underwood, Director of Publications and Creative Services

Madisyn Chance, Digital Media Coordinator

Morgan Hitt, Webmaster and Digital Strategist

Melanie Paterak, Photographer

Rvan Taylor, Video Production Manager

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#### Bradlee Treece, Web Operations Specialist

#### **One-Stop Shop**

Brittny Daubenheyer, Assistant Vice President of Student Affairs Enrollment Management Brandie Gibbs, Associate Director of Recruitment Melissa South, Coordinator for Events and Family Engagement

#### **Public Safety**

Joshua McMillian, Associate Dean of Students/Chief of Public Safety Heath Whorton, University Emergency Manager

#### **Residence Life**

Kevin Solomon, Dean of Student Engagement **Delton Gordon,** Associate Dean Jessica Crabaugh, Assistant Dean - Operations Laura Palmer, Assistant Dean – Housing Services Abbygayle Cook, Area Coordinator Brvan Cook, Area Coordinator Luke Hams, Director of Residence Education Mark Moultrup, Coordinator for Student and Guest Operations Sam Wolaver, Area Coordinator for Housing Services

#### **Student Conduct/Title IX**

Amy Pennington, Associate Vice President for Student Affairs/Dean of Students & Title IX Coordinator Will Cooper, Associate Dean for Student Conduct Stacy Galbo, Assistant Dean for Student Conduct/Deputy Title IX Coordinator/Investigator William Titsworth, Assistant Dean for Student Conduct/Lead Investigator

#### Student Wellness

Kristy Davis, Associate Dean/Health and Wellness Center Director Ashlee Leavell, Assistant Dean for Student Wellness/Deputy Title IX Coordinator **Hunter Bramlitt.**Counselor Lisa Crider. Wellness Case Manager Cori Hinson, Registered Nurse Brittany Holt, Licensed Practical Nurse Robin Joslin, Nurse Practitioner Heather Stout, Registered Nurse Janice Taylor, Counselor Leann Watson, Counselor Dillon Webster, Counselor Kyle Wewers, Nurse Practitioner

# **Academic Administration**

# **College of Arts and Humanities**

Jeffrey Cass, Dean Kasten Searles, Head of Art Department David Ward, Head of Behavioral Sciences Department David Eshelman, Head of Communication and Media Studies Department Emily Hoffman, Head of English and World Languages Department Aaron McArthur, Head of History and Political Science Department Jeffrey Bright, Head of Music Department

# **College of Business and Economic Development**

Tracy Cole, Dean Michael Bradley, Head of Agriculture and Tourism Department

## College of Education and Health

Tim Carter, Dean

Brett Stone, Associate Dean

Pam Dixon, Head of Teaching and Educational Leadership Department

Shelly Daily, Head of Nursing Department

Rockie Pederson, Head of Kinesiology and Exercise Science Department

Rene Couture, Head of Emergency Management, Professional Studies, and Student Affairs Administration

John Freeman, Director of Ed.D. Program

David Bell, Director of Educator Licensure and Support Services

Veronica Scott, Director of Teacher Education Student Services

# College of Science, Technology, Engineering and Mathematics

John Jackson, Dean of STEM

John Krohn, Associate Dean of STEM

Chris Kellner, Head of Biological Sceinces

Hamed Shojaei, Head of Mathematics and Statistics Department

Hamed Shojaei, Head of Physical and Earth Sciences Department

# **Graduate College**

Sarah Gordon, Dean

# **Faculty**

The date after each name indicates the first year of appointment to this institution.

## <u>A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</u>

#### **GABRIEL L. ADKINS, 2009**

Professor of Communication

B.A., Ottawa University, 1996;

M.S., Pittsburg State University, 2002;

M.A., Wichita State University, 2005;

Ph.D., University of Oklahoma, 2011.

#### **AFSANA AHAMED, 2020**

Assistant Professor of Electrical Engineering

B.Sc., Khulna University, 2006;

M.Sc., Bangladesh University of Engineering and Technology, 2011;

Ph.D., University of Nebraska - Lincoln, 2020.

# **CHIRAZ SOUMIA AMRINE, 2019**

Assistant Professor of Chemistry

B.S., University of Blida, 2009;

M.S., Jordan University of Science and Technology, 2012;

Ph.D., University of North Carolina at Greensboro, 2019.

#### **STANTON C. APPLE, 1989**

Assistant Professor of Mechanical Engineering

B.S.M.E., University of Arkansas, 1989;

M.Eng.Mgmt., Arkansas State University, 2019.

#### **JEFFREY AULGUR, 2011**

Associate Professor of Professional Studies

Head, Department of Professional Studies

B.A., Hendrix College, 1986;

M.A., University of Arkansas, 1991;

M.S., Arkansas Tech University, 2008;

Ed.D., University of Arkansas, 2013.

#### **CHRISTINE E. AUSTIN, 2007**

Professor of Student Affairs Administration

Director, Assessment and Institutional Effectiveness

B.A., University of Denver, 1984;

M.Ed., University of Maine, 1990;

Ph.D., University of Denver, 2007.

#### Top

#### **LESLIE BAIN, 2018**

Senior Instructor of Mathematics

B.S., Oral Roberts University, 1996;

M.Ed., East Central University, 2008.

#### KASEY L. BALLARD, 2017

Instructor of Mathematics

B.S., Arkansas Tech University, 2010;

M.A., University of Central Arkansas, 2012.

#### **DOUGLAS BARRON, 2016**

Associate Professor of Biology

B.S. Louisiana State University, 2005;

M.S. University of Illinois, 2009;

Ph.D., Washington State University, 2014.

#### C. DAVID BELL, 1988

Professor of Curriculum and Instruction

Head, Educator Licensure and Support Services

B.S., Arkansas Tech University, 1969;

M.Ed., University of Arkansas, 1972;

Ed.D., University of Arkansas, 1978.

#### **DANIEL A. BELONGIA, 2015**

Professor of Music

Director of Band

B.M., University of Miami, 1996;

M.M, University of Miami, 2004;

D.M.A., Michigan State University, 2006.

#### SIDD BHAMBHWANI, 2023

Assistant Professor of Accounting

B.S., University of Pittsburg, 2013;

M.S., University of Pittsburg Katz Graduate School of Business, 2014;

Ph.D., University of Miami, 2019.

# ANWAR A. BHUIYAN, 2001

Professor of Chemistry

B.S., Dhaka University, 1983;

M.Sc., Dhaka University, 1986;

M.S., Northeast Louisiana University, 1994;

Ph.D., Marquette University, 1999.

#### **ANGELA BLACK, 2012**

B.A., University of Colorado, 2002;

M.S., Florida State, 2011.

## **STEVE BOUNDS, 2018**

Professor of Educational Leadership

B.A., Oklahoma Christian University, 1972;

M.S., Arkansas State University, 1977;

S.C.C.E., Arkansas State University, 1977;

Ed.S., Arkansas State University, 1988;

Ed.D., Arkansas State University, 1999

#### **ROBIN E. BOWEN, 2014**

Professor of Rehabilitation Science

President

B.S., University of Kansas, 1982;

M.Ed., University of Arkansas, 1983;

Ed.D., Texas Tech University, 1988.

#### **JACQUELINE K. BOWMAN, 2001**

Professor of Biology

B.S., Purdue University, 1982;

B.S., Illinois State University, 1984;

M.S., Illinois State University, 1986;

Ph.D., Indiana University, 1994.

#### **MICHAEL BRADLEY, 2020**

Associate Professor of Parks, Recreation and Hospitality Administration

B.S., Oklahoma State University, 2005;

M.S., Western Illinois University, 2008;

Ph.D., Oklahoma State University, 2012.

#### LYN BRANDS, 2003

Associate Professor of Art

B.A., Fort Hays State University, 1984;

M.F.A., Fort Hays State University, 1990.

#### **MOLLY BRANT, 2005**

Associate Professor of Agriculture

B.S., Oklahoma State University, 2000;

M.S., Oklahoma State University, 2002;

Ph.D., Kansas State University, 2005.

#### LYDIA BRAUER, 2021

Associate Professor of Curriculum and Instruction

B.A., Valparaiso University, 1988;

M.A., Bowling Green State University, 1998;

Ph.D., Ohio State University, 2006.

#### **JEFFREY R. BRIGHT, 2018**

Professor of Music

Head, Department of Music

B.S.E., University of Arkansas, 1986;

M.M.E., University of Arkansas, 1988;

Ph.D., University of Oklahoma, 2005.

#### **HERBERT MATT BROWN, 2008**

Professor of Business Data Analytics

B.A., University of Arkansas, 1998;

M.S., University of Arkansas, 2000;

Ph.D., Nova Southeastern University, 2007.

# **SUMMER BRUCH, 2018**

Professor of Art

B.F.A., University of Central Missouri, 1999;

M.F.A., Edinboro University of Pennsylvania, 2002.

#### CARL W. BRUCKER, 1984

Professor of English

B.A., Rutgers University, 1968;

M.A., Rutgers University, 1976;

Ph.D., Rutgers University, 1980.

## **BRITTANY BURRIS, 2022**

Instructor of Nursing

B.S.N., Arkansas Tech University, 2007;

M.S.N., University of Central Arkansas, 2017.

# **DEBRA S. CAPEHART, 2012**

Instructor of Computer and Information Science

B.S.B.A., Arkansas Tech University, 1984;

B.S., Arkansas Tech University, 2000;

M.S., Arkansas Tech University, 2002.

#### ALEJANDRA K. CARBALLO, 2009

Professor of Spanish

B.A., University of Rio Cuarto, 1995;

M.A., University of Pennsylvania, 2000;

Ph.D., Florida State University, 2006.

#### TIM L. CARTER, 1998

Professor of Curriculum and Instruction

Dean, College of Education

B.S., Arkansas Tech University, 1989;

M.Ed., Arkansas Tech University, 1994;

Ph.D., University of Georgia, 1998.

#### **JEFFREY D. CASS, 2020**

Professor of English

Dean, College of Arts and Humanities

B.A., University of Dallas, 1981;

M.A., University of California at San Diego, 1986;

Ph.D., University of California at San Diego, 1991.

#### E. URSULA CHANDLER, 1981

Professor of German

B.S., Illinois State University, 1965;

Ph.D., Northwestern University, 1981.

#### **CHERYL B. CHANEY, 1999**

Assistant Professor of Biology

B.S., Missouri Western State College, 1990;

M.S., Tennessee Technological University, 1997.

#### **NATHANIEL G. CHAPMAN, 2015**

Associate Professor of Sociology

Director of Center for Undergraduate Research

B.S., College of Charleston, 2006;

M.S., Virginia Tech, 2010;

Ph.D., Virginia Tech, 2015.

#### **RAJIB CHOUDHURY, 2015**

Associate Professor of Chemistry

B.S., University of Burdwan, 2005;

M.Sc., Indian Institute of Technology Guwahati, 2007;

Ph.D., University of Miami, 2012.

# MD SHAHEDUR CHOWDHURY, 2020

Assistant Professor of Finance

B.B.A., University of Chittagong, 2008;

M.B.A., University of Chittagong, 2009;

M.A., Eastern Illinois University, 2015;

Ph.D., University of Texas Rio Grande Valley, 2020.

## **BARBARA CLEMENTS, 2010**

Associate Professor of Music

B.A., Luther College, 1993;

M.M., University of Missouri Columbia, 1996:

D.M., Florida State University, 2005.

#### **JON CLEMENTS, 2005**

Professor of Music

B.A., Luther College, 1994;

M.M., University of Missouri-Columbia, 1996;

D.M., Florida State University, 2008.

# **LORETTA COCHRAN, 2003**

Associate Professor of Management

B.S., Erskine College, 1991;

M.S., Clemson University, 1994;

Ph.D., Clemson University, 1999.

# TRACY L. COLE, 2007

Professor of Legal Studies

Associate Dean, College of Business and Economic Development

B.S.Ed., University of Arkansas, 1990;

M.Ed., University of Arkansas, 1991;

J.D., University of Arkansas at Little Rock, 2003.

#### **ASHLEY COOKSEY, 2023**

Assistant Professor of Curriculum and Instruction B.S., Arkansas Tech University, 2006; M.Ed., Arkansas Tech University, 2011.

# **CHANTELL R. CORKERN, 2020**

Assistant Professor of Nursing

B.S.N., Baptist Health College, 2014;

D.N.P., Samford University, 2019.

#### **RENE COUTURE, 2012**

Associate Professor of Student Affairs Administration

B.A., Saint Michael's College, 1997;

M.S., Indiana State University, 2003;

Ph.D., University of Northern Colorado, 2010.

#### THERESA CULLEN, 2020

Professor of Curriculum and Instruction

Head, Department of Teaching and Educational Leadership

B.S.Ed., Northwest Missouri State University, 1996;

M.S., Northwest Missouri State University, 1999;

M.S.Ed., Indiana University Bloomington, 2005;

Ph.D., Indiana University Bloomington, 2006.

#### **REBECCA CUNNINGHAM, 2016**

Assistant Professor of Computer and Information Science

B.S., Arkansas Tech University, 1995;

M.S., University of Central Arkansas, 1999.

#### **DONNA CURRAN, 2022**

Instructor of Biology

B.S., Arkansas Tech University, 1995;

M.S., Arkansas Tech University, 2017.

# **SHELLY DAILY, 2000**

Professor of Nursing

Head, Department of Nursing

B.S.N., Arkansas Tech University, 1995.;

M.N.Sc., University of Arkansas for Medical Sciences, 1999;

D.N.P., University of South Alabama, 2015.

#### R. JAMIE DALTON, 2012

Senior Instructor of Biology

B.A., University of Washington, 1988;

M.S.E., Henderson State University, 1993;

M.S., University of Central Arkansas, 2012.

# **SARA DANIEL, 2014**

Assistant Professor of Health Information Management

B.S., Arkansas Tech University, 2000;

M.S., University of Central Arkansas, 2006.

# **MELISSA DARNELL, 2003**

Professor of Nursing

Learning Resources Coordinator

B.S.N., University of Central Arkansas, 1994;

M.S.N., University of Central Arkansas, 2002;

DNP/Ph.D., Barnes-Jewish College, Goldfarb School of Nursing, 2015.

# **ABBY DAVIS, 2004**

Instructor of Health and Physical Education

Athletic Director and Head Coach of Women's Tennis

B.A., Arkansas Tech University, 2002;

M.Ed., Arkansas Tech University, 2004.

#### MICHAEL G. DAVIS, 2015

Associate Professor of Geology

B.S., University of Utah, 1998;

M.S., University of Hawaii, 2001;

Ph.D., University of Utah, 2013.

#### **DAVID DAWSON, 2009**

Instructor of Health and Physical Education

Head Coach of Baseball

B.A., Ottawa University, 1996;

M.A., University of Saint Mary, 2005.

#### NICOLAS del GRAZIA, 2009

Associate Professor of Music

B.S., The City University London, 1991;

M.M., King's College, University of London, 1994;

D.M., Indiana University, 2003.

#### PAMELA D. DIXON, 2011

Associate Professor of School Counseling and Leadership

B.A., Arkansas Tech University, 1996;

M.Ed., Arkansas Tech University, 2004

Ed.D., Walden University, 2014.

#### LISA DUBOSE, 2017

Assistant Professor of Nursing

B.S.N., Arkansas Tech University, 2014;

M.S.N., Arkansas Tech University, 2016;

D.N.P., American Sentinel University, 2018.

#### **DUSTIN DUNNICK, 2020**

Assistant Professor of Health and Physical Education

B.S., University of Oklahoma, 2011;

M.S., California State University, 2015;

Ph.D., University of Nevada Las Vegas, 2020.

#### **INDIRA DUTTA, 2021**

Assistant Professor of Computer and Information Science

B.S., American International University, Bangladesh, 2012;

M.S., University of Louisiana at Lafayette, 2015;

Ph.D., University of Louisiana at Lafayette, 2021.

# PETER A. DYKEMA, 2001

Professor of History

Co-Director of Arkansas Governor's School

B.S., Hope College, 1984;

M.Div., Western Theological Seminary, 1987;

M.A., University of Arizona, 1989;

Ph.D., University of Arizona, 1998.

#### Top

#### **AHMED ELKASSABGI, 2018**

Assistant Professor of Finance

B.S., Texas A&M University Kingsville, 2004;

M.B.A., Texas A&M University Corpus Christi, 2008;

Ph.D., Texas A&M International University, 2014.

## **ERNEST J. ENCHELMAYER, 2005**

Professor of English

B.A., University of Mississippi, 1993;

M.A., Arkansas State University, 1995;

Ph.D., Southern Illinois University, 2005.

## **JENNIFER L. ENDERLIN, 2011**

Senior Instructor of Professional Studies

B.A., Arkansas Tech University, 1999;

M.S., Arkansas Tech University, 2009.

#### **TOLGA ENSARI, 2022**

Assistant Professor of Computer Science B.S., Istanbul Technical University, 2000 M.S., Istanbul Technical University, 2003 Ph.D., Istanbul University, 2009

#### **SHAANA ESCOBAR, 2012**

Associate Professor of Nursing B.S.N., Arkansas Tech University, 2006; M.S.N., University of Central Arkansas, 2012; D.N.P., Graceland University, 2018.

#### DAVID J. ESHELMAN, 2006

Professor of Communication Head, Department of Communication and Media Studies B.A., Case Western Reserve University, 1999; M.F.A., University of Texas at Austin, 2002; Ph.D., University of Missouri at Columbia, 2006.

#### Top

#### MARCEL B. FINAN, 2001

Professor of Mathematics B.S., Haigazian University, 1984; M.S., University of Tennessee, 1992; Ph.D., University of North Texas, 1998.

#### **JOSHUA A. FISHER, 2011**

Associate Professor of Art A.B., Middlebury College, 2000; M.A., University of Georgia, 2004; Ph.D., University of Iowa, 2009.

#### **ROBERT FITHEN, 1998**

Associate Professor of Mechanical Engineering B.S., Louisiana Tech University, 1984; M.S., Texas A & M, 1987; Ph.D., Virginia Tech University, 1993.

#### **JOHN FREEMAN, 2015**

Professor of Educational Leadership Director of Ed.D. in School Leadership B.A., Louisiana State University, 1976; B.S., Louisiana State University, 1978; M.Ed., Louisiana State University, 1982; Ed.S., Louisiana State University, 1995; Ph.D., Louisiana State University, 1997.

#### Top

# **MARIUSZ GAJEWSKI, 2012**

Associate Professor of Chemistry B.S., Adam Mickiewicz University, 1998; M.S., Adam Mickiewicz University, 1998; Ph.D., University of Idaho, 2003.

#### PAOLA GEMME, 2001

Professor of English B.A., University of Genoa, 1989; Ph.D., Pennsylvania State University, 1998.

## **BHASKAR GHOSH, 2022**

Assistant Professor of Computer and Information Science B.S., West Bengal University of Technology, 2011; M.B.A., University of Calcutta, 2013; M.S., University of Louisiana at Lafayette, 2017;

Ph.D., University of Louisiana at Lafayette, 2021.

#### **ROBIN GHOSH, 2021**

Assistant Professor of Computer and Information Science

B.A., International Islamic University, Bangladesh, 2010;

M.A., International Islamic University, Bangladesh, 2011;

M.S., University of Arkansas-Pine Bluff, 2015;

Ph.D., Jackson State University, 2021.

#### LYNNETTE GILBERT, 2019

Assistant Professor of Art

Head, Department of Art

B.A., Tougaloo College, 1997;

M.A., University of Alabama at Birmingham, 2003;

Ed.D., University of Houston, 2017.

#### **SARAH R. GORDON, 2018**

Associate Professor of Educational Leadership

Dean, Graduate College

B.S., Oklahoma State University, 2005;

M.S., Oklahoma State University, 2007;

Ph.D., Oklahoma State University, 2013.

#### **ELIZABETH GRAY, 2005**

Professor of Emergency Management

B.A., Vanderbilt University, 1993;

M.B.A., Hendrix College, 1995;

M.B.A., University of Arkansas at Little Rock, 1999;

J.D., University of Arkansas at Little Rock, 1999.

#### CARL GRECO, 2001

Professor of Electrical Engineering

B.S., Louisiana Tech University, 1967;

M.S., Rice University, 1974;

Ph.D., Rice University, 1976.

## **JASMINE GREER, 2013**

Associate Professor of Art

B.F.A, University of Central Arkansas, 2006;

M.F.A., Columbia College Chicago, 2009.

# **JACOB GROSSKOPF, 2016**

Associate Professor of Geology

Co-Director of Arkansas Governor's School

B.S., Louisiana Tech University, 2007;

M.S., Louisiana State University, 2010;

Ph.D., Louisiana State University, 2015.

Top

#### **PATRICK HAGGE, 2014**

Associate Professor of Geography

B.S.B.A., University of Arkansas, 2004;

B.A., University of Arkansas, 2005;

M.S., Pennsylvania State University, 2009;

Ph.D., Pennsylvania State University, 2013.

# **CAROL HANAN, 2012**

Assistant Librarian

B.A., Arkansas Tech University, 1994;

M.Ed., Arkansas Tech University, 2001;

M.L.S., Texas Woman's University, 2005.

#### **MATTHEW HANKINS, 2020**

**Assistant Professor of Physics** 

B.S., University of Central Arkansas, 2013

Ph.D., Cornell University, 2018.

#### **SHELLIE HANNA, 2004**

Professor of Curriculum and Instruction

B.A., Arkansas Tech University, 1992;

M.Ed., Arkansas Tech University, 2002;

Ed.D., Oral Roberts University, 2009.

#### LISA HARLESS, 2005

Associate Professor of Nursing

B.S.N., Arkansas Tech University, 2000;

M.S.N., University of Central Arkansas, 2004;

Ph.D., University of Texas at Tyler, 2016.

#### **AMBER HARRINGTON, 2014**

Associate Professor of Physics

B.S., University of Arkansas at Little Rock, 1996;

M.S., Ohio State University, 2001;

Ph.D., University of Arkansas at Little Rock, 2014.

#### **NEAL HARRINGTON, 2005**

Professor of Art

B.F.A., University of South Dakota, 1998;

M.F.A., Wichita State University, 2001.

#### **GABRIELE HAULMARK, 2016**

Instructor of German

Study Abroad Director

B.A., University of South Carolina, 1999;

M.A.T., University of South Carolina, 2001;

M.A., Arkansas Tech University, 2016.

#### **KYLER B. HECKE, 2022**

Assistant Professor of Biology

B.S., University of Arkansas at Little Rock, 2013;

M.S., University of Arkansas at Pine Bluff, 2017;

Ph.D., University of Tennessee, 2021.

#### **JENNIFER E. HELMS, 1993**

Professor of Nursing

B.S.N., Harding University, 1986;

M.S.N., University of Missouri at Kansas City, 1992;

Ph.D., University of Arkansas for Medical Sciences, 2006.

# **KRISTIN HENDERSON, 2020**

Assistant Professor of Nursing

B.S.N., Arkansas Tech University, 2004;

M.S.N., Arkansas Tech University, 2010;

Ph.D., University of Arkansas, 2019.

#### **NEWTON P. HILLIARD, 2014**

Professor of Chemistry

B.S., Wayland Baptist University, 1984;

Ph.D., Texas Tech University, 1995.

# **EMILY HOFFMAN, 2010**

Professor of English

Head, Department of English and World Languages

B.A., University of Kansas, 1999;

M.A., University of Kansas, 2002;

Ph.D., Oklahoma State University, 2009.

# **BRENT HOGAN, 2014**

Senior Instructor of English Language Institute

B.F.A., Arkansas Tech University, 1999;

M.A., Arkansas Tech University, 2002.

#### **JESSICA L. HOGAN, 2006**

University Instructor of Mathematics

B.S., Arkansas Tech University, 2004; M.S., University of Arkansas, 2006.

#### NANCY D. HORTON, 1999

University Instructor of Mathematics B.S., Arkansas Tech University, 1997; M.S., University of Arkansas at Little Rock, 1999.

# SEYED EHSAN HOSSEINI, 2017

Assistant Professor of Mechanical Engineering B.M.E., Semnan University, 2002; M.M.E., Universiti Teknologi Malaysia, 2012; Ph.D., Universiti Teknologi Malaysia, 2016.

#### **CHRISTOPHER E. HOUSENICK, 2009**

Assistant Professor of Political Science B.A., University of Pennsylvania, 1999; M.A., Pennsylvania State University, 2001; Ph.D., Pennsylvania State University, 2005.

#### CHIH-HSIN HSU, 2020

Assistant Professor of English and World Languages B.A., Tunghai University, 2001; M.A. Tunghai University, 2004; M.A., Arkansas Tech University, 2008; Ed.D., Texas A & M University - Kingston, 2103.

#### PENG "ROC" HUANG, 2017

Professor of Finance and Economics B.B.A., Shanghai Jiao Tong University, 1999; M.A., Western Michigan University, 2003; Ph.D., Western Michigan University, 2006.

#### JAY M. HUDKINS, 2008

Professor of Communication B.S.E., Baylor University, 1992; M.A., Baylor University, 1992; Ph.D., Texas A & M, 2011.

#### **DEBRA HUNTER, 2011**

Associate Professor of Accounting B.S., Louisiana College, 1984; M.B.A., Baylor University, 1985; D.B.A., Louisiana Tech University, 2004; C.P.A.

#### **SEAN T. HUSS, 2005**

Professor of Sociology B.A., University of Arkansas at Little Rock, 1995; M.A., University of Tennessee, 1998; Ph.D., University of Tennessee, 2006.

#### Top

# **MOHAMED IBRAHIM, 2011**

Associate Professor of Curriculum and Instruction B.A., Cairo University, 1984; M.A., Oklahoma State University, 1997; Ph.D., Oklahoma State University, 2011.

#### Top

#### **JOHN R. JACKSON, 2003**

Professor of Fisheries Science Head, Department of Biological Sciences Director of Fisheries and Wildlife Science Program B.S., Michigan State University, 1983;

M.S., Mississippi State University, 1987;

Ph.D., Mississippi State University, 1996.

#### **CYNTHIA JACOBS, 2007**

Professor of Biology

D.V.M., Louisiana State University, 1982.

#### LAURA J. JOBE, 2014

Associate Professor of Nursing

B.S.N., University of Louisiana at Monroe, 2001;

Ph.D., University of Arkansas for Medical Sciences, 2013.

#### **ALEXIS JOHNSON, 2015**

Associate Professor of Communication

B.A., University of Illinois at Chicago, 2009;

M.A., Northeastern Illinois University, 2011;

Ph.D., University of Nebraska, 2016.

#### **TRACY JOHNSTON, 2015**

Senior Instructor of Accounting

B.S., Arkansas Tech University, 2001;

M.Acc., University of Arkansas at Little Rock, 2013.

#### **KELLY JONES, 2018**

Associate Professor of History

B.A., University of Arkansas at Little Rock, 2006;

M.A., University of North Texas, 2008;

Ph.D., University of Arkansas, 2014.

#### **RUSS JONES, 2020**

Professor of Accounting

Dean, College of Business

B.S., Arkansas State University, 1982;

M.S., Arkansas State University, 1984;

Ph.D., University of Texas-Arlington, 1992.

# **STEPHEN JONES, 2005**

Professor of Management

B.S.E., Pittsburg State University, 1981;

M.A., University of Missouri, 1983;

M.B.A., Missouri State University, 1989;

Ph.D., University of North Texas, 1998.

#### **VIRGINIA JONES, 2014**

Associate Professor of Communication

B.A., University of New Mexico, 2002;

M.A., University of Wisconsin, 2004;

Ph.D., University of Kansas. 2012.

## SCOTT JORDAN, 1994

Associate Professor of Mathematics

B.S., Southern Arkansas University, 1985;

M.S., University of Arkansas, 1988;

Ph.D., University of Southwestern Louisiana, 1994.

#### SUSAN JORDAN, 1994

University Instructor of Mathematics

B.S., University of Arkansas, 1987;

M.A., University of Arkansas, 1990.

# **PATRICIA JOSELIN, 2010**

Senior Instructor of Spanish

B.S., Universidad de Tarapaca, 1986;

M.Ed., Arkansas Tech University, 1998;

M.S.E., Arkansas Tech University, 2000;

M.A., Arkansas Tech University, 2012.

#### Top

#### **MOHAMMAD AMJADI KASHANI, 2022**

Assistant Professor of Mechanical Engineering

B.S., Amirkabir University, of Technology, 2009;

M.E., Sharif University of Technology, 2012;

Ph.D., University of Memphis, 2020.

#### MEHMET H. KELESTEMUR, 2019

Assistant Professor of Mechanical Engineering

B.S., Firat University, 1984;

M.S., Firat University, 1989;

Ph.D., State University of New York at Buffalo, 1998.

#### **RANDY KELLEY, 2018**

Assistant Professor of Mechanical Engineering

B.S., Texas A & M University, 1986;

M.S., Kansas State University, 1994;

M.B.A., West Texas A & M, 2002;

M.Engr., Texas A & M University, 2005;

Ph.D., Texas A & M University, 2010.

#### **CHRISTOPHER J. KELLNER, 1991**

Professor of Wildlife Science

B.S., University of California at Berkeley, 1978;

M.S., Eastern Kentucky University, 1985;

Ph.D., University of Arkansas, 1990.

#### PETE KELLY, 2011

Senior Instructor of Health and Physical Education

B.S., Arkansas Tech University, 1993;

M.Ed., Arkansas Tech University, 1996.

#### **JUSTIN L. KILLINGSWORTH, 2011**

Associate Professor of Agricultural Education

B.S., Texas A & M University, 2002;

M.Ed., Texas A & M University, 2004;

Ph.D., University of Missouri, 2011.

#### **JAMIE KING, 2011**

Senior Instructor of Mathematics

B.S., Arkansas Tech University, 2008;

M.Ed., Arkansas Tech University, 2010.

#### **CLAIRE KORTYNA, 2022**

Assistant Professor of English

B.A., St. Mary's College of Maryland, 2014;

M.F.A., Iowa State University, 2017;

Ph.D., University of Cincinnati, 2022.

#### GINA KRAFT, 2015

Associate Professor of Health and Physical Education

B.S., Oklahoma Baptist University, 1998;

M.S., University of Oklahoma, 2001;

Ph.D., Oklahoma State University, 2009.

## JOHN L. KROHN, 1991

Professor of Mechanical Engineering

Associate Dean, College of Science, Technology, Engineering, and Mathematics

B.S.M.E., University of Arkansas, 1981;

M.S.M.E., University of Arkansas, 1983;

Ph.D., Texas A & M University, 1992.

# **MASANORI KUROKI, 2013**

Associate Professor of Economics

B.S., California State University, 2002;

M.S., California State Polytechnic University, 2004;

Ph.D., University of California, 2011.

#### Top

#### **CAREY A. ELLIS LAFFOON, 2004**

Professor of Nursing

B.S.N., Arkansas Tech University, 1996;

M.S.N., University of Central Arkansas, 2002;

D.N.P., Union University, 2012.

#### **TENNILLE J. LASKER-SCOTT, 2015**

Associate Professor of Professional Studies

B.B.A., University of Arkansas at Little Rock, 2006;

M.Ed., University of Arkansas at Little Rock, 2009;

Ph.D., University of Georgia, 2015.

#### **DONG-SOO LEE, 2012**

Professor of Hospitality Administration

B.S., University of Santo Tomas, 1997;

M.H.R.I.M., Pennsylvania State University, 2003;

M.B.A., Kyung Hee University, 2001;

Ph.D., Texas Tech University, 2011.

#### **SANGKI LEE, 2008**

Professor of Journalism

B.A., Sogang University, 1997;

M.A., Sogang University, 1999;

M.A., Michigan State University, 2002;

Ph.D., Pennsylvania State University, 2007.

#### **SEUNG SUK LEE, 2009**

Professor of Hospitality Administration

B.S., Oklahoma State University, 2000;

M.S., Oklahoma State University, 2004;

Ph.D., Iowa State University, 2008.

# **TIMOTHY W. LEGGETT, 2002**

Associate Professor of Curriculum and Instruction

B.S., William Carey College, 1975;

M.R.E., New Orleans Baptist Theological Seminary, 1977;

M.Ed., William Carey College, 1980;

G.S.R.E., Southwestern Baptist Theological Seminary, 1983;

Ed.D., Nova Southeastern University, 1995.

#### **THOMAS G. LIMPERIS, 2003**

Associate Professor of Mathematics

B.S., University of Arkansas, 1989;

M.S., University of Arkansas, 1990;

Ph.D., University of Arkansas, 1998.

#### **JOSHUA LOCKYER, 2011**

Professor of Anthropology

B.A., University of Arizona, 1998;

Ph.D., University of Georgia, 2007.

#### STANLEY D. LOMBARDO, 1977

Professor of English

B.A., State University of New York at Buffalo, 1970;

Ph.D., Indiana University, 1976.

#### ERIC C. LOVELY, 2002

Professor of Biology

B.A., Bloomsburg University of Pennsylvania, 1992;

M.S., University of New Hampshire, 1995;

Ph.D., University of New Hampshire, 1999.

#### **LOWELL H. LYBARGER, 2007**

Associate Librarian

B.A., Rutgers University, 1990;

M.A., University of Washington, 1997;

MLIS, Kent State University, 2006;

Ph.D., University of Toronto, 2003.

#### **JOSHUA J. LYNCH, 2020**

Assistant Professor of Anthropology B.A., University of Mississippi, 2010; Ph.D., Texas A & M University, 2020.

Top

#### **SHELLIE MAGGARD, 2015**

Assistant Professor of Nursing

Simulation Laboratory Coordinator

B.S.N., Arkansas Tech University, 2000;

M.S.N., University of Central Arkansas, 2015;

D.N.P., American Sentinel College of Nursing & Health Sciences at Post University, 2019.

#### **REJINA MANANDHAR, 2015**

Associate Professor of Emergency Management B.Arch., Tribhuvan University, 2006; M.C.R.P., University of Texas at Arlington, 2010; Ph.D., University of North Texas, 2015.

#### **KEVIN H. MASON, 1986**

Professor of Marketing B. S., Arkansas Tech University 1982; M.B.A., University of Arkansas, 1986; Ph.D., University of Arkansas, 1995.

#### TONYA C. MAYS, 2012

Senior Instructor of Health Information Management B.S., Arkansas Tech University, 1999; M.S., Arkansas Tech University, 2016.

#### **AARON J. MCARTHUR, 2012**

Associate Professor of History Head, Department of History and Political Science B.A., Idaho State University, 2003; M.A., University of Nevada, Las Vegas, 2005; Ph.D., University of Nevada, Las Vegas, 2012.

#### SIRIPORN MCDOWALL, 2015

Assistant Professor of Hospitality Administration B.A., Thammasat University, Bangkok, 1980; M.A., University of Southwestern Louisiana, 1984; Ph.D., Kansas State University, 1999.

#### TERRI J. MCKOWN, 2004

Professor of Nursing B.S.N., Arkansas Tech University, 1991; M.S.N., University of Central Arkansas, 2000; D.N.P., University of Tennessee, 2009.

# **CATHI MCMAHAN, 2000**

Professor of Recreation and Park Administration B.S., Arkansas Tech University, 1985; M.S., Northwestern State University, 1986; Ph.D., University of Arkansas, 2007.

#### **CHARLES MEBI, 2009**

Professor of Chemistry B.Sc., University of Buea, 1969; M.Sc., University of Buea, 1998; Ph.D., University of Nevada, 2007.

#### **SYED IMRAN ALI MEERZA, 2019**

Assistant Professor of Agriculture

B.S.S., Khulna University, 2007;

M.S., South Dakota State University, 2013;

Ph.D., University of Nebraska-Lincoln, 2018.

#### **NATHANIEL MENSINK, 2022**

Assistant Professor of Music

B.M.E., Utah State University, 2012;

M.M., University of Miami, 2014;

D.M.A., University of Miami, 2017.

#### **GREGORY MICHNA, 2017**

Assistant Professor of History

B.S., Texas Woman's University, 2009;

M.A., Texas Woman's University, 2010;

M.A., Texas Woman's University, 2012;

Ph.D., West Virginia University, 2016.

#### **JULIE MIKLES-SCHLUTERMAN, 2007**

Professor of Sociology

B.A., Arkansas Tech University, 1997;

M.A., University of Tennessee, 2002;

Ph.D., University of Tennessee, 2007.

#### **JEFFREY A. MITCHELL, 1994**

Professor of Philosophy

B.A., Whitman College, 1986;

M.A., Vanderbilt University, 1990;

Ph.D., Vanderbilt University, 1993.

#### **CHERYL S. MONFEE, 1992**

Professor of Nursing

B.S.N., University of Southern Alabama, 1983;

M.S., University of Southern Mississippi, 1990;

Ph.D., University of Arkansas for Medical Sciences, 2006.

# **JESSICA MONGEON, 2016**

Professor of Art

B.A., University of North Dakota, 2008;

B.F.A., University of North Dakota, 2008;

M.F.A., Montana State University, 2013.

#### **LUCAS MOODY, 2018**

Instructor of Cybersecurity

B.A., Arkansas Tech University, 2001;

M.S., Arkansas Tech University, 2007.

#### **WILLIAM MORELAN, 2019**

Assistant Professor of Educational Leadership

B.S., Southwestern Adventist University, 1977;

M.A.T., Andrews University, 1979;

Ph.D., Andrews University, 2010.

#### **JUSTIN MOSS, 2016**

Associate Professor of Psychology

B.A., University of Virginia, 2004;

M.A. University of North Carolina Wilmington, 2010;

Ph.D. Florida State University, 2015.

# TOMMY L. MUMERT, 1989

Assistant Professor of Journalism

B.S., Arkansas State University, 1978;

M.A., Arkansas State University, 1986.

# DEBRA D. MURPHY, 2014

Associate Professor of Curriculum and Instruction

B.S., Texas A & M University, 1992;

M.S., Texas A & M University, 2000;

Ph.D., Texas A & M University, 2012.

#### **JEANINE L. MYERS, 2016**

Professor of Mathematics

Associate Vice President of Academic Affairs

B.S., Baylor University, 1992;

M.S., Clemson University, 1994;

Ph.D., University of Arkansas, 2013.

#### **KATHLEEN MYERS, 2022**

Assistant Professor of Curriculum and Instruction B.S., Arkansas Tech University, 2012; M.Ed., Arkansas Tech University, 2015;

Ed.D., Liberty University, 2022.

#### Top

#### **TIFFANY NANCE, 2022**

Instructor of Psychology

B.A., Arkansas Tech University, 2009;

M.S., Arkansas Tech University, 2011;

M.Ed., Arkansas Tech University, 2013.

#### **JOHN NARCUM, 2018**

Assistant Professor of Marketing

B.S., Arkansas Tech University, 2010;

M.B.A., University of Central Arkansas, 2011;

Ph.D., University of Memphis, 2017.

#### **JONATHAN NASH, 2021**

Assistant Professor of Music

Associate Director of Bands

B.M.E., Murray State University, 2011;

M.M.E., Murray State University, 2018;

Ph.D., University of Memphis, 2021.

### **HANNA E. NORTON, 2001**

Professor of Journalism

Assistant Director, Center for Excellence in Teaching and Learning

A.B.J., University of Georgia, 1994;

M.A., University of Georgia, 1998;

Ph.D., University of Georgia, 2001.

### **TROY NORTON, 2005**

Senior Instructor of Health and Physical Education

B.S., Arkansas Tech University, 2002:

M.Ed., Arkansas Tech University, 2005.

### THOMAS E. NUPP, 1997

Professor of Wildlife Science

Director of Fisheries and Wildlife Science Program

B.S., The Pennsylvania State University, 1987;

M.S., Auburn University, 1992;

Ph.D., Purdue University, 1997.

### SCOTT M. O'NEIL, 2020

Assistant Professor of English and World Languages

B.S., Towson University, 2005;

M.A., St. Bonaventure University, 2022;

Ph.D., University of Rochester, 2019.

## Top

### **CHARITY C. PARK, 2018**

Assistant Librarian

B.A., Arkansas Tech University, 2003;

M.L.A., Arkansas Tech University, 2005;

M.L.I.S., University of Southern Mississippi, 2019.

### **JASON A. PATTON, 2008**

Professor of Geology

B.S., Arkansas Tech University, 1996;

M.S. Murray State University, 1998;

Ph.D., University of Arkansas, 2008.

#### **JACKIE L. PAXTON, 2005**

Professor of Curriculum and Instruction

B.S.E., University of Central Arkansas, 1978;

M.S.E., University of Central Arkansas, 1979;

Ed.D., University of Arkansas, 1990.

#### **JEFFREY V. PEARSON, 2011**

Associate Professor of History

B.A., Indiana University, 1998;

M.A., University of New Mexico, 2001;

Ph.D., University of New Mexico, 2011.

#### **ROCKIE D. PEDERSON, 2011**

Professor of Health and Physical Education

Head, Department of Health and Physical Education

B.S.E., Henderson State University, 1979;

M.S.E., Henderson State University, 1980;

Ph.D., Texas Woman's University, 2000.

#### **THOMAS W. PENNINGTON, 1995**

Professor of Legal Studies

B.S., Arkansas Tech University, 1990;

J.D., University of Arkansas, 1993.

### THOMAS J. PERRY, 2016

Associate Professor of Music

B.M., Eastern Michigan University, 2009;

M.M., University of Tennessee, 2011;

D.M.A., Michigan State University, 2016.

### **EKONG J. PETERS, 2016**

Associate Professor of Emergency Management

B.Arch., Prairie View A&M University, 1989;

M.U.P., Texas A&M University, 1994;

Ph.D., University of North Texas, 2014.

#### AZIN SANJARI PIRMAHALEH, 2019

Assistant Professor of Mathematics

B.S., Guilan University, 2006;

M.S., Mazandaran University, 2009;

Ph.D., The Ohio State University, 2019.

### **AMY PORTER, 2023**

Assistant Professor of Music

B.M., Louisiana State University, 1998;

M.M., Mannes College of Music, 2000;

D.M.A., Louisiana State University, 2016.

#### **JAY POST, 2017**

Assistant Professor of Recreation and Park Administration

B.S., Oklahoma State University, 2003;

M.Ed., Oklahoma City University, 2010;

Ph.D., Oklahoma State University, 2016.

### **SUBHA PRATIHAR, 2022**

Assistant Professor of Chemistry

B.S., University of Calcutta, 2000;

M.S., University of Calcutta, 2001;

Ph.D., Indian Institute of Technology, Kanpur, 2010.

## Top

### TARIQ RAKHA, 2023

Assistant Professor of Art

B.F.A., Virginia Tech, 2019;

M.S., Worcester Polytechnic Institute, 2021.

#### **NELSON R. RAMÍREZ, 2006**

Professor of Spanish

B.A., University of California, Berkeley, 1997;

M.A., University of California, Berkeley, 1999;

Ph.D., University of California, Berkeley, 2005.

### **SHELLY RANDALL, 2014**

Associate Professor of Nursing

B.S.N., Arkansas Tech University, 2000;

M.S.N., West Texas A & M University, 2004;

PhD., Texas Woman's University, 2013.

### **BRYAN RANK, 2017**

Assistant Professor of Agricultural Education

B.S., Oklahoma Panhandle State University, 1997;

M.S., Iowa State University, 2013;

Ph.D., Iowa State University, 2016.

#### ERIC RECTOR, 2023

Director of Library

B.A., Missouri State University, 1993;

M.A., The University of Iowa, 1996.

#### **SEAN S. REED, 2012**

Associate Professor of Music

B.M., University of Texas at Austin, 1995;

M.M., Rice University, 1998;

D.M.A., University of Rochester, 2004.

### **CAROLYN RICONO, 2013**

Assistant Professor of Nursing

B.S.N, Chamberlain College, 2009;

M.S.N., University of Alabama at Birmingham, 2012.

#### FRANCES ROBERSON, 2019

Assistant Professor of Theatre and Film

Technical Director of Theatre

B.A., Lyon College, 1998;

M.F.A., Chapman University, 2008;

M.A.T., Arkansas Tech University, 2016.

### PHOEBE ROBERTSON, 2022

Assistant Professor of Music

B.M., University of Ottawa, 2017;

M.M., Carnegie Mellon University, 2019;

D.M.A., Manhattan School of Music, 2022.

### **MICHAEL T. ROGERS, 2007**

Professor of Political Science

B.A., Wabash College, 1995;

M.A., University at Albany-SUNY, 1999,

Ph.D., University at Albany-SUNY, 2005.

### **RODNEY ROOSEVELT, 2017**

Assistant Professor of Psychology

B.S., Southern Illinois University, 1999;

M.A., Southern Illinois University, 2003;

Ph.D. Southern Illinois University, 2013.

### Top

#### **REGINA ST. JOHN, 2006**

Associate Professor of English

B.A., University of Arkansas at Monticello, 1993;

M.A., Arkansas State University, 1994;

Ph.D., Ball State University, 2004.

#### **JEREMY S. SCHWEHM, 2012**

Associate Professor of Professional Studies

B.A., Louisiana State University, 2000;

M.A., Northwestern State University of Louisiana, 2007;

Ph.D., University of Georgia, 2011.

### **KASTEN SEARLES, 2023**

Head and Associate Professor of Art

B.F.A., Lesley University, 2006;

M.A., University of Dallas, 2010;

M.F.A., University of Dallas, 2012.

#### SUSAN SELF, 2012

Associate Professor of Nursing

B.S.N., Arkansas Tech University, 1998;

M.S.N., Arkansas Tech University, 2011;

D.N.P., Graceland University, 2017.

#### MARY V. SHARPE, 2016

Associate Professor of English

B.A., Sewanee: The University of the South, 2007;

M.A., University of Texas at Austin, 2009;

Ph.D., University of North Texas, 2013.

### KRYSTAL SHIPP, 2019

Instructor of Curriculum and Instruction

B.S., University of Central Arkansas, 2007;

M.Ed., Arkansas Tech University, 2013.

### **HAMED SHOJAEI, 2009**

Professor of Physics

Head, Department of Physical and Earth Sciences

B.S., Sharif University of Technology, 1995;

M.S., Sharif University of Technology, 1997;

Ph.D., Indiana University, 2009.

#### **ASIM SHRESTHA, 2017**

Assistant Professor of Business Data Analytics

B.S., Tribhuvan University, 2006;

M.S., Louisiana State University, 2010;

Ph.D., Louisiana State University, 2017.

### **ABDUS SALAM SIDDIQUE, 2022**

Assistant Professor of Computer and Information Science

B.S., Stamford University at Dhaka, 2011;

M.S., University of Arkansas at Pine Bluff, 2017;

Ph.D., University of Arkansas – Little Rock, 2022.

#### **JACOB SIEBACH, 2020**

Assistant Professor of Geology

B.S., Utah Valley University, 2016;

Ph.D., University of Iowa, 2020.

### **TATUM SIMMS, 2023**

Assistant Professor of Agriculture

B.T., Nova Scotia Agricultural College, 2008;

M.S., University of Arkansas at Pine Bluff, 2018;

Ph.D., University of Arkansas, 2023.

### **DUSTIN SIMPSON, 2016**

Associate Professor of Art

B.S., Full Sail University, 2007;

M.S., University of Advancing Technology, 2013.

#### **KULDEEP SINGH, 2018**

Assistant Professor of Management

B.S., National Institute of Technology, 1999;

M.B.A., Cleveland State University, 2010;

Ph.D., University of Texas at Arlington, 2018.

#### **DAVID SMITH, 2018**

Assistant Professor of Curriculum and Instruction

B.A., Colorado State University, 1996;

M.Ed., University of Virginia, 2002;

Ph.D., University of Nevada, 2015.

### **TIMOTHY E. SMITH, 1998**

Professor of Music

B.M., St. Olaf College, 1989;

M.M., Indiana University, 1991;

D.M., Indiana University, 1998.

#### **JAMIE STACY, 2009**

Associate Professor of Emergency Management

B.S., Arkansas Tech University, 2006;

M.S., Arkansas Tech University, 2008;

Ph.D., University of Central Arkansas, 2015.

#### **HEATHER STEFANSKI, 2020**

Assistant Professor of Curriculum and Instruction

B.S., Florida State University, 1999;

M.Ed., University of Florida, 2006;

Ed.D., University of Florida, 2019.

#### **ROBERT STEVENS, 2017**

Assistant Professor of Rehabilitation Science

B.S., University of Central Arkansas, 2012;

M.S., University of Arkansas, 2013;

Ph.D., Ohio University, 2017.

### **JAMES E. STOBAUGH, 2013**

Associate Professor of Sociology

B.A., University of Hawaii, 2002;

M.A., University of Memphis, 2004;

M.A., University of California at Irvine, 2007;

Ph.D., University of California at Irvine, 2012.

### **BRETT STONE, 2019**

Associate Professor of Health and Physical Education

B.A., Lyon College, 1994;

M.S., University of Arkansas, 2001;

Ph.D., Walden University, 2013.

### **SURESH SUBEDI, 2020**

Assistant Professor of Biology

B.Sc., Tribhuvan University, 2006;

M.Sc., Florida International University, 2011;

Ph.D., Florida International University, 2017.

#### **JOSEPH SWAIN, 2008**

Associate Professor of Geography

B.S., Northwestern State University, 2000;

M.A., Western Illinois University, 2003;

Ph.D., University of Oklahoma, 2008.

### **BETHANY SWINDELL, 2022**

Assistant Professor of Emergency Management

B.S., Arkansas Tech University, 2005;

M.S., Western Governors University, 2016;

D.B.A., Northcentral University, 2021.

#### Top

### A. ARWEN TAYLOR, 2016

Associate Professor of English

B.A., Brigham Young University, 2005;

M.A., Indiana University Bloomington, 2009;

Ph.D., Indiana University Bloomington, 2015.

#### **TERESA TAYLOR, 2004**

University Instructor of Mathematics

B.S., Arkansas Tech University, 1990;

M.Ed., Arkansas Tech University, 1994;

M.Ed., Arkansas Tech University, 2005.

#### WILL TAYLOR, 2014

Instructor of English Language Institute

B.A., Welch College, 2005;

M.A., Columbia International University, 2006.

#### **BRUCE L. TEDFORD, 2001**

Professor of Biology

B.S., University of Arkansas at Little Rock, 1976;

M.A., University of California, 1980;

Ph.D., Louisiana State University, 1995.

#### **SHERYLE TINERELLA, 2011**

Associate Librarian

B.A., Northeastern Illinois University, 2001;

M.L.I.S., University of Wisconsin-Milwaukee, 2008.

### **MEGAN TOLAND, 2014**

Assistant Professor of Journalism

B.A., Arkansas Tech University, 2006;

M.A., Arkansas Tech University, 2008.

### **BRENDAN TONER, 2014**

Associate Professor of Political Science

B.A., West Chester University of Pennsylvania, 2001;

M.A., Virginia Tech University, 2004;

Ph.D., Southern Illinois University, 2013.

### **ELLEN E. TREADWAY, 2013**

Associate Professor of Teaching, Learning and Leadership

B.A., Rhodes College, 1986;

M.A.T., University of Memphis, 1987;

M.A., Indiana University, 1990;

Ph.D., Indiana University, 2000.

### **DANA TRIBBLE, 2020**

Assistant Professor of Student Affairs Administration

B.S.B.A., Arkansas Tech University, 2009;

M.S., Arkansas Tech University, 2013;

Ph.D., University of Central Arkansas, 2020.

#### **MARY TROTTER, 2022**

Assistant Professor of Music

B.A., Whitworth University, 2008;

M.M., Peabody Conservatory, 2013;

D.M.A., University of Minnesota, 2020.

#### Top

#### **JASON S. ULSPERGER, 2006**

Professor of Sociology

B.S., University of Central Arkansas, 1997;

M.A., Arkansas State University, 1999;

Ph.D., Oklahoma State University, 2003.

# **KELSEY UTNE, 2022**

Assistant Professor of History

B.A. and B.S., Salem State University, 2012;

M.A., University of Washington, 2015;

Ph.D., Cornell University, 2022.

#### PHILIPPE VAN HOUTTE, 2007

Librarian

B.A., Arkansas Tech University, 2007;

M.L.S., Texas Woman's University, 2011.

#### THOMAS A. VAUGHN, 2003

Professor of Communication

B.A., University of Arkansas, 1990;

M.A., University of Arkansas, 1992;

Ph.D., Indiana University, 1998.

#### Top

#### KRIS WAID-JONES, 2022

Assistant Professor of Art

B.A., Whitworth University, 1985;

M.F.A., Arizona State University, 2011.

#### **MICHAEL WALLER, 2017**

Professor of Physical Education

B.S., Western Illinois University, 1994;

M.A., Concordia University, 2003;

Ph.D., University of Utah, 2011.

### **JAMES R. WALTON, 2006**

Professor of Marketing

B.S.B.A., Missouri Southern State College, 1979;

M.B.A., University of Central Arkansas, 1993;

Ph.D., Texas Tech University, 2001.

#### **DANA D. WARD, 1988**

Professor of Spanish

B.A., Hendrix College, 1974;

M.A., University of Arkansas, 1977;

Ph.D., University of Arkansas, 1987.

### DAVID W. WARD, 1999

Professor of Psychology

Head, Department of Behavioral Science

B.S., University of Texas, 1986;

M.S., University of Georgia, 1990;

Ph.D., University of Georgia, 1998.

#### STEVEN WARD, 2023

Instructor of Computer and Information Science

B.P.S., Arkansas Tech University, 2015;

M.A., University of Arkansas Monticello, 2016;

M.S., John Brown University, 2021.

### **JASON E. WARNICK, 2006**

Professor of Psychology

B.A./B.S., Arkansas State University, 2002;

M.A., University of Mississippi, 2004;

Ph.D., University of Mississippi, 2006.

#### **WAN WEI, 2017**

Assistant Professor of Economics

B.A., Wuhan University, 2009;

M.A., University of Michigan, 2011;

Ph.D., Western Michigan University, 2017.

### **JACOB WEIDENFELLER, 2018**

Instructor of Electrical Engineering and Lab Director

B.S., Arkansas Tech University, 2015;

M.Engr., Arkansas Tech University, 2017.

#### SUSAN WEST, 2008

Associate Professor of Hospitality Administration

B.A.A.S., Stephen F. Austin State University, 2000;

M.A., University of Arkansas, 2003.

#### **DAVE WILBERS, 2007**

Instructor of Health and Physical Education

Head Coach of Women's Basketball

B.S., Oklahoma Christian University, 1991;

M.S., Fort Hays State University, 1997.

#### **JENNIFER WILLBANKS, 2014**

Senior Instructor of Psychology

B.A., Arkansas Tech University, 2010;

M.S., Arkansas Tech University, 2012.

#### **MATTHEW WILSON, 2017**

Assistant Professor of Agriculture

B.S., Auburn University, 2006;

M.S., Auburn University, 2010;

Ph.D., Kansas State University, 2016.

### ERICA L. WONDOLOWSKI, 2015

Associate Professor of Rehabilitation Sciences

B.A., Eastern Connecticut State University, 2007

M.S., Springfield College, 2011

Ph.D., Michigan State University, 2015.

#### JERRY D. WOOD, 2010

Associate Professor of Computer and Information Sciences

B.S., University of Arkansas at Little Rock, 2003;

M.S., Arkansas Tech University, 2008;

Ph.D., University of Arkansas at Little Rock, 2015.

### SAM M. WORLEY, 1997

Professor of English

B.A., The University of Texas at Austin, 1981;

M.A., The University of North Carolina at Chapel Hill, 1986;

Ph.D., The University of North Carolina at Chapel Hill, 1991.

### GEORGEANNA N. WRIGHT, 2020

Assistant Professor of Health Information Management and Informatics

Director of University Honors

B.A., George Washington University, 1984;

M.S.S., University of Mississippi, 1993;

D.H.A., University of Phoenix, 2010.

#### **ALLIE WYNN, 2020**

Instructor of Mathematics

B.S., University of Arkansas at Monticello, 2018;

M.S., University of Arkansas, 2020.

Top

#### XINLI XIAO, 2019

Assistant Professor of Mathematics

B.S., Wuhan University, 2007;

M.S., Nankai University, 2010;

Ph.D., Kansas State University, 2016.

### Top

### TSUNEMI YAMASHITA, 1998

Professor of Biology B.A., Hendrix College, 1985; Ph.D., Vanderbilt University, 1993.

#### **JESSICA YOUNG, 2013**

Associate Professor of Physics B.S., Henderson State University, 2006; M.S., University of Arkansas, 2011; Ph.D., University of Arkansas, 2012.

### **MATTHEW YOUNG, 2016**

Associate Professor of Electrical Engineering B.S., Arkansas Tech University, 2009; M.S., University of Arkansas, 2012; Ph.D., University of Arkansas, 2017.

#### Top

#### **ZAHRA ZAMANIPOUR, 2022**

Assistant Professor of Electrical Engineering B.S., Amirkabir University of Technology, 1996; M.S., Sharif University of Technology, 1998; M.S., The University of Tulsa, 2015; Ph.D., Oklahoma State University, 2013.

### **KAIMAN ZENG, 2017**

Associate Professor of Electrical Engineering B.S., China University of Petroleum, 2005; M.E., Beihang University, 2009; Ph.D., Florida International University, 2015.

# **Distinguished Professor**

## **ROBERT CHARLES BROWN, 1993**

President Emeritus and Distinguished Professor of Economics B.A., Northwestern State University, 1967 M.A., Louisiana State University, 1969 Ph.D., Louisiana State University, 1976

### RICHARD R. COHOON, 1960

Distinguished Professor and Professor Emeritus of Geology B.A., Oklahoma City University, 1954; M.S., University of Oklahoma, 1959; Ed.D., Oklahoma State University, 1974.

#### MARY B. GUNTER, 1998

Distinguished Professor of Educational Leadership B.S.E., University of Arkansas, 1972; M.Ed., University of Arkansas, 1976; Ed.S., University of Arkansas, 1986; Ed.D., University of Arkansas, 1991.

### **JACK R. HAMM, 1972**

Distinguished Professor and Professor Emeritus of Mathematics B.S., Arkansas Tech University, 1964; M.S., University of Missouri at Rolla, 1968; Ph.D., University of Missouri at Rolla, 1972.

#### **JOHN W. WATSON, 1978**

Distinguished Professor of Mathematics

B.A., University of Arkansas, 1971;

M.S., University of Arkansas, 1973;

Ed.D., Oklahoma State University, 1978.

# **Faculty Emeriti**

### **ROBERT W. ALLEN, 1981**

Professor Emeritus of Chemistry

B.S., University of Oklahoma, 1969;

M.S., University of Oklahoma, 1973;

Ph.D., University of Oklahoma, 1975.

#### VREGE AMIRKHANIAN, 1989

Professor Emeritus of Mathematics

B.S., Tehran University, 1969#

M.S., Oklahoma State University, 1973#

Ph.D., Oklahoma State University, 1978.

### VOLTA O. ANDERS, JR., 1968

Professor Emeritus of Music

B.A., Arkansas Tech University, 1967;

M.M., Northwestern University, 1968.

#### **GARY BARROW, 1982**

Professor Emeritus of Music

B.M., North Texas State University, 1969;

M.M., Catholic University of America, 1973;

Ph.D., University of Iowa, 1982.

#### **CATHY BAKER, 1998**

Professor Emeritus of Geology

B.S., Arkansas Tech University, 1976;

M.S., University of Arkansas, 1978;

Ph.D., University of Iowa, 1986.

### MICHAEL E. BENEFIELD, 1995

Professor Emeritus of Finance

B.S., United States Military Academy, 1968#

M.Ed., University of North Carolina, 1976#

M.B.A., Arkansas State University, 1980#

M.S.I.S., Arkansas State University, 1984#

Ph.D., Purdue University, 1989.

#### **REBECCA BURRIS, 1991**

Professor Emeritus of Nursing

B.S., Northwestern State University, 1978#

M.S.N., Northwestern State University, 1991#

Ph.D., University of Arkansas for Medical Science, 2000.

### JOHN J. CADLE, 1977

Professor Emeritus of Physical Education

B.S.E., Central Missouri State University, 1965;

M.S., Central Missouri State University, 1967;

Ed.D., University of Southern Mississippi, 1970.

#### **PAMELA CARR, 1991**

Professor Emeritus of Accounting

B.S., Arkansas Tech University, 1977;

M.A., Missouri State University, 1984;

Ph.D., Oklahoma State University, 2001.

#### **ROBERT L. CASEY, 1971**

Professor Emeritus of Music

B.A., Arkansas Tech University, 1954;

M.M.E., University of North Texas, 1959;

Ed.D., Washington University, 1971.

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#### ELDON G. CLARY, JR., 1967

Professor Emeritus of Secondary Education B.S.E., North Texas State University, 1962; M.Ed., North Texas State University, 1964; Ed.D., North Texas State University, 1968.

### **JAMES COLLINS, 1983**

Professor Emeritus of Agriculture B.S., Mississippi State University, 1976; M.S., Louisiana State University, 1979; Ph.D., Louisiana State University, 1982.

#### **EDWARD J. CONNELLY, 1960**

Professor Emeritus of Music B.M., De Paul University, 1955; M.M., University of Illinois, 1960; D.M.A., University of Colorado, 1979.

#### HAL D. COOPER, 1979

Professor Emeritus of Music B.M.E., Henderson State University, 1966; M.M.E., Henderson State University, 1974.

### **THOMAS A. DEBLACK, 1995**

Professor Emeritus of History B.A., Southern Methodist University, 1973# M.S.E., Ouachita Baptist University, 1979# Ph.D., University of Arkansas, 1995.

#### **ELLEN JANET 'JAN' JENKINS, 1997**

Professor Emeritus of History B.A., University of Texas-Dallas, 1977; M.A., University of North Texas, 1983; Ph.D., University of North Texas, 1992.

### **ROBERT R. EDWARDS, 1989**

Professor Emeritus of Management B.A., Arkansas Tech University, 1960; M.S., American Technological University, 1981; Ph.D., University of Arkansas, 1988.

#### **DENNIS W. FLENIKEN, 1975**

Professor Emeritus of Education B.S., Louisiana Tech University, 1963; M.S., Louisiana Tech University, 1966; Ph.D., Louisiana State University, 1974.

### PATRICIA A. GORDON, 1965

Professor Emeritus of Health and Physical Education B.S.E., University of Central Arkansas, 1957; M.Ed., University of Oklahoma, 1960; Ed.D., University of Arkansas, 1977.

## **NINA M. GOZA, 2004**

Professor Emeritus of Accounting B.S., Arkansas State University, 1982; M.B.A., University of Central Arkansas, 1992; Ph.D., University of Mississippi, 2005; C.P.A.

### THERESA A. HERRICK, 1985

Professor Emeritus of Recreation and Park Administration B.S., Missouri State University, 1976# M.S., University of Missouri at Columbia, 1981# Ph.D., Clemson University, 1993.

### M. ANNETTE HOLEYFIELD, 1985

Professor Emeritus of Health and Physical Education

B.S., Arkansas Tech University, 1976#

M.Ed., Arkansas Tech University, 1977#

Ph.D., University of Arkansas, 1997.

### **SHELIA JACKSON, 1998**

Professor Emeritus of Kinesiology and Rehabilitation Science

B.S.E., Southern Arkansas University, 1981;

M.Ed., University of Arkansas, 1984;

Ph.D., Texas Women's University, 1988.

#### **ROYCE D. JONES, 1973**

Professor Emeritus of Accounting

B.S., Arkansas Tech University, 1965;

M.B.A., East Texas State University, 1971.

#### VICKY KIEHL, 1967

Professor Emeritus of Accounting

B.A., Arkansas Tech University, 1967;

M.M., North Texas State University, 1974.

#### **JOSEPH L. MOORE, 1988**

**Professor Emeritus of Economics** 

B.S.B.A., University of Arkansas, 1965;

M.B.A., University of Arkansas, 1966;

Ph.D., University of Arkansas, 1975.

#### **LARRY MORELL, 1998**

Professor Emeritus of Computer and Information Science

B.A., Duke University, 1974;

M.S., Rutgers University, 1976;

Ph.D., University of Maryland, 1983.

#### **ARDITH A. MORRIS, 1982**

Professor Emeritus of Communication/Theatre

B.A., University of the Ozarks, 1973;

M.A., University of Arkansas, 1975;

Ph.D., Northwestern University, 1989.

#### **JAMES MOSES, 1999**

Professor Emeritus of History

B.A., Louisiana State University-Shreveport, 1986;

M.A., University of New Hampshire, 1989;

Ph.D., Tulane University, 1997.

### **DAVID MUDRINICH, 1998**

Professor Emeritus of Art

B.S., Penn State University, 1976;

M.F.A., University of Georgia, 1992.

### **BOBBY MULLEN, 1956**

**Professor Emeritus of Mathematics** 

B.S., Arkansas Tech University, 1952;

M.A., University of Arkansas, 1955.

#### **AUDREY R. OWENS, 1984**

Professor Emeritus of Nursing

B.S., Youngstown State University, 1971;

M.S., Youngstown State University, 1978;

M.S., Texas Woman's University, 1979;

Ed.D., The University of Akron, 1983.

#### PAULA B. PENDERGRASS, 1992

Professor Emeritus of Biology

B.S.E., Southwest Missouri State University, 1968;

M.A., Southwest Missouri State University, 1970;

Ph.D., Washington State University, 1974.

#### DONALD E. RICKARD, 1967

Professor Emeritus of Physical Science

B.S.E., University of Central Arkansas, 1960;

M.S.E., University of Central Arkansas, 1966.

### DAVID W. ROACH, 1983

Professor Emeritus of Management

B.A., University of Arkansas, 1982;

M.B.A., University of Arkansas, 1983;

Ph.D., University of Arkansas, 1991.

#### PATRICIA B. ROACH, 1988

**Professor Emeritus of Education** 

B.S., Middle Tennessee State College, 1963;

M.A.T., Middle Tennessee State College, 1967;

Ph.D., University of Missouri-Columbia, 1981.

#### **ELIZABETH SALMERI, 1985**

Professor Emeritus of Education

B.A., College Misericordia, 1955;

M.Ed., University of Wyoming, 1981;

Ph.D., University of Wyoming, 1985.

### EARL F. SCHROCK, Jr., 1971

Professor Emeritus of English

B.A., Arkansas Tech University, 1966;

M.A., University of Arkansas, 1968;

Ph.D., University of Arkansas, 1980.

#### REBECCA A. SHOPFNER, 2000

Professor Emeritus of Teaching, Learning and Leadership

B.S.E., University of Central Arkansas, 1973;

M.Ed., Arkansas Tech University, 1984;

Ed.D., University of Arkansas, 1999.

### **WILLIAM W. TRIGG, 1959**

Professor Emeritus of Chemistry

B.S., University of Arkansas, 1956;

M.S., University of Arkansas, 1960;

Ph.D., Louisiana State University, 1967.

#### L. KIM TROBOY, 2002

Professor Emeritus of Management Information Systems

B.S., Arkansas Tech University, 1980;

M.B.A., University of Arkansas, 1987;

Ph.D., University of North Texas, 1997.

### HILDA J. TURNER, 1979

**Professor Emeritus of Business** 

B.S., Arkansas Tech University, 1960;

M.Ed., University of Arkansas, 1968;

Ed.D., University of Arkansas, 1976.

#### THOMAS P. TYLER, 1967

Professor Emeritus of Economics

B.A., Hendrix College, 1965;

M.B.A., University of Arkansas, 1967;

Ph.D., University of Arkansas, 1980.

### DAVID G. UNDERWOOD, 2001

Professor Emeritus of Education

B.A., Western Kentucky University, 1972#

M.P.S., Western Kentucky University, 1978#

M.A.Ed., Western Kentucky University, 1979#

Ph.D., Indiana University, 1985

### VICTOR K. VERE, 1976

Professor Emeritus of Geology

B.S.E., State University of New York (Cortland), 1961;

M.S., Syracuse University, 1968;

Ph.D., Syracuse University, 1972.

#### **JAMES T. WILLCUTT, 1967**

**Professor Emeritus of Physics** 

B.S., Arkansas Tech University, 1965;

M.S., University of Missouri at Rolla, 1967.

#### **KEITH C. WILLS, 1968**

Professor Emeritus of Health and Physical Education B.A., Hendrix College, 1958; M.S.E., Arkansas State University, 1965; Ph.D., Texas A & M University, 1970.

#### **GENE WITHERSPOON, 1950**

Professor Emeritus of Music B.S.E., University of Arkansas, Fayetteville, 1943; M.S., University of Arkansas, Fayetteville, 1952.

#### CHIA CHI YANG, 1980

Professor Emeritus of Chemistry B.S., National Chen Kung University, Taiwan, 1949; M.S., Georgia Tech, 1968; Ph.D., Georgia Tech, 1979.

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### ADMISSION

Individuals who meet the admission requirements listed below may apply to Arkansas Tech University. The University reserves the right to reject the application of any individual. Every student must file an application for admission. Additional information about Arkansas Tech is available from the Office of Admissions, Arkansas Tech University, 105 West O Street, Brown Building, Suite 104, Russellville, Arkansas 72801. Apply on-line from the Tech website at www.atu.edu or e-mail for additional information via tech.enroll@atu.edu.

Tech will provide equal opportunity in admission to all persons. This applies to all phases of the admission process. Any demographic information collected through the admission application is on a voluntary basis and is to be used in a nondiscriminatory manner consistent with applicable civil rights laws for reporting and statistical purposes only and cannot affect eligibility for admission.

Tech is subject to and endorses both the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. The Director of Disability Services serves as the coordinator for these federal programs. The Office of Disability Services is located in Doc Bryan and can be contacted by calling (479) 968-0302 or FAX (479) 964-0375.

All students at Arkansas Tech University will be assigned a permanent, randomly generated, student identification number.

All students born after January 1, 1957 must provide proof of immunizations by way of an official record from another educational institution, certificate from a licensed medical doctor, or an authorized public health department representative. Proof of the appropriate immunizations must be presented to the Office of Admissions upon enrollment to the university. Students may be exempted from the immunization requirements if there is a medical contraindication or if religious or philosophical belief prohibits immunizations. Exemptions must be obtained from the Arkansas Department of Health by emailing immunization.section@arkansas.gov.

Students who are enrolled in online classes ONLY and have declared an online major, may request an immunization waiver by contacting the Office of Admissions.

All students who hold resident alien status must provide a copy of their resident alien card documenting an unexpired status.

Entering freshmen must comply with the following admission requirements and freshman placement standards. This includes students who enter with college credit earned prior to high school graduation, during summer following high school graduation, or by advanced placement.

Residual college entrance exams taken on other college campuses will not be accepted for admission.

# **Entering Freshman/New Students**

New students to Arkansas Tech University must submit an application for admission, college entrance exam scores, an official record documenting completion of secondary requirements, and proof of immunization documenting 2 MMR vaccinations prior to registration. If you have concurrent

college credit, an official transcript from that institution is required. For Advanced Placement (AP), College Level Examination Program (CLEP), or International Baccalaureate (IB) credit, original score reports or copies embossed by your high school will need to be submitted prior to credit being awarded.

A minimum criterion for unconditional admission is listed below:

- 1 .Cumulative high school GPA of 3.0 or higher on a 4.0 grading scale
- 2 .Completion of Secondary School Core Curriculum

#### OR

- 1. Cumulative high school GPA of 2.0 or higher on a 4.0 grading scale
- 2 .Completion of Secondary School Core Curriculum
- 3 .Composite ACT score of 19 or above, composite SAT score of 1010 or above on the RSAT scale of 1600 or a composite SAT score of 1330 on the former SAT exam with a scale of 2400, or a composite Next Generation ACCUPLACER score of 246. Note: The ACT Writing exam is not required for admission purposes but is required for Education majors.

Please note, students admitted without test scores must submit either ACT, SAT, or ACCUPLACER scores for placement purposes prior to registration.

Freshmen who do not meet unconditional admission requirements will be conditionally admitted with a minimum composite ACT score of 15, a composite SAT score of 850 or above on the RSAT scale of 1600 or a composite SAT score of 1060 on the former SAT exam with a scale of 2400, or a composite Next Generation ACCUPLACER score of 229, and by completing college core with a 2.0/4.0-grade point average or minimum GED score of 580.

# **Secondary School Core Course Recommendation**

A minimum of twenty-two earned core course credits is required, from grades nine through twelve, for admission purposes. Two additional units of foreign language are recommended for college preparation. Asterisks indicate core courses required by Act 1290 for unconditional admission.

\*English - 4 units, with emphasis on writing skills, but not to include oral communications, journalism, drama, or debate.

\*Mathematics - 4 units, including algebra I and algebra II, geometry, and an advanced math course (or 3 units of math and 1 unit of Computer Science). The fourth unit may be college algebra or a higher level college math course, as long as three college credit hours are earned. It is strongly recommended that students take a math course during their senior year.

\*Science - 3 units with lab experience (or 2 units with lab experience and 1 unit of Computer Science).

Biology - 1 unit (All students must have 1 unit in Biology, IB Biology, ADE Biology, ADE Approved Biology Honors, or Concurrent Credit Biology.) Physical Science, Chemistry, or Physics - 2 units.

\*Social Studies - 3 units, [one (1) unit of world history, one (1) unit of U.S. history, one half (1/2) unit of civics]. \*see note beside economics

Computer Science - (optional) A flex unit of Computer Science and Mathematics, Essentials of Computer Programming, AP Computer Science, or IB Computer Science may replace the 4th math requirement or the 3rd science requirement. Two distinct units of the computer science courses listed above may replace the 4th math requirement and the 3rd science requirement. If the 4th math requirement and the 3rd science requirement have been met through other coursework, any of the computer science courses listed above may be used for career focus credit.

Oral Communications - 1/2 unit of oral communications.

Physical Education - ½ unit of physical education.

Health and Safety - 1/2 unit of health and safety.

Economics - 1/2 unit of economics. \*may be counted toward Social Studies or Career Focus

Fine Arts - 1/2 unit of fine arts.

Electives - 6 units of career focus electives.

### Freshman Placement Standards

In accordance with A.C.A. § 6-61-110, first-time entering undergraduate students who enroll in baccalaureate degree programs or associate-degree transfer programs must meet the following placement standards prior to enrollment in college-level mathematics, reading, or English composition courses. Remedial courses do not provide credit toward a degree.

**English Composition** – Students scoring 19 or above on the English section of the ACT or 510 or above on the writing section of RSAT or 251 or above on the writing section of the Next Generation ACCUPLACER exam may enroll in college-level English courses. Students not meeting the standard must successfully complete a developmental program.

**Reading** – Students scoring 19 or above on the reading section of the ACT, 510 or above on the reading section of RSAT, or 246 or above on the reading section of the Next Generation ACCUPLACER exam will be considered to have met minimal reading skill requirements. English composition may be taken concurrent with or subsequent to any required developmental reading program.

**Mathematics** – Below are the placement guidelines:

#### MATH 1003: College Mathematics and MATH 0803: Foundations of College Mathematics

ACT –Below 19 on mathematics section RSAT –Below 500 on the mathematics section ACCUPLACER – Below 250 on the Arithmetic section

### **MATH 1003: College Mathematics**

ACT – 19 or above on mathematics section
RSAT – 500 or above on the mathematics section
ACCUPLACER – 250 or above on the Quantitative Reasoning/Algebra or Arithmetic section

### MATH 0903: Beginning and Intermediate Algebra

ACT – Below 17 on mathematics section RSAT – Below 460 on the mathematics section ACCUPLACER – Below 243 on Quantitative Reasoning/Algebra section

#### MATH 1113: College Algebra and MATH 0903: Beginning and Intermediate Algebra

ACT – 17-18 on mathematics section RSAT – 460-490 or above on the mathematics section ACCUPLACER – 243-249 on Quantitative Reasoning/Algebra section

### MATH 1113: College Algebra and MATH 1110: College Algebra Lab

ACT – 19-20 on mathematics section RSAT – 500-520 or above on the mathematics section ACCUPLACER – 250-252 on Quantitative Reasoning/Algebra section

#### MATH 1113: College Algebra

ACT – 21 or above on mathematics section RSAT – 530 or above on the mathematics section ACCUPLACER – 253 or above on the Quantitative Reasoning/Algebra section

Students who are required to complete developmental program(s) in mathematics, English, and/or reading, must enroll in the appropriate course during their first semester at Tech and in each subsequent semester until the developmental program is completed successfully.

### **Former Students**

Students who have interrupted their attendance at Arkansas Tech University for more than one year or who have attended another university in the interim must reapply for admission. Additional documents may be required for readmission. Academic clemency may be granted in accordance with the clemency policy detailed in the Regulations and Procedures section.

# **Transfer Students**

Transfer students making application for admission to Arkansas Tech University must submit official transcripts from all colleges/universities where they have been officially registered. Students seeking transfer of credit from other institutions may be asked to provide a catalog or course description from the transfer institution.

Students with fewer than 24 semester hours of earned college-level credit must also submit an official final high school transcript and must request current transferable ACT or SAT scores be sent to the university. Exam scores will not be required if the English and mathematics general education requirements have been satisfied with grades of "C" or better. In the event that receipt of a student's transcript is unavoidably delayed, as may frequently occur at midyear, a transfer student may be admitted provisionally pending receipt of the official transcript. However, the university reserves the right to require immediate withdrawal if the previous record does not meet admission requirements.

Applicants for transfer must have earned a GPA of 2.00 (on a 4.00 scale) on all courses attempted and be eligible to re-enroll at the last college or university attended.

### **Transfer Credit**

ATU will recognize transfer credit from a U.S. institution provided that the institution is accredited by one of the six U.S. regional accreditation associations, and for courses that are approved for transfer by the Arkansas Department of Higher Education (ADHE) through the Arkansas Course Transfer System (ACTS), and for courses from any institution with which ATU has a formal Memorandum of Understanding regarding transfer credit. Acceptance of course credit may depend on the date that the institution was accredited or the date that a course was approved for transfer by ADHE. Transfer credit for coursework from institutions outside the U.S. will be considered on an individual basis. Students seeking transfer of credit from a foreign college/university must complete a credential evaluation through a Credential Evaluation Service authorized by Arkansas Tech University (a list of approved service providers can be obtained in the IMSSO or in the Registrar's Office). Transfer credit, although accepted by the university, is not guaranteed to be applicable toward meeting degree requirements for the particular program of study selected by the transfer student. For more detailed information on how transfer credit is determined and applied, please follow this link: https://www.atu.edu/registrar/transfer.php

The most current available course transfer information on file with the university will be used at the time of advising and/or registration. The student is responsible for having all up-to-date official transcripts on file with the university for use at that time. The student, not the university, is responsible for advising and/or registration issues that may arise due to official transcripts being submitted and placed on file after advising or registration has taken place.

For more detailed policy regarding transfer credit for the Departments of Electrical and Mechanical Engineering, please see their departmental pages at Department of Electrical Engineering and Department of Mechanical Engineering.

# Arkansas Course Transfer System (ACTS)

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students from the high school level through the adult workforce. This system contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and equitable treatment in the application of credits for admissions and degree requirements. Students may complete specified General Education courses anywhere in the public system as well as many courses in the degree/major that have been preidentified for transfer. Course transferability is not guaranteed for courses listed in ACTS as "No Comparable Course." Transferability of courses taken prior to January 1, 2007, is at the discretion of the receiving institution. The Arkansas Course Transfer System can be accessed at https://adhe.edu/ students-parents/transfer-info-for-students

Act 747 of 2011 establishes a statewide common course numbering system for postsecondary courses. The Arkansas Course Transfer System (ACTS) meets this requirement.

The following table lists those courses found within ACTS and the equivalent Arkansas Tech University course as of March 1, 2019. Please refer to the ACTS website (https://adhe.edu/students-parents/transfer-info-for-students) for the most up-to-date course listings.

ACTS Course Index Number	ACTS Course Index Name	Arkansas Tech University Course Number	Arkansas Tech University Course Name
ANTH1013	Introduction to Anthropology	ANTH 1213	Introduction to Anthropology
ANTH2013	Cultural Anthropology	ANTH 2003	Cultural Anthropology
ARTA1003	Art Appreciation	ART 2123	Experiencing Art
ARTA2003	Art History Survey I	ART 2103	Art History I
ARTA2103	Art History Survey II	ART 2113	Art History II
BIOL1004	Biology for Non-Majors	BIOL 1014	Introduction to Biological Sciences
BIOL1014	Biology for Majors	BIOL 1114	Principles of Biology
BIOL1034	Botany for Majors	BIOL 2134	Principles of Botany
BIOL1054	Zoology	BIOL 2124	Principles of Zoology
BIOL 2004	Introductory Microbiology	BIOL 2054	Microbiology for Health Sciences
BIOL2404	Human Anatomy and Physiology I *	BIOL 2404	Human Anatomy and Physiology I
BIOL2414	Human Anatomy and Physiology II *	BIOL 2414	Human Anatomy and Physiology II
CHEM1004	Chemistry I for General Education	CHEM 1113 /CHEM 1111	Survey of Chemistry

CHEM1214	Chemistry I for Health Related Professions	CHEM 1113/CHEM 1111	Survey of Chemistry and Lab
CHEM1224	Chemistry II for Health Related Professions	CHEM 2204	Organic Physiological Chemistry
CHEM1414	Chemistry I for Science Majors	CHEM 2124	General Chemistry I
CHEM1424	Chemistry II for Science Majors	CHEM 2134	General Chemistry II
CPSI1003	Introduction to Computers	COMS 1003	Introduction to Computer Based Systems
CRJU1023	Introduction to Criminal Justice	CJ 2003	Introduction to Criminal Justice
DRAM1003	Theatre Appreciation	TH 2273	Introduction to Theatre
ECON2103	Principles of Macroeconomics	ECON 2003	Principles of Economics I
ECON2203	Principles of Microeconomics	ECON 2013	Principles of Economics II
ENGL1013	Composition I	ENGL 1013	Composition I
ENGL1023	Composition II	ENGL 1023	Composition II
ENGL2013	Introduction to Creative Writing	ENGL 2043	Introduction to Creative Writing
ENGL2023	Introduction to Technical Writing	ENGL 2053	Technical Writing
ENGL2113	World Literature I	ENGL 2003	Introduction to World Literature
ENGL2653	American Literature I	ENGL 2013	Introduction to American Literature
FREN1013	French I	FR 1013	Beginning French I
FREN1023	French II	FR 1023	Beginning French II
FREN2013	French III	FR 2013	Intermediate French I
FREN2023	French IV	FR 2023	Intermediate French II
GEOG1113	Human Geography	GEOG 2023	Human Geography
GEOG2103	World Regional Geography	GEOG 2013	Regional Geography of the World
GEOG2223	Physical Geography	No Comparable Course	No Comparable Course
GEOL1114	Physical Geology	GEOL 1014	Physical Geology
GEOL1124	Environmental Geology	No Comparable Course	No Comparable Course
GEOL1134	Historical Geology	GEOL 2024	Historical Geology
GERM1013	German I	GER 1013	Beginning German I
GERM1023	German II	GER 1023	Beginning German II
GERM2013	German III	GER 2013	Intermediate German I
GERM2023	German IV	GER 2023	Intermediate German II
HEAL1003	Personal Health	HLED 1513	Personal Health and Wellness
HIST1113	World Civilizations I	HIST 1503	World History to 1500
HIST1123	World Civilizations II	HIST 1513	World History since 1500
HIST2113	United States History I	HIST 2003	United States History to 1877
HIST2123	United States History II	HIST 2013	United States History since 1877
	<u>I</u>		<u> </u>

MATH1103	College Algebra	MATH 1113	College Algebra
MATH1113	Quantitative Literacy/ Mathematical Reasoning	MATH 1003	College Mathematics
MATH1203	Plane Trigonometry	MATH 1203	Plane Trigonometry
MATH1305	Pre-Calculus	MATH 1914	Precalculus
MATH2103	Introduction to Statistics	STAT 2163	Introduction to Statistical Methods
MATH2203	Survey of Calculus	MATH 2243	Calculus for Business and Economics
MATH2405	Calculus I	MATH 2914	Calculus I
MATH2505	Calculus II	MATH 2924	Calculus II
MATH2603	Calculus III	MATH 2934	Calculus III
MUSC1003	Music Appreciation	MUS 2003	Introduction to Music
PHIL 1003	Introduction to Critical Thinking	PHIL 2053	Introduction to Critical Thinking
PHIL1103	Philosophy	PHIL 2003	Introduction to Philosophy
PHSC1004	Physical Science	PHSC 1013/PHSC 1021	Introduction to Physical Science and Physical Science Lab
PHSC1104	Earth Science	GEOL 1004	Essentials of Earth Science
PHSC1204	Introduction to Astronomy	PHSC 1053/PHSC 1051	Astronomy and Observational Astronomy Lab
PHYS2014	Algebra/Trigonometry-Based Physics I	PHYS 2014	Algebra-Based Physics I
PHYS2024	Algebra/Trigonometry-Based Physics II	PHYS 2024	Algebra-Based Physics II
PHYS2034	Calculus-Based Physics I	PHYS 2114	Calculus-Based Physics I
PHYS2044	Calculus-Based Physics II	PHYS 2124	Calculus-Based Physics II
PLSC2003	American National Government	POLS 2003	American Government
PLSC2103	State and Local Government	No Comparable Course	No Comparable Course
PSYC1103	General Psychology	PSY 2003	General Psychology
PSYC2103	Developmental Psychology	No Comparable Course	No Comparable Course
SOCI1013	Introduction to Sociology	SOC 1003	Introductory Sociology
SOCI2013	Social Problems	CJ/SOC 2033	Social Problems
SPAN1013	Spanish I	SPAN 1013	Beginning Spanish I
SPAN1023	Spanish II	SPAN 1023	Beginning Spanish II
SPAN2013	Spanish III	SPAN 2013	Intermediate Spanish I
SPAN2023	Spanish IV	SPAN 2023	Intermediate Spanish II
SPAN2023	Spanish IV	SPAN 2033	Intermediate Spanish II for Heritage Speakers
ACCT2003	Principles of Accounting I	ACCT 2004 **	Principles of Accounting I
ACCT2013	Principles of Accounting II	ACCT 2013 **	Principles of Accounting II

BLAW2003 Legal Environment of Business BLAW 2033** Legal Environment of Business	iness
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- \* Note Human Anatomy and Physiology I and Human Anatomy and Physiology II must be taken at the same institution to be transferable.
- \*\* Note Accounting and business courses are not general education core courses.
- \*\*\*Note Applied Technical Math courses not guaranteed for transfer.

### **International Student Admissions**

The Office of International Admissions is pleased to serve as the admissions office for international students studying at Arkansas Tech University (Tech). Any student who is not a United States citizen or a permanent resident of the United States is considered an international student. International students are subject to out-of-state tuition rates and an international student services fee as well as additional admission requirements. International students interested in applying for admission to Tech must submit the following documents:

- 1 .Application Submit a properly completed online application for international admission from https://ssbprod.atu.edu/pls/PROD/bwskalog.P\_DispChoices
- 2 . Application Fee A nonrefundable application fee of \$50 USD
- 3 .Academic Records All transcripts must be originals or school-certified copies of originals with official English translations. Notarized copies are not accepted.
  - i . **Entering Freshmen**: All applicants must submit appropriate academic records verifying previous educational attainment and the completion of secondary education requirements or the equivalency of US high school. This documentation should include grade/mark sheets as well as certificate/diplomas showing completion of secondary education equivalent to 12 years of US high school.
  - ii .Transfer Students: Students who have previously attended college either in the US or abroad must submit official transcripts from all colleges/universities where they have been officially registered. Students seeking transfer of credit from a foreign college/university must complete a credential evaluation through a company authorized by Arkansas Tech University (a list of approved service providers can be obtained on the Registrar's Office page) and submit catalog or course descriptions from the transfer institution. Students with fewer than 24 semester hours of earned college-level credit must also submit a high school transcript or the equivalency of a US high school transcript and diploma as well as complete an entrance exam such as the ACT, SAT or Accuplacer.
- 4 .Entrance Exam All applicants must complete the ACT, SAT or Accuplacer exam. Students who have not completed the ACT or SAT may take the Accuplacer exam on campus upon arrival and after admission to assist in advisement and course placement. However, if ACT or SAT scores are available, please provide this documentation along with the application for admission. Students with more than 24 semester hours of earned college-level credit and have successfully completed college-level English and mathematics courses are not required to take an entrance exam.
- 5 .English Proficiency Students who wish to apply for admission to the English Language Institute (ELI) are not required to demonstrate English proficiency. All other applicants should submit official documentation of meeting one of the following standards:
  - a .A minimum score of 500 on the written TOEFL (Test of English as a Foreign Language), 173 on the computerized TOEFL or 61 on the Internet-based TOEFL. Send your scores using the Arkansas Tech University's school code: 6010.
  - b.A minimum score of 5.5 on the International English Language Testing System (IELTS). Send your official score card to Arkansas Tech University.
  - c .An EIKEN score of Grade 2A. Send your official score card to Arkansas Tech University.
  - d .A minimum score of 42 on the PTE (Pearson Test of English).
  - e .For transfer students from US colleges/universities, one of the above mentioned documents can be provided or an official college/university transcript showing successful completion of college-level English Composition I and English Composition II with a grade of C or better.

NOTE: Test scores are only valid for 2 years. Please submit only those scores taken within two years from the time of application.

- 6 .Evidence of Sufficient Financial Support Undergraduate costs are estimated at \$24,580 USD for 9 months of study including tuition and fees, housing, meals, books and other living expenses. Applicants must provide evidence of the source and amount of funding used to support educational expenses. Documents must be issued within the 6 months previous to the time of application. Please add an additional \$3,000 per each dependent.
- 7 **Passport** Please provide a photocopy of your current passport as well as any previous visas to the US, I-20's and an I-94 card if available. The application for international admission and all supporting documents should be submitted by June 1 for the fall semester, November 1 for the spring semester, March 1 for the ELI Summer Session and April 1 for the Undergraduate Summer Session. Admission will not be granted until all supporting documentation as listed above has been received and evaluated. Upon acceptance, notification will be sent to the student along with an I-20 (Certificate of Eligibility).

Any deferral of admission requires updated evidence of financial support. The application fee may be applied to defer an application for admission in the same program for up to one (1) calendar year from the original application date. However, the applicant is responsible for paying a \$25 USD fee for each deferral within the calendar year. If an applicant does not complete the admission process within one (1) calendar year from the original application date, the applicant is responsible for submitting new application fees. Please send a written request for deferral to imsso@atu.edu along with the fee and updated financial support documentation within 60 days of the start date of your last admission.

Full payment of tuition and fees must be paid at registration each semester. International students are required to purchase a health insurance policy provided by the university. Tech receives no remuneration as a result of international student enrollment in the health insurance plan.

More detailed information regarding international student admissions may be obtained by contacting the Office of International Admissions, Brown Hall, Suite 104, Arkansas Tech University, Russellville, Arkansas, 72801-2222, USA; telephone 479-356-2217; fax 479-964-0522; email imsso@atu.edu, web www.atu.edu/imsso/admission.php.

### **Conditional Admission**

First-time entering freshmen and transfer students who have been denied admission may file a written appeal stating the applicant's grounds for appeal. The appeal should be addressed to the Director of Admissions seeking conditional admission. Students granted conditional admission will be admitted on academic probation.

# **Non-Degree Admission**

Arkansas Tech University serves the general public by allowing individuals to enroll in classes for professional development and self-fulfillment without meeting regular admission requirements. The student admitted under this policy, who later chooses to pursue a degree, must reapply for admission as a degree seeking student and meet standard admission policies. A maximum of 27 credit hours earned as a non-degree seeking student may be applied to a degree program. Financial aid benefits may not be granted to students admitted as non-degree seeking. For more information, call the Office of Admissions at (479) 968-0343.

# **High School – University Admissions**

Arkansas Tech University welcomes the opportunity to serve area schools by complementing their programs with special opportunities for students to enroll for college courses and earn college credit by attending Tech. In accordance with the Arkansas Code of 1987 Annotated, paragraph 6-18-223 makes provisions whereby a student who is enrolled in a public school in Arkansas and who has completed the eighth grade is eligible to enroll at Arkansas Tech University upon approval of the appropriate public school official, provided the student does not need developmental courses in mathematics, English or reading, and has a cumulative high school grade point average of 2.00 or greater on a 4.0 scale.

Once admitted and enrolled, concurrent students do not need to reapply for the concurrent program unless there is a break in fall/spring enrollment. Concurrent students must reapply when changing admission status, for example, from concurrent to entering freshmen. The course(s) agreed upon by the student and their high school must also be approved each term by a university official. The application for concurrent enrollment can be found at https://apply.atu.edu.

### **Undergraduate Senior Admission**

An undergraduate senior, registering the semester prior to graduation in a baccalaureate degree program at Arkansas Tech University, who does not need a full load of undergraduate courses to complete requirements for graduation, may request special permission from the Dean of Graduate College to enroll in no more than six (6) hours of graduate course work. The student's course load is not to exceed a total of fifteen (15) semester hours of graduate and undergraduate work combined during a fall or spring semester. The combined course load for a summer term is six (6) semester hours. The student must have a 3.00 cumulative grade point average to be eligible for admission as an undergraduate senior. Failure of a student to complete the bachelor's degree during the semester/term in which the graduate courses are taken will preclude the student from enrolling in additional graduate classes in subsequent semesters until the bachelor's degree is awarded. The form requesting approval to enroll as an undergraduate senior can be obtained at the Graduate College online at Request by Undergraduate Senior to Enroll in Graduate Classes.

Graduate courses do not count toward retention of undergraduate scholarship requirements. Prior to taking a mixed course load, students are encouraged to investigate the effects that graduate courses may make on institutional and/or state funded scholarship awards.

### Accelerated Bachelor to Master Degree Programs or Undergraduate Senior Admission

#### **Accelerated Bachelor to Master Degree Programs**

Colleges with existing Master's degree programs may offer an accelerated undergraduate to graduate degree program (designated as an Accelerated Bachelor's Plus Master's Degree Program) allowing qualified undergraduate students to register for graduate level credit hours as undergraduates and receive DUAL credit toward both undergraduate and graduate degrees within the designated programs that comprise the Accelerated Bachelor's to Master's Degree Program.

#### **Admission Requirements**

Students may apply in their Junior year for admission into the Accelerated Bachelor's to Master's Degree Program if the following conditions are met:

- Complete a minimum of 90 credit hours towards their Bachelor's degree
- Earn a minimum grade point average of 3.0 or better and maintain
- Complete an official application for admission to accelerated programs

#### **Program Requirements**

Applicants that complete the requirements above along with their respective departmental requirements will be accepted conditionally accepted to the accelerated graduate program as an undergraduate student. These students will be allowed to take a maximum of twelve (12) graduate level credit hours that can be double counted towards the Bachelor's degree and the Master's degree. Please note that only courses with grades B or better will be eligible to count toward graduate credit. Students must maintain a 3.0 GPA while completing the accelerated program.

All other general requirements for the Bachelor's and Master's degree programs that comprise an Accelerated Bachelor's to Master's Degree Program must be satisfied.

The curriculum will follow the existing curriculum in the undergraduate and graduate degree programs comprising the Accelerated Bachelor's to Master's Degree Program for more information on the course listing click on the approved programs below:

#### **Accelerated Bachelor to Master Degree Programs**

BA History to MA History

BA Journalism Broadcast Option to MA Multi-Media Journalism

BA Journalism Print Option to MA Multi-Media Journalism

BA Journalism Public Relations Option to MA Multi-Media Journalism

BA English to MA English

BA English for Teacher Licensure to MA Teaching English to Speakers of Other Languages

BFA Creative Writing to MA English

BA World Languages with Concentration in Spanish for Teacher Licensure to MA Teaching English to Speakers of Other Languages

BS in Health and Exercise Science to Master of Science in Strength and Conditioning Studies

BS in Health and Exercise Science Kinesiology Option to Master of Science in Strength and Conditioning Studies

BSBA Accounting to MBA Master of Business Administration

BSBA Business Data Analytics to MBA Master of Business Administration

BSBA Finance to MBA Master of Business Administration

BSBA Business Management to MBA Master of Business Administration

BSBA Digital Marketing to MBA Master of Business Administration

BS Emergency Administration and Management to EMHS Emergency Management and Homeland Security

BSEE Electrical Engineering to MENGR Electrical Engineering

BSEE Electrical Engineering Biomedical Option to MENGR Electrical Engineering

BSCMPE Computer Engineering to MENGR Electrical Engineering

BSME Mechanical Engineering to MENGR Mechanical Engineering

# **Non-Academic Rejection**

Please note that academic performance is not the sole criterion for admission to the university. The university may evaluate a person's behavior and background to determine their ability to maintain the standards of academic and professional conduct expected at the university. An evaluation may take into consideration current behavior and performance as well as past experiences and actions. Academically qualifying for admission does not guarantee admission.

# **ACT (American College Testing) Program**

Entering freshmen are required to provide Arkansas Tech University with American College Testing (ACT) Assessment scores for purposes of admission, academic placement, and the awarding of academic scholarships. The ACT, which covers English, mathematics, reading and science reasoning, is administered six times per year at test centers, such as high schools, colleges and universities, across the nation. ACT information and registration forms may be obtained from local high schools, colleges, or universities.

You may also contact the Arkansas Tech University Testing Center for ACT information. In addition, you may correspond directly with ACT at American College Testing Program, P.O. Box 168, Iowa City, Iowa 52243.

The 2022-2023 ACT national test schedule is as		
Test Date		
September 10, 2022		
October 22, 2022		
December 10, 2022		
February 11, 2023		
April 15, 2023		
June 10, 2023		
July 15, 2023 (not scheduled in New York)		
The 2023-2024 ACT national test schedule is a	s follows:	
Test Date		
September 9, 2023		
October 21, 2023		
December 9, 2023		
February 10, 2024		
April 6, 2024		
June 8, 2024		
July 13, 2024 (not scheduled in New York)		
Please check the ACT website for registration detest schedule at www.actstudent.org.		

### **Student Retention and Graduation Rates**

For information about retention and graduation rates at Tech, go to Student Right To Know Information at https://www.atu.edu/righttoknow/.

# Selecting a Major Field

Arkansas Tech University encourages students to give serious thought to the selection of a major field of study. They should determine the academic pursuits that lead to the vocations most attractive, not only in financial gain, but in interest as well. They should then examine the program of study most closely related to their interest areas. Arkansas Tech provides students with an online career and education planning tool called FOCUS 2 to help with choosing a major. For access to FOCUS 2 and other helpful information on choosing a major, visit the Career Services page at https://www.atu.edu/ career/.php

# **Undecided Study**

Many students entering the University have not chosen a major. The individual who has not decided on a major may enroll in general education courses which are required of all candidates for the baccalaureate degree (see General Education Requirements). All undergraduate students, who have earned less than 60 credit hours, will be assigned to the Academic Advising Center. The Academic Advising Center is located in Rothwell Hall, room 107, and can be contacted by calling (479) 964-0843. Students enrolled as "undecided" may select a major at any time; however, a student must select a major during the semester in which the student earns 45 credit hours.

# **Procedure for Scheduling Courses**

Detailed procedures for registration/early registration are available each semester online at www.atu.edu. Prior to enrollment, students, in consultation with an academic advisor in their major field of study, prepare a class schedule and officially register for classes, pay fees and, if living on campus, pay room rent and board.

### **Course Information**

All courses taught at Arkansas Tech University are listed alphabetically by subject area in the Course Descriptions section. Course symbols, the four-digit numbers used to identify courses within a department, have the following significance: the first digit of the number denotes the year level at which the course is given; the second and third digits differentiate the course from others in the department; the fourth digit shows the number of credit hours given. Typically an "hour of credit" requires one hour of classroom work per week for the duration of a semester.

# **Graduate Program**

The requirements for the degree of master of education, master of science, master of business administration, master of science in nursing, master of engineering, master of liberal arts, master of arts in teaching, educational specialist degree and the doctor of education in school leadership are set forth in the publication entitled "Graduate Catalog". Information may be obtained by contacting the Dean of the Graduate College, telephone (479) 968-0398.

### FEES AND EXPENSES

Students enrolling at Arkansas Tech University are assessed tuition and fees to cover the costs of instruction and other student services common to a university setting. Additionally, certain courses requiring individual instruction or special facilities carry fees which are listed with the course description.

Students enrolling for twelve or more semester hours of undergraduate courses for the fall or spring semester are considered full-time. Tuition is assessed for each course at the appropriate credit-hour rate according to residency for full-time and part-time students. Instate tuition is \$249.78 per credit hour (\$499.56 per credit hour for out-of-state students).

Students enrolled for any semester, including summer sessions, are assessed a \$17.77 per credit hour technology operations fee, a \$13.16 per credit hour instructional support fee, a \$19.33 per credit hour facilities fee, a \$2.68 per credit hour student activity fee, a \$9.35 per credit hour health and wellness fee, a \$21.63 per credit hour athletic student fee, a \$2.45 per credit hour public safety fee, a \$1.39 per credit hour library fee and a Student Union/Recreation Center fee: \$16.95 per SSCH.

Students in a *qualified* online program, meeting certain criteria will not pay the Public Safety Fee, Student Recreation/Student Union Fee and Student Activity Fee. This criterion is defined as students who are enrolled in a *qualified* online program that can be completed entirely online, are enrolled in a semester of entirely online coursework, and have no physical presence on campus.

All fees and charges to students are set by the University's Board of Trustees. Every attempt is made to establish charges in time to appear in the catalog; however, when this is not possible, estimated charges are shown. The University reserves the right to change fees and charges at any time if conditions necessitate or permit the change.

Total University charges for instate residents for the school year (twelve hours fall and spring semesters) are estimated as follows:

Tuition (based on 12 credit hours) fall and spring semesters)	\$5994.72
Technology Operations Fee (\$17.77 per credit hour)	\$426.48
Student Activity Fee (\$2.68 per credit hour)	\$64.32
Instructional Support Fee (\$13.16 per credit hour)	\$315.84
Facilities Fee (\$19.33 per credit hour)	\$463.92

Health and Wellness Fee (\$9.35 per credit hour)	\$224.40
Athletic Student Fee (\$21.63 per credit hour)	\$519.12
Public Safety Fee (\$2.45 per credit hour)	\$58.80
Library Fee (\$1.39 per credit hour)	\$33.36
Student Union/Recreation Center Fee: (\$16.95 per credit hour)	\$406.80
Room and board:	
Residence Hall with Meal plan (average)*	\$8525
University Commons Apartments	from \$6550 to \$7940
Books and supplies (estimated)	\$2575

<sup>\*</sup>Average of the highest and lowest double room residence hall added to the average of the highest and lowest meal plan for on campus.

Certain courses may also have fees attached. See individual course descriptions to determine whether a course fee is applicable.

For information about a payment plan and full payments online, go to: https://www.atu.edu/stuaccts/ or https://onetech.atu.edu. Meal plans without board must be paid prior to the start of each term.

### **Fees and Charges**

Prices quoted are rates currently in place for the 2023-2024 academic year. All rates are subject to change as necessary.

Undergraduate tuition <sup>1,2</sup>	Instate	Out-of-State
Full-time (12 credit hours per semester)	\$2997.36	\$5994.72
Summer and part-time (per credit hour)	\$249.78	\$499.56
Graduate tuition <sup>1,2</sup> (per credit hour)	\$314.50	\$314.50
Graduate Application Fee	\$40	\$40
Doctoral tuition (per credit hour)	\$314.50	\$314.50
Doctoral Application Fee	\$50	\$50
Instructional support fee (per credit hour)	\$13.16	\$13.16
Facilities fee (per credit hour)	\$19.33	\$19.33
Student activity fee (per credit hour)	\$2.68	\$2.68
Technology operations fee (per credit hour)	\$17.77	\$17.77
Health and Wellness Fee (per credit hour)	\$9.35	\$9.35
Athletic student fee (per credit hour)	\$21.63	\$21.63
Public Safety fee (per credit hour)	\$2.45	\$2.45
Library fee (per credit hour)	\$1.39	\$1.39

Student Union/Recreation Center Fee (per credit hour)	\$16.95		\$16.95
Late registration fee		\$25	
Course change fee		\$10	
Online/Mixed Technology fee (per credit hour assessed on all distance learning/mixed technology courses)		\$10	
International Student service fee (per semester fall/spring/summer)		\$50	
Residence Hall Board Charges (Each fall and spring semester)			
Unlimited meals per semester + \$100 Declining Balance Dollars (Tech Platinum 1)		\$1981	
Unlimited meals per semester + \$175 Declining Balance Dollars (Tech Platinum 2)		\$2056	
210 meals per semester + \$100 Declining Balance Dollars (Tech Gold 1)		\$1804	
210 meals per semester + \$175 Declining Balance Dollars (Tech Gold 2)		\$1879	
10 meals per week + \$100 Declining Balance Dollars (Tech Silver 1)		\$1689	
10 meals per week + \$175 Declining Balance Dollars (Tech Silver 2)		\$1764	
65 meals per semester plus \$100 Declining Balance Dollars- Commuter Plan (Plan D)		\$735	
40 meals per semester plus \$100 Declining Balance Dollars- Commuter Plan (Plan E)		\$518	
\$500 in Declining Balance Dollars (Plan F)		\$500	
\$300 in Declining Balance Dollars (Plan G)		\$300	
Residence Hall Board Charges (Summer Semester)			
100 Meals + \$50 DCB		\$871	
65 Meals + \$75 DCB		\$633	
30 Meals + \$75 DCB		\$321	
\$500 in Declining Balance Dollars (Plan F)		\$500	

University Commons Apartments			
Jones Hall	\$1,025	\$1,425	
Stadium Suites	\$1,025	\$1,425	
Paine Hall	\$1,025	\$1,425	
Nut Hall	\$1,025	\$1,425	
M Street Hall	\$1,025	\$1,425	
Baswell Hall	\$1,025	\$1,425	
Tucker Hall	\$825	\$1,225	
Wilson Hall	\$825	\$1,225	
Turner Hall	\$825	\$1,225	
Brown Hall	\$825	\$1,225	
Hughes Hall	\$825	\$1,225	
Residence Hall Room Charges - Summer 2023	Double	Single	
4 bedroom apartments (Each fall and spring semester)		\$3275	
2 bedroom apartments (Each fall and spring semester)		\$3970	
University Commons Apartments			
Caraway Hall - Sorority Housing	\$1990	\$1592	n/a
Stadium Suites	\$2780	n/a	n/a
Paine Hall	\$2780	n/a	n/a
Nutt Hall	\$2780	\$2224	n/a
M Street Hall	\$2780	\$2224	n/a
Baswell Hall	\$2780	n/a	n/a
Tucker Hall	\$2115	n/a	n/a
Jones Hall	\$2780	n/a	n/a
Wilson Hall	\$2115	n/a	n/a
Turner Hall	\$2115	n/a	n/a
Brown Hall	\$2115	n/a	n/a
Hughes Hall	\$1990	n/a	n/a
Private Room \$600-\$750 additional charge			
Residence Hall Room Charges - Per Fall/Spring Semester	Double	Triple	Quad
(Plan G)			

2 bedroom apartments (Summer 2023)	\$1,200		
4 bedroom apartments (Summer 2023)	\$1,200		
Residence Life Activity Fee (Per Semester)		\$30	
Returned check		\$10	
Stop Payment		\$35	
Replacement of ID card		\$25	
Post office box rent (required of students living in university housing)			
Per semester (fall/spring)		\$15	
Summer term		\$15	
Auto registration		\$45	
Parking fees and fines (see Traffic Regulations)			
(All students parking on campus must have parking permits.)			
<sup>1</sup> Students who enroll for undergraduate and graduate courses will be charged according to the course classification.			
<sup>2</sup> Required course fees are listed along with the appropriate course descriptions.			

# **Estimated Living Expenses**

All students living in residence halls are required to purchase a meal plan (exceptions - Vista Place and University Apartments); Declining Cash Balance Dollars (DCB) may be used in Chambers Cafeteria, Baswell Techionery, and Convenience Store.

Payment for room and board is due and payable prior to the start of the semester. For information about setting up a payment plan online, go to: https://www.atu.edu/stuaccts/or https://onetech.atu.edu. Room and board charges are subject to change.

When space permits, students may be allowed single occupancy of a residence hall room. The additional charge of \$600 - \$750 per semester is payable in full upon receipt of the monthly statement.

Residence halls are closed between fall and spring semesters, with the exception of Jones, Stadium Suites, University Commons Apartments, Vista Apartments and Wilson. However, residents may remain in the residence halls during this period provided they submit proper paperwork to the Department of Residential Life to gain approval. There will be an additional cost for residents approved to remain in the residence halls over this break period. Residents may remain in the residence halls during all other breaks, provided they notify the residence hall staff of their intentions prior to the break period.

University Commons apartments are available to upper-class students. No board plan is required, and students are able to sign a nine-month academic year contract. Two bedroom and four bedroom apartments are available.

# **Payment of Accounts**

Tuition and all other fees and charges are due and payable prior to the start of each term. Financial settlement may be made by personal payment or AUTHORIZED financial aid (loans, scholarships, grants, third parties, etc.). Credit card and eCheck payments are only accepted through OneTech under "Payment Options". A 2.75% convenience fee will apply toward full payment of student's accounts made via a merchant card and a 2.85% convenience fee will apply toward the payment plan option made via a merchant card. Cash and check payments may be made at the Student Accounts cashier window in RCB Room 241. Registration is not complete until all financial obligations have been met satisfactorily. Failure to make financial settlement may result in cancellation of the class schedule.

Monthly billing statements are electronic. Near the first of each month, notification and information for access will be provided to students via the individual student e-mail address and online via OneTech. Students are responsible for accessing billing statements and printing a paper copy, if desired. Students registering between billing cycles are responsible for accessing their charges online or contacting Student Accounts to insure correct payment by the required due date. Payment is due even if billing statement is not received.

Students with delinquent accounts are not eligible for transcripts, recommendations, advance registration, or readmission to any term. Collection fees for outstanding debts owed to the University will be assessed to the student.

Arkansas Tech University requires students to acknowledge the Financial Responsibility Statement. The purpose of the Financial Responsibility Statement is to increase awareness of student financial obligations. Holds will be placed on accounts that have not acknowledged the Financial Responsibility Statement. This hold will prevent registration and transcripts. Any questions regarding the Financial Responsibility Statement should be directed to the Student Accounts Office.

The University reserves the right to amend or add to the regulations of the institution, including those concerning charges and methods of payment, and to make such changes applicable to students enrolled in the University, as well as to new students..

# Important Information for Reduction of Tuition and Fees for Official Withdrawal

The following reduction information specifically addresses courses that begin and end with the main term dates for Spring, Summer and Fall, as listed in the Academic Calendar. Courses with beginning and/or ending dates that are different than the main terms listed above may have different reduction periods. It is the students' responsibility to consult the Student Accounts or Registrar's Office for these reduction dates prior to withdrawing. Withdrawal dates for courses with beginning and/or ending dates outside the traditional term can be found at: https://www.atu.edu/registrar.

In the event a student is receiving financial aid, any refund amount attributable to a loan, grant, or scholarship may be returned to the appropriate account and not to the student. Students receiving Federal financial aid funds will have those funds adjusted according to the Federal regulations governing these programs. Aid will be returned in the following order up to the amount of the original disbursement: Federal Direct Loan Programs, Federal Direct PLUS Loan Program, Federal Pell Grant Program, Federal SEOG Program, Arkansas Department of Higher Education Programs, Tech scholarships and private aid. Additionally, students who have received Federal aid money will be sent a letter after their withdrawal informing them of any amount to be repaid. These repayments will be made through the Student Accounts Office. The student will be ineligible to register for additional courses until the required payments are made.

## Reduction of Tuition and Fees for Official Withdrawal - Summer Semester

Students registering for a summer session, but officially withdrawing from the courses by the end of the second day of the summer session, as listed in the Academic Calendar will receive a 100 percent reduction of tuition and fees. Students registering for a summer session, but officially withdrawing from the University by the end of the fifth day, as listed in the Academic Calendar will receive an 80 percent reduction of tuition for courses which they are enrolled in at time of withdrawal. No reduction in tuition will be made after the fifth day of the summer session. No reduction of fees will be made after the second day.

Courses with unusual beginning and ending dates may have different reduction dates. It is the students' responsibility to verify dates with Student Accounts or the Registrars' Office prior to withdrawing. Find your specific course reduction dates at https://www.atu.edu/registrar/ and click on "Dates for Adding and Dropping Condensed Courses."

# Reduction of Tuition and Fees for Official Withdrawal - Spring and Fall Semesters

Students registering for the fall or spring semester but officially withdrawing from the University by the end of the fifth day of the semester, as listed in the Academic Calendar will receive a 100 percent reduction of tuition and fees. Room and Board will be reduced on a pro rata basis. Thereafter, students officially withdrawing by the end of the eleventh day of the semester will receive an 80 percent reduction of tuition only for courses in which they are enrolled at time of withdrawal. No reduction in tuition will be made after the eleventh day of the semester. No reduction in fees will be made after the fifth day of the semester.

Courses with unusual beginning and ending dates may have different reduction dates. It is the students' responsibility to verify dates with Student Accounts or the Registrars' Office prior to withdrawing. Find your specific course reduction dates at https://www.atu.edu/registrar/ and click on "Dates for Adding and Dropping Condensed Courses."

# Reduction of Tuition/Fees for Dropping to Fewer Hours

Students dropping to fewer hours before the end of the second day of the semester in a summer session, as listed in the Academic Calendar will receive 100 percent reduction for the courses which are dropped. Students dropping to fewer hours before the end of the fifth day of the semester in a summer session as listed in the Academic Calendar will receive an 80 percent reduction for the courses which are dropped. No reduction in tuition will be made after the fifth day of the semester. No reduction in fees will be made after the second day.

Students enrolled for the fall or spring semester who drop courses by the end of the fifth day of the semester, as listed in the Academic Calendar will receive a 100 percent reduction of tuition for the courses dropped. Thereafter, students enrolled who drop courses before the end of the eleventh day of the semester will receive an 80 percent reduction of the courses dropped. No reduction will be made after the eleventh day of the semester. No reduction in fees will be made after the fifth day of the semester.

Courses with unusual beginning and ending dates may have different reduction dates. It is the students' responsibility to verify dates with Student Accounts or the Registrars' Office prior to withdrawing. Find your specific course reduction dates at https://www.atu.edu/registrar/ and click on "Dates for Adding and Dropping Condensed Courses."

## **Reduction of Room and Board**

A student withdrawing from school will be charged pro rata room and board to the date of official check-out from the residence hall. It is the student's responsibility to make arrangements to do a complete check-out with their hall staff upon withdrawal from the university. Students moving from the residence hall at their request during an academic year will be charged a cancellation fee accordingly as outlined in the Terms and Conditions of Occupancy (contract). Students moving into residence halls during a semester will pay a pro rata charge on room and board.

# **Out-of-State Residence Status for Tuition and Fee Purposes**

Students classified as "out-of-state" must pay out-of-state tuition as shown in the section entitled "Fees and Charges."

No student under the age of 21 shall be admitted to Arkansas Tech University and classified as instate for fee purposes unless the parent or legal guardian is a bona fide domiciliary of Arkansas and has resided in this state in that status for at least six consecutive months prior to the beginning of the term or semester for which the fees are to be paid.

Any student age 21 or older must be a legal resident of Arkansas and must have lived in the state for at least six consecutive months prior to the beginning of the term or semester for which fees are to be paid to be classified as an instate student.

All undergraduate students who are legal residents of states which are contiguous to Arkansas (specifically, Louisiana, Mississippi, Missouri, Oklahoma, Tennessee, or Texas) shall receive a waiver of out-of-state tuition charges.

A student from outside of Arkansas entitled to be treated as an instate student for fee purposes should complete an "Application for Residency Classification as Instate Domiciliary" and supply evidence to that effect.

# In-State Tuition for Military Personnel, Veterans and Dependents

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at http://www.benefits.va.gov/gibill

Regardless of residence, Arkansas Tech University shall classify a student as in-state or resident for the purpose of tuition and fees applicable for all programs of study, including distance learning programs, if the student is a:

- 1 .Veteran who was discharged or released from a period of not less than ninety (90) days of active duty in the military, naval, or air service within three (3) years before the date of enrollment in a program of study;
- 2 .Dependent of a veteran under subdivision (1) above;
- 3 .Member of the armed forces;
- 4 .Spouse of a member of the armed forces;
- 5 .Veteran using educational assistance under either Chapter 30 (Montgomery G.I. Bill®) Active Duty Program) or Chapter 33 (Post-9/11 G.I. Bill®), of Title 38 of the United States Code, who lives in the State of Arkansas while attending a school located in the State of Arkansas (regardless of his/her formal State of residence) and enrolls in the school within three years of discharge from a period of active duty service of 90 days or more;

- 6 .Spouse or child using transferred Post-9/11 G.I. Bill® benefits (33 U.S.C. §3319) who lives in the State of Arkansas while attending a school located in the State of Arkansas (regardless of his/her formal State of residence) and enrolls in the school within three years of the transferor's discharge from a period of active duty service of 90 days or more;
- 7 .Spouse or child using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S. §§3311(b)(9)) who lives in the State of Arkansas while attending a school located in the State of Arkansas (regardless of his/her formal State of residence) and enrolls in the school within three years of the Servicemember's death in the line of duty following a period of active duty service of 90 days or more;
- 8 .Person who initially met the requirements set out in sections 5, 6, or 7 will maintain "covered individual" status as long as he or she remains continuously enrolled (other than during regularly schedules breaks between courses, semesters, or terms) at the same school even if he or she is outside the 3-year window or enrolls in multiple programs. For purposes of a student who is eligible for in-state tuition solely under sections 5, 6, or 7 above, that person must have enrolled in the school prior to the expiration of the three year period following discharge or death described above in sections 5, 6 or 7 and must be using educational benefits under either Chapter 30 or Chapter 33 of Title 38 of the United States Code; or 9 .Member of the armed forces or "covered individual" as identified in Section 702 of the Veterans Access, Choice and Accountability Act of 2014.

### STUDENT AFFAIRS OPERATIONS

### **Campus Life**

While academic achievement leading to graduation is the reason for attending Arkansas Tech University, the experiences that students have outside the classroom prove to have a lifelong impact. Experiences offered through Campus Life enhance maturity, leadership, time management, friendships, career development, and civic engagement along with many other essential life skills.

Campus Life offers programs and services in the following areas: campus recreation, co-curricular experience, facilities, Fraternity and Sorority, leadership programs, new student orientation, outdoor recreation, registered student organizations, service initiatives, spirit squads, and student activities.

For more information, please visit: www.atu.edu/campuslife

#### **Campus Recreation**

Campus Recreation provides participation in a variety of sport, fitness and recreation events that stimulate student learning and personal development while enhancing the quality of life for Arkansas Tech University students. Campus Recreation achieves this mission by providing opportunities for a diversified population to recreate, exercise and socialize through a variety of programs within intramural sports, fitness, outdoor recreation, club sports, and various special events.

For more information, please visit: www.atu.edu/campusrecreation

#### Civic Engagement

Arkansas Tech University collaborates with community-based organizations to prepare students to be socially responsible leaders and citizens through active service and participation in democracy. Students will learn to build a culture of civic responsibility through experiential learning and volunteerism. Arkansas Tech University broadens and deepens students' thinking about complex and interconnected social issues affecting our world today.

For more information, please visit: www.atu.edu/service

### Co-Curricular Experience (On Track)

On Track is a co-curricular experience designed to enhance student development beyond the classroom setting, encourage students to network socially among peers and to include students in traditional and signature University events. Each semester, a map of events and activities will be available to students categorized by interest.

For more information, please visit: www.atu.edu/ontrack

#### Commuter Student Services

Commuter Student Services is committed to providing support services to help facilitate commuter student success and foster a connection to the Arkansas Tech University community. Our goal is to ensure that the unique needs of commuter students are acknowledged and addressed by our campus community. In conjunction with OnTrack, we provide quality programming and support to students who don't live on campus.

For more information, please visit: www.atu.edu/commuter

#### First-Generation Students

Did you know there are thousands of students at Arkansas Tech University who are the first in their family to attend college? While being the first to do anything can be a bit scary, going off to college is also a major life milestone. Being a first-generation student is a very proud accomplishment! We recognize that you will face unique experiences as you begin this exciting journey. Thankfully, there are many resources here at TECH that can help you connect and thrive on campus.

There are many ways to define the term "first-generation." At Arkansas Tech University, we define first-generation students as those whose parents or legal guardian did not graduate from a four-year institution. First-generation students may be the very first person in their families to attend a four-

year university, or they may have older siblings who have attended college. First-generation students make up approximately one-third of our student body! We also have numerous faculty and staff who were first-generation college graduates!

Whether you are a freshmen starting your college journey or a junior exploring career options, we are here to help you discover your path, take advantage of resources and become a college graduate. Because at Arkansas Tech University, Every Student Counts.

For more information, please visit: www.atu.edu/firstgen

#### Fraternity and Sorority Life

By emphasizing academic excellence, active participation in community service and philanthropic activities, ongoing leadership development, and social excellence, the Office of Fraternity and Sorority Life helps promote fraternities and sororities as an integral and productive part of the Arkansas Tech community. The Office of Fraternity and Sorority Life provides guidance and support for governing councils (Interfraternity Council and College Panhellenic Council), Greek organizations, and the Order of Omega Honor Society.

For more information, please visit: www.atu.edu/fsl

#### Leadership

To fully reach ones potential in their chosen field, our students will need a more than a baseline understanding of their personal leadership skills in addition to an understanding of how they function within a group. Programs and services offered in this area will allow students the space to learn and experiment with differently leadership styles to gain a better personal understanding of how they can be most impactful currently and in their career. Designed for all levels of students, from freshmen to graduate students – these experiences are a must have with all degree programs.

For more information, please visit: www.atu.edu/leadership\_programs

#### Orientation [Tech Connect]

Orientation is a mandatory program held before classes begin in the fall semester (in spring for transfer students). Orientation is designed to help incoming freshman and transfer students transition into college and outlines the University's academic, social and developmental opportunities. The program includes information about resources available on campus and focuses on preparing students for academic and personal success at Arkansas Tech.

For more information, please visit: www.atu.edu/orientation

#### Outdoor Recreation

Outdoor Recreation exists to provide students an outlet to develop their physical and emotional health in the outdoors. Through being active, students will gain a mutual respect for themselves, one another and the environment. To better experience the natural beauty that Arkansas has to offer, hiking, rock climbing, canoeing and other outdoor recreational trips are offered each semester. In addition to free trips, the outdoor recreation department also provides outdoor gear check-outs for mountain bikes, hammocks, tents, canoes and kayaks. Outdoor Recreation brings students from all backgrounds together to play in natural team settings, further promoting the global community at Arkansas Tech University.

For more information, please visit: www.atu.edu/outdoorrecreation

### Registered Student Organizations

Arkansas Tech has over one hundred Registered Student Organizations. These organizations are run by students who produce their own programming and initiatives to fulfill their individual purposes. This is an opportunity for students to apply what they have learned in the classroom to real world experiences.

For more information, please www.atu.edu/rso

### Spirit Squads

The Tech Cheer squad is composed of up to sixteen members. The Golden Girls dance team is composed of up to fourteen members. The squads are selected each spring to serve for the following academic year. Tech Cheer participates in all home and selected away football, basketball, and volleyball games. The Golden Girls participate and perform at all home football and basketball games. Both squads participate in pep rallies throughout the year as well as campus and community related events.

For more information, please visit: www.atu.edu/spirit

#### Student Activities

Fully engaging students in their college experience requires not only academic experiences but also a diverse offering of activities and programs to meet their social and personal needs. Student Activities meets these needs by providing various events throughout the year to include comedians, movies, carnivals, dances, educational speakers, spirit programs, and many more! There are numerous leadership opportunities available through the Student Activities Board.

For more information, please visit: www.atu.edu/sab

### **Counseling Services**

Counseling services provides counseling, consultation, and outreach to the Arkansas Tech University community. The counseling staff is committed to promoting the educational mission of the university by working with the campus community to establish and maintain healthy and effective behavior patterns and lifestyles that enhance learning and personal development. The range of services provided includes personal counseling for students in individual, couples, or group sessions. The staff provides consultations to students, parents, staff, faculty and administration. There is a small library of self-help books and videos, and a variety of informational brochures available. Presentations and outreach programming are scheduled throughout the year and are available upon request.

Services are provided Monday-Friday from 8:00 am-5:00 pm year round. Counseling Services is staffed by licensed counselors trained to provide professional counseling services. For additional information, please visit the Health and Wellness Center in Doc Bryan 119 or call 479-968-0389.

For more information, please visit: www.atu.edu/hwc/counseling

### **Department of Public Safety**

The Department of Public Safety is located at 716 North El Paso Avenue. To report a crime or request information, contact Public Safety at 479-968-0222. In an Emergency, Call 911. Public Safety maintains direct contact with the Pope County 911 Communications Center for all emergency services. If is the responsibility of Public Safety to investigate all reports of criminal activity and accidents that occur on University property.

Visit Public Safety's website at www.atu.edu/psafe for information on services provided.

### **Disability Services for Students**

The Office of Disability Services (DS) facilitates reasonable accommodations in programs, services, and activities to enable students with disabilities access to the same opportunities as their peers. Disability Services staff make accommodation determinations based on documentation provided by the student, including medical and psychological evaluations. Students must self-identify through an application process and meet with a Disability Services staff member for determination and facilitation of reasonable and appropriate accommodations. For information on registering with the Disability Services office or to make an appointment with a staff member, please call (479) 968-0302, TTY: (479) 964-3290, email at disabilities@atu.edu, or stop by the office located in the Doc Bryan Student Services Building, Suite 141. An online application for services can be found at https://www.atu.edu/ disabilities/

### **Diversity and Inclusion**

The Department of Diversity and Inclusion (DDI) focuses on enhancing and supporting the experiences of students within underrepresented populations. While promoting a campus environment and culture that celebrates inclusiveness and multiculturalism, DDI aims to support students from their firstyear until graduation by executing equity over equality.

For more information, please visit our website at www.atu.edu/diversity or contact us by phone at 479-880-4358 or by email at diversity@atu.edu

### **Health and Wellness Center**

Recognizing that optimum health is essential to effective learning, the university maintains health services available to all students. The Health and Wellness Center, located in Doc Bryan, Suite 119, provides confidential treatment of minor injuries and illnesses through a well-equipped facility and within the scope and practice of the nursing staff. The nurses make appropriate referrals to local health care providers when necessary.

The university assumes no financial responsibility for student care other than that provided by the Health and Wellness Center. Students are urged to carry their own health insurance.

In addition to clinical services, a wide range of health promotion and educational programs are provided in a variety of campus settings.

Patient Hours are Monday-Friday, 8:00 am-5:00 pm. Students are strongly encouraged to make appointments; however, available walk-in times are from 8:20 am to 4:00 pm on Monday - Friday on a first call basis.

The Health and Wellness Center staff can be contacted by phone at 479-968-0329. More information is available at www.atu.edu/hwc.

### **International Student Services**

The Department of International Student Services (ISS) provides support services designed to enrich the college experience for international students. The office provides the opportunity for cultural exchange and aids in helping all Tech students develop global competence to appreciate cultural differences.

The ISS offers a wide range of services for international students, including orientation, immigration updates, cross-cultural programming, and other support services necessary to ease the transition of international students into the U.S. culture.

For more information, please visit: www.atu.edu/imsso

#### Office of Student Success

#### **Norman Career Services**

Career planning is an integral component of a student's educational experience. Norman Career Services is committed to helping students research major and career options that correspond with their individual skills, personal values, interests, and goals. Norman Career Services also provides an online career management program, Hankshake, for students and graduates who are searching for internships, on-campus, part-time, and/or full-time positions. Norman Career Services strives to guide students as they embark on a journey to discover their true potential and develop the professionalism required to fulfill their career goals. You can visit Norman Career Services in Rothwell Suite 107, call at (479) 968-0278, or email at career.services@atu.edu.

Services include: career planning and development (resume reviews, mock interviews, career action plans, etc.), as well as major and career exploration.

Events include: career fairs, workshops, etiquette dinners, information sessions, and on-campus recruiting and interviews.

Follow us on Twitter & Insta @ATUCareers. Online at www.atu.edu/career. Check us out on Facebook at Arkansas Tech University-Career Services. atu.joinhandshake.com

### **Residence Life**

The Department of Residence Life exists as a vital part of the educational program and academic support services of the University. The Department of Residence Life strives to provide a clean, well-maintained, and safe living environment that is conducive to study and will foster a meaningful growth experience. Activities and programs presented within the residence halls are designed to develop a community which encourages educational opportunities while promoting maturity, responsibility, and above all, academic success.

Single students between the ages of 18 and 21, and with fewer than 60 earned credit hours of college work, who are University main campus (Russellville, Arkansas) students are required to live on campus, as space permits, in University owned housing facilities. These students are required to purchase a meal plan unless living in the University Commons Apartments. Exemptions to the On-Campus Residency Requirement include: students living in their parent or legal guardian's permanent home within 30 miles driving distance of the Russellville, Arkansas campus, married students, or students with dependent children. Students under the age of 18 between August 17, 2022 and December 31, 2022 must sign the Arkansas Tech University Waiver and Release of Liability for a Minor Living on Campus prior to being allowed to sign a housing contract and live in On-Campus housing. The Arkansas Tech University Waiver and Release of Liability for a Minor Living on Campus is available through the Office of Residence Life at www.atu.edu/reslife/. Students 17 or under on or after January 1, 2023 are not permitted to live in University owned housing facilities.

Students who are Arkansas Tech University Ozark campus (Ozark, Arkansas) students, who meet the aforementioned requirements, may live on-campus at the University main campus (Russellville, Arkansas). However, Arkansas Tech University Ozark campus (Ozark, Arkansas) students are not required to live on-campus. Online Only students are eligible to live on campus, but are not required.

Applications for University housing, housing contracts, room assignments, and questions concerning housing are managed by the Department of Residence Life.

Students may begin the housing application process online at www.atu.edu/reslife. The Residence Life staff may be contacted by phone at 479-968-0376, or email at housing@atu.edu.

Housing rules and regulations for all students contracted with the Department of Residence Life can be found in the Arkansas Tech University Student Handbook under the section "Rules and Regulations for all Residence Life Facilities," located online at www.atu.edu/studenthandbook. Students residing in any facilities maintained by the Department of Residence Life are responsible for understanding all policies contained in the guide. Questions should be directed to the Department of Residence Life at 479-968-0376 or housing@atu.edu.

### Residence Life Housing Facilities

Arkansas Tech University offers twelve living facilities for our students. Residence halls and apartments are air-conditioned and are constructed to accommodate two to four students per room (Caraway, Hughes, M Street, Stadium Suites, Jones Hall, Nutt Hall, Tucker, and Wilson Hall have some designed single rooms available). All residence halls and apartments are completely furnished. Amenities include cable television, internet access, and wireless internet. Laundry facilities are located in all residence halls and apartments. Laundry fees are included with student housing fees. Arkansas Tech University is a Smoke and Tobacco Free Campus; this includes all residence hall and apartment rooms.

To be eligible to be a Resident in a University residence hall, a person must carry a meal plan (for residents of University Commons Apartments; a meal plan is optional) and be enrolled at the University campus in a minimum of (9) undergraduate semester hours each semester or a minimum of six (6) graduate hours each semester. The University reserves the right not to contract with persons who are currently violating or have previously violated the terms and conditions of a housing contract or other University rules or regulations, or who have a past due balance with the University.

To be eligible to be a Resident in the University Commons Apartments, a person must be enrolled at the University campus in a minimum of (9) undergraduate semester hours each semester or a minimum of six (6) graduate hours each semester. Initial preference for University Commons Apartment assignments will be given to those students who have earned a minimum of thirty (30) credit hours of college work and have a minimum (2.5) cumulative grade point average. The University reserves the right not to contract with persons who are currently violating or have previously violated the terms and conditions of a housing contract or other University rules or regulations, or who have a past due balance with the University. The maximum number of persons occupying an apartment shall be no more than four (4) persons in a four-bedroom apartment, and no more than two (2) persons in a two-bedroom apartment. No other occupants are permitted.

Photos and descriptions of the residence halls and apartments are available at www.atu.edu/reslife

#### Title IX

Title IX was passed as part of the Education Amendments of 1972. This federal civil rights law prohibits discrimination based on sex in education programs and activities that receive federal financial assistance. Title IX states:

"No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving federal financial assistance."

Arkansas Tech University is committed to fostering a safe and caring environment free from sexual and gender-based discrimination where all students, faculty, and staff can thrive in their educational and professional pursuits. Consistent with University values and Title IX of the Education Amendments of 1972, Arkansas Tech University prohibits discrimination against students, faculty, and staff based on sex in any of its programs or activities.

Harassment (sexual misconduct) is a form of sexual discrimination prohibited by the University and by Title IX. Harassment (sexual misconduct) is any sexual act which violates criminal laws of the State of Arkansas or laws of the United States, including but not limited to: sexual assault (nonconsensual sexual contact or intercourse), domestic violence, dating violence, stalking, and sexual harassment.

The University is dedicated to promptly and effectively addressing cases of possible sex-based discrimination. Individuals with questions or concerns regarding possible sex-based discrimination should contact the Title IX Coordinator, Amy Pennington, via email at apennington@atu.edu or via phone at 479-968-0407. More information about the University's Equal Opportunity, Harassment (Sexual Misconduct), and Nondiscrimination Policy can be found online at www.atu.edu/titleix.

### **Testing Services**

Testing Services administers standardized and institutional examinations including the ACT, ACCUPLACER, Miller Analogies Test, Test of English as a Foreign Language (TOEFL), PRAXIS, TEAS, and credit by examination (CLEP). Testing Services is located in Doc Bryan, Suite 211. Students may contact testing center staff via phone (479) 968-0302, TTY: (479) 964-3290, or via email: utds@atu.edu. Tests that require payment through Arkansas Tech University may be paid by credit card in the Testing Services office, and cash payments may be accepted in the Office of Student Accounts, Brown Hall, Suite 241. For additional information regarding testing schedules, students may visit www.atu.edu/testing.

### **Veteran Services**

Veteran's Benefits - Arkansas Tech University is approved by the State Approving Agency (SAA) as a school whereby eligible veterans and veterans' beneficiaries may use educational benefits while working toward a degree. Eligible students should contact the Office of Veteran Services to obtain information regarding school attendance under the following programs: Title 38, Chapter 33, Post-9/11 GI Bill® (GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at http://www.benefits.va.gov/gibill); Title 38, Chapter 30, Montgomery GI Bill® Active Duty; Title 38, Chapter 32, Veterans Educational Assistance Program; Title 38, Chapter 35, Survivors and Dependents Education; and Title 10, Chapter 1606, Montgomery GI Bill® for Selective Reserves.

All students must be working toward a degree and should follow the curriculum outline for their objectives, since only specific courses may be applied toward VA certification and graduation. Enrollment certification will not be sent to the Department of Veteran's Affairs until the person applying for veteran's benefits has been admitted to the University and prior credit evaluated. Students must request certification for each term to be certified and are responsible for notifying the certifying official of any changes in enrollment status or eligibility. Veterans may be given placement credit for prior military training by providing an official military transcript or DD-214.

All active duty military service persons and veterans eligible under the GI Bill® as determined by the VA who are classified as "out-of-state" for tuition purposes shall receive a waiver of out-of-state tuition charges. Arkansas Tech University complies with Section 702 of the Veterans Choice Act. For additional information, please contact the Office of Veteran Services. See also "In-State Tuition for Military Personnel, Veterans and Dependents" in the Fees and Expenses section of this catalog.

The Office of Veteran Services is located in the Doc Bryan Student Services, Suite 104. Students may stop by the Office of Veteran Services or call (479) 968-0445 if they have questions or need assistance in applying for their benefits.

#### Service Member and Veteran Scholarships

#### **Arkansas National Guard**

Act 82 of 2005 provides a tuition and waiver assistance program for soldiers and airmen of the Arkansas National Guard. Members of the Arkansas National Guard should contact the Student Accounts Office for information.

### Arkansas National Guard Tuition Waiver Program (formerly G-TIP)

The Arkansas National Guard Tuition Waiver program provides a tuition and fees-only waiver to Arkansas residents who are active members of the Arkansas Army/Air National Guard that have not already obtained a Bachelor's degree. Applications and additional information may be obtained from the unit commander or online at https://arkansas.nationalguard.mil.

#### **Military Activation**

Students who cease attendance at Arkansas Tech University without completing and receiving a grade in one or more courses due to military activation or deployment may receive compensation for the resulting monetary loss as provided by Act 85 of 2005. Please contact the Registrar's Office for information.

#### Military Dependent's Scholarship

The Military Dependent's Scholarship Program provides a waiver of tuition, fees, and on-campus room and board, minus three (3) months of Dependents Education Assistance (DEA) or Chapter 35 benefits, to full-time students at any public college, university, or technical institute in Arkansas for dependents and spouses of Arkansans who were killed or missing in action or who were prisoners of war or who are totally and permanently disabled. All applicants must also apply for and show acceptance or denial of the Federal dependent's Educational Assistance Program. Application deadline is June 1.

# **Academic Operations**

### **English Language Institute**

The mission of the ATU English Language Institute (ELI) is to provide classes that assist non-native speakers of English in developing the English language skills necessary to successfully pursue academic work in a United States college or university. The ELI accomplishes the mission by delivering non-credit English as a Second Language (ESL) academic reading, writing, speaking and note-taking instruction for English language deficient students. As part of the Department of English and World Languages, ELI welcomes students from diverse backgrounds whether international or U.S. resident. Additional information may be obtained by calling (479) 890-5025, faxing (479) 880-2039, or writing to the Coordinator of the English Language Institute, Tomlinson Hall, Arkansas Tech University, Russellville, Arkansas 72801, U.S.A.

#### **Study Abroad Office**

The Study Abroad Office enables students to gain global experiences through several types of international and national study opportunities, including faculty-led programs, exchange programs, and internship abroad programs. Applicants must have good academic standing. Foreign language requirement varies by the host university. Costs include, but are not limited to, Arkansas Tech tuition and fees (students are exempt from the host university's tuition), transportation, and living expenses. For more information, please contact the Study Abroad Office, Dean 116E, phone (479)964-0527; studyabroad@atu.edu.

#### **Tech Learning Center (TLC)**

The Tech Learning Center (TLC) offers a variety of services in a welcoming environment that helps ATU students achieve their goals. Through peer-tutoring, academic coaching, workshops, and one-on-one consultations, the TLC is designed to holistically assist students in their academic and professional development.

#### Tutoring

The TLC's peer tutors provide free support in over 90 courses. Centrally located in the Ross Pendergraft Library, appointments are available Sunday through Thursday during the fall and spring semesters. Online appointments are available to students not on campus.

#### Academic Coaching

Academic Coaching helps any ATU student looking for a personalized plan for academic success. Peer and professional coaches help students create study plans, improve note-taking and study skills, interact with professors, take advantage of resources on campus, and recognize their own ability to succeed in college. Academic Coaching is a voluntary program that last as long as the student feels the need for support.

For more information on any of TLC's programs or services, stop by our office in RPL 124 (behind the reference desk), call (479) 968-0249, email tlc@atu.edu, or visit https://www.atu.edu/tutoring/.

# **Administrative Operations**

#### **Textbook Brokers**

Your campus bookstore is located in the Young Building. Barnes & Noble College carries all required course materials, including textbooks. Here, you can buy, rent, or digitally download most titles. The bookstore price matches with Textbook Brokers Russellville, Amazon.com, and bn.com (must be shipped and sold by Amazon and Barnes & Noble). The Bookstore has a large selection of Tech gear and apparel. School supplies, electronics, and graduation regalia are also available. atu.bncollege.com

#### **Textbook Refund Guidelines**

The Bookstore will issue full refunds in the original form of payment for textbooks purchased at the Bookstore if returned in the original condition, with an original receipt and within the first week of classes. Within 30 days of the first day of classes, textbooks will be refunded with an original receipt and with a valid proof of add/drop.

#### **BuyBack/Rental Return Information**

The Bookstore will buy back some textbooks at the end of each semester (fall, spring, and summer) during finals week. Rentals are due at the end of each semester they are issued, on the last day of finals.

### Office of Events

Arkansas Tech University offers a centralized office to both external and internal users for scheduling events. The Office of Events is the primary point of contact for all departments, groups, and individuals who are interested in reserving the use of facilities on the Arkansas Tech campus. By centralizing the reservation process, we are able to provide efficient and effective service for scheduling an event.

The Office of Events works with students, faculty, administrative staff and external customers to reserve space on campus for their events. This office reserves the most appropriate space for each event based on location, anticipated attendance, and time of year and day. This office also maintains the University Master Calendar.

As of January 2, 2018, Arkansas Tech utilizes Ad Astra Scheduler for all space reservations on campus. Please use Firefox or Google Chrome as your browser. For more information or to schedule an event, go to www.atu.edu/events/index.php

# **Enrollment Management Operations**

#### **Student Financial Aid**

The primary purpose of student financial aid at Tech is to provide assistance to students who, without aid, would be unable to attend college. Financial assistance consists of scholarships, grants, loans, and part-time employment, which may be offered to students singularly or in various combinations, depending upon the degree of need. In determining the extent of a student's need, the University must consider the financial support which may be expected from the income, assets, and other resources of the parents and the student as reported on the Free Application for Federal Student Aid (FAFSA). Aid awards by the University are considered supplementary to the efforts of the student's family in assisting their children with college expenses. All awards are administered by the Financial Aid Office in accordance with the University's equal educational opportunity policy. The University does not participate in individual financial aid agreements with other institutions, including study abroad programs. Study abroad in a Tech sponsored program approved for academic credit is considered for federal aid in the same manner as all other for academic credit classes.

Application forms for all types of aid may be obtained from the Financial Aid Office on the second floor of the Brown Building or on the Financial Aid website at www.atu.edu/finaid.

#### Cost of Attendance

A student's cost of attendance (also called the financial aid budget) is the total of required tuition and fees allowances for books and supplies, room and board, travel, and personal expenses. Federal regulations allow the cost of a computer to be added to the cost of attendance one time during the college career of a student. The cost of a computer and related accessories up to \$1,500 purchased no earlier than four months prior to enrollment will be added to the student's cost of attendance budget upon the student's submission of an itemized paid-in-full receipt. This will be a one-time adjustment with the costs being spread over the school year. No further adjustments will be made for upgrades or additional software at any time during the student's career. Other adjustments to the cost of attendance allowed by federal regulations include Tech sponsored study-abroad programs approved for academic credit, child care costs, purchase of equipment required for all students in the same course of study, and reasonable expenses incurred related to a student's disability. These adjustments may result in additional financial aid if the student was not already receiving the maximum amount of every type of aid for which they were eligible. There is no guarantee this adjustment will increase aid eligibility. For more information, contact the Financial Aid Office: (479) 968-0399.

### Scholarship Stacking Policy

Act 1180 of 1999 prohibits postsecondary institutions from using public funds in a student aid package which may contain a combination of state, institutional, private and federal funds which exceeds the cost of attendance at the institution. Arkansas Tech follows the Arkansas Department of Higher Education regulations by reducing scholarship amounts which cause awards to exceed cost of attendance. In absence of direction from a private donor, private scholarship funds over \$500 will be divided equally between the fall and spring semester. In the event of an overaward aid will be reduced following ADHE policy in repaying public funds. For more information on the scholarship stacking policy, contact the Financial Aid Office: (479) 968-0399.

### Academic Policy for Students Receiving Federal Student Financial Aid

This policy applies to funds received through the Federal Pell Grant, the Federal Supplemental Educational Opportunity (FSEOG), the Federal Work Study, the Federal Subsidized Direct Loan, the Federal Unsubsidized Direct Loan and the Federal Direct PLUS loan programs.

This policy will be applied automatically and without favor or prejudice. With the exception of certificate and clock hour students, all federal aid recipients' progress is reviewed annually at the end of each spring semester, after a term with grades of all "F", with academic suspension from the university, upon the receipt of each new financial aid application, and upon a student's full withdrawal from a semester. Certificate and clock hour students are reviewed at the end of each semester upon receipt of each new financial aid application, and upon a student's full withdrawal from a semester.

Any appeal of this policy must follow the instructions on the appeal form and be sent to the Financial Aid Office fa.appeals@atu.edu, in person, by mail to 105 West O Street, Suite 206, Russellville, AR 72801, or by fax to (479) 968-0857. If applicable, attach any relevant documentation to the appeal. The appeal must be submitted to the Financial Aid Academic Policy Appeal Committee prior to the deadlines listed below in order to be considered for the term. A maximum of 2 appeals may be submitted. A student must attend without financial aid for a period of one academic year to be eligible to appeal for a third time.

Students who have filed a successful appeal will be placed on an academic plan which will be monitored each semester throughout the course of the plan. Individual students will be reviewed within the semester if notification of a grade change is received by the Financial Aid Office. Financial aid will not be paid retroactively for any semester's lost eligibility.

Students must meet all conditions of the policy. Violation of any section will result in loss of aid.

### DEADLINE FOR APPEAL: FALL - JULY 27; SPRING - JANUARY 5; SUMMER TERMS - ASAP.

The appeal decision is final and will be communicated via official ATU email.

### **Changing Majors**

When students change majors they are required to continue meeting all sections of this policy. If the major change causes the student to exceed the maximum number of hours attempted, they may appeal. The cumulative grade point average will still be considered as the student's grade point.

### Institutional Academic Suspension

Any student whose name appears on the institutional suspension list will not be eligible to receive aid for their next period of enrollment even if they re-enroll with the approval of the appropriate college dean.

It is the student's responsibility to notify the Financial Aid Office when they are no longer on the suspension list.

### Withdrawals/All "F" Grades

Federal regulations require a calculation to determine how much aid, if any, must be returned to the federal program when a student withdraws or receives all grades of "F". Students who must repay funds will be notified of the amount by the Financial Aid Office within 45 days of grades posting. These repayments must be made through the Student Accounts Office. The student will be ineligible to register for additional courses until the required payments are made. Academic progress will also be calculated on any student who withdraws or receives grades of all "F".

# First Undergraduate Degree

A student is required to pass 67% of all attempted hours. This is calculated as shown: Hours passed  $\div$  by hours attempted = 67% or greater. Note: Accepted transfer hours are counted as both attempted and earned and are considered in this calculation. Students granted academic clemency will have all semesters attended counted on the basis of attempted hours.

Incomplete, repeat, withdrawn, and audit classes are counted as hours attempted, but do not increase hours earned. For repeated courses, only the grade from the best attempt of the repeated course is calculated into a student's cumulative grade point although all grades and all attempts are recorded on the student's academic record. Students may not repeat a course in which the highest grade possible has already been earned. Federal financial aid will pay for only one repeat of a class with a grade of "D" or better. If an incomplete grade is not replaced by an earned letter grade by the end of the next regular semester it will become a grade of "F" and will be considered in the next regular determination of policy progress.

Hours taken during high school (concurrent classes) will be counted on the basis of attempted hours and cumulative GPA.

A student must receive a bachelor's degree by the end of 180 attempted credit hours, an associate's degree by the end of 90 attempted credit hours and a certificate by the end of 45 attempted credit hours. Allowances will be made for semesters involving required remedial course work, bachelor's degrees which require more than 120 earned hours, associate's degrees which require more than 60 earned hours, and certificates which require more than 30 earned hours. All semesters attended will be counted whether a student received financial aid during the semester or not. Clock hour students must complete their program by the end of 150% of the published length of the program.

#### Required Grade Point Average First Undergraduate Degree

With the exception of certificate and clock hour students, all students must have a minimum cumulative grade point average (GPA) of 2.0 at the end of their fourth and all subsequent undergraduate semesters or "equivalent transfer semesters." (Transfer students will be assigned "equivalent transfer semesters" based on the number of hours accepted by the Registrar's Office. Adjustments to Tech cumulative grade points are not made for courses transferred from other colleges or universities, but transfer grades may be used to meet the financial aid grade point requirement.) Certificate and clock hour students must have a cumulative GPA of at least 2.0 at the end of their second and all subsequent semesters. No appeal will be granted for anyone in violation of the required cumulative 2.0 GPA. Students granted academic clemency will have a "financial aid GPA" based on all hours completed and will not receive aid until that GPA reaches at least 2.0.

Any student who fails to meet the required 2.0 GPA will be reinstated once the required GPA is met. However, financial aid will not be paid retroactively for any aid lost because of this requirement. It is the student's responsibility to notify the Financial Aid Office when they have attained the required GPA.

### **Subsequent Credentials OR Teacher Certification**

Any subsequent associate's degree must be completed by the end of 45 additional attempted hours. Any subsequent bachelor's degree must be completed by the end of 70 additional attempted hours.

### Required Grade Point Average Subsequent Credentials or Teacher Certification

Students must maintain a cumulative 2.0 GPA.

### **Application for Federal Student Aid**

General - Students use the Free Application for Federal Student Aid and list Tech's school code (001089) as one of the schools to receive information. With the exception of Unsubsidized and PLUS loans, students must demonstrate financial need to receive funds from federal financial aid programs.

Deadline - To receive equal consideration, a student must have a complete application on file by January 15. All remaining funds will be awarded on a first-come, first-serve basis until depleted. Note: All requested information must be returned to the Financial Aid Office by July 15 to ensure aid availability at the beginning of the fall semester.

#### **Federal Pell Grant**

The Federal Pell Grant provides direct grants from the government to the undergraduate student for educational expenses. The student does not have to repay the amounts received, unless the semester for which a grant is received is not completed or the student receives grades of all F(s).

Under current guidelines, only students who have never received a bachelor's degree and who have not already received the equivalent of twelve fulltime semesters of the grant are eligible for the Federal Pell Grant. The university does not determine whether a student is financially eligible. The amount of the grant given to an individual student is based on a schedule provided to the university by the government. No eligible student will be denied a grant.

# Federal Supplemental Educational Opportunity Grant Program

The purpose of the Supplemental Educational Opportunity Grant Program is to provide additional funds to qualified students of exceptional need. Each grant is awarded according to federal guidelines.

#### **Student Employment**

The University uses student employees when practical, but students are not encouraged to work to an extent which would hinder their scholastic program. Employment assignments are made under both the Federal College Work-Study Program and the institutional Non-Work-Study Program. To be eligible for student employment, the student must be enrolled at least half-time, adhere to the academic progress policy, maintain satisfactory employer-employee relations and have conduct and personal appearance which reflects positively on the student and the University.

# William D. Ford Direct Loan Program

Federal regulations require a delayed disbursement of thirty (30) days for all first-year, first-time undergraduate student borrowers in any Federal Direct Loan program. Additionally, all student borrowers must be enrolled in a minimum of six hours.

### **Federal Direct PLUS Loans**

Parents of students may borrow annually the amount of the student's cost of education minus other aid for each child who is a dependent undergraduate student enrolled at least half time with a completed FAFSA on file. PLUS loans require a separate application and credit check. The interest rate is determined each June with the borrower beginning payment within sixty (60) days after the full disbursement of the loan. Graduate students may also borrow under the PLUS loan program. They must meet the same credit history requirements, must apply for federal financial aid and may borrow up to the cost of attendance less other financial aid. As with the Parent PLUS, the interest rate is determined each June.

#### Federal Direct Subsidized Loans

The Federal Direct Loan program authorizes loans up to \$3,500 per year for freshman undergraduates, \$4,500 for sophomore undergraduates, and \$5,500 per year for junior and senior undergraduates. The maximum an undergraduate student may borrow is \$23,000. Under this program a student must financially qualify for the loan. The interest rate is determined each June.

Repayment of principal and interest ordinarily begins six months after the student leaves school or ceases to be at least a half-time student. However, interest will begin to accrue as of the date the student ceases to be at least half-time. The amount of the monthly payments will be based on the total amount borrowed.

#### **Federal Direct Unsubsidized Loans**

The Federal Direct Unsubsidized Stafford Loan has the same loan limits and deferments as the Direct Subsidized Loan. However, the student does not have to demonstrate need for the loan and must either pay the interest while in school or have it capitalized for repayment with the loan principal. The total borrowed in Subsidized and Unsubsidized Direct undergraduate loans may not exceed the student's yearly maximum as shown above. Graduate students may borrow up to \$20,500 for a school year, not to exceed the total undergrad and grad maximum of \$138,500. The interest rate is determined each June.

#### Federal Direct Additional Unsubsidized Loan

Dependent students may borrow \$2,000 per year for four years with an undergraduate maximum of \$31,000. Independent students may borrow up to \$6,000 per year for the first two years of undergraduate study and \$7,000 per year thereafter with an undergraduate maximum of \$57,500. Borrowers do not have to show need but do have to apply for financial aid. The interest rate is determined each June. Students are responsible for paying the interest which accrues on the loan from the time the loan is disbursed until it is paid in full but have the option to defer interest payments while in school and have the interest added to the amount borrowed.

### Maximum lifetime loan limits for Federal Direct loans are as follows:

- Dependent, undergraduate students: \$31,000, with a maximum of \$23,000 subsidized.
- Independent, undergraduate students: \$57,500, with a maximum of \$23,000 subsidized.
- Graduate students: \$138,500 which includes both undergraduate and graduate loan amounts.

# **Scholarships**

# **Academic Scholarships**

Freshman Academic and Transfer Scholarships

All scholarships are awarded on a competitive basis. The priority deadline to apply for all Freshman Academic Scholarships is November 15 of the current award year and the final deadline for consideration is February 15. The undergraduate application for admission serves as the scholarship application for the above-mentioned scholarships. The deadline to apply for transfer scholarships is April 1 for a fall term and December 1 for a spring term of the current award year. In addition to an early admission status, students wanting transfer scholarship consideration must submit a Transfer Scholarship application. The amount of total funds received by each student will be contingent on the Arkansas Department of Higher Education Scholarship Stacking Policy, Arkansas Act 1180 of 1999.

All scholarship recipients must be admitted on the Russellville campus and be enrolled in a minimum of 15 credit hours. Students may receive only one Tech-funded freshman Academic Scholarship or Transfer Scholarship in any semester. Scholarship recipients must live in a residence hall or receive an exemption to the residency requirements from the Office of Residence Life in accordance with established university policy. Recipients are responsible for making on-campus housing arrangements. Students who live in Louisiana, Mississippi, Missouri, Oklahoma, Tennessee, and Texas are considered in-state for tuition purposes and are therefore eligible for Academic Scholarship awards. A traditional-aged high school student who opts to take the GED may apply for freshman Academic Scholarships. Students receiving scholarships must be U.S. citizens.

All scholarship recipients must have a Free Application for Federal Student Aid (FAFSA) on file before a scholarship will be credited to a student's account. All additional information requested by the Financial Aid Office must be submitted by December 1 in order to meet the aid application requirements for second semester renewal. For all subsequent semesters, the FAFSA and all requested documentation must be on file by August 1 each year.

Scholarships are awarded for consecutive fall and spring terms only and do not cover summer terms. Scholarships may be deferred for up to one year upon Institutional Scholarship Appeals Committee approval. A deferment must be requested in writing prior to the semester for the scholarship award.

Students who receive scholarship awards are responsible for knowing the renewal requirements found online at https://www.atu.edu/scholarships/renewal.php. Receipt, continued receipt, or renewal of all academic scholarships is also contingent upon the student honoring the Arkansas Tech University Student Code of Conduct as well as local, state, and federal laws. Transfer, CLEP, AP, and IB credit cannot be used to qualify for scholarship renewal.

# Freshman Academic Scholarships

Freshman Academic Scholarships are awarded based on cumulative high school grade point average. These scholarships must be used the fall semester following high school graduation and are renewable up to seven semesters after the first, or the completion of an undergraduate degree, whichever comes first.

\$1000 per year award for students with a 3.0 – 3.49 cumulative HS GPA

\$3000 per year award for students with a 3.5 - 3.74 cumulative HS GPA

\$7000 per year award for students with a 3.75 – 3.99 cumulative HS GPA

\$11,000 per year award for students with a 4.0+ cumulative HS GPA

### **Concurrent Advantage Scholarship**

Concurrent Advantage Scholarship recipients receive a maximum award of \$500 per year for up to eight semesters or until the completion of an undergraduate degree, whichever comes first. Incoming freshmen who have earned concurrent credit from ATU as a high school student are eligible for consideration. Concurrent Advantage Scholarships can be bundled with freshman Academic Scholarships. This scholarship must be used the fall semester following high school graduation on the Russellville campus.

## Supplemental Scholarships - ATU First Generation Scholarship, ATU Promise Scholarship, ATU Family Scholarship

Students may receive one supplemental scholarship award which can be bundled with a freshman Academic Scholarship and Concurrent Advantage Scholarship. Supplemental scholarships are renewable up to seven semesters after the first, or the completion of an undergraduate degree, whichever comes first.

## **ATU First Generation Scholarship**

Incoming freshmen who identify as first-generation college students are eligible for consideration. Recipients receive a maximum award of \$1000 per year. The scholarship can be bundled with a freshman Academic Scholarship and must be used the fall semester following high school graduation on the Russellville campus.

## **ATU Promise Scholarship**

Incoming freshmen with demonstrated financial need are eligible for consideration. Recipients receive a maximum award of \$1000 per year. The scholarship can be bundled with a freshman Academic Scholarship and must be used the fall semester following high school graduation on the Russellville campus.

### **ATU Family Scholarship**

Incoming freshmen who have family members who attended Arkansas Tech University are eligible for consideration. Recipients receive a maximum award of \$1000 per year. The scholarship can be bundled with a freshman Academic Scholarship and must be used the fall semester following high school graduation on the Russellville campus.

### Advanced Scholars Stipend

The Advanced Scholars Stipend is a \$1,000 per semester award made in recognition of students who receive Arkansas Governor's Distinguished Scholar awards. All students who are awarded an Advanced Scholars Stipend must retain their freshman Academic Scholarship award to remain eligible for the stipend. Students who fail to retain their academic award forfeit the Advanced Scholars Stipend. Students may not receive an Advanced Scholars Stipend and a University Honors Stipend.

### University Honors Program

University Honors participants receive University Honors Stipends of up to \$2,000 per semester. Stipends are bundled with the participants' academic scholarships and are renewable to a total of eight semesters or until the completion of an undergraduate degree, whichever comes first.

An applicant must have a 3.50 cumulative high school GPA and either a minimum 27 ACT composite or be ranked in the top 10% of his or her graduating class to receive consideration for the University Honors Program. The University Honors application deadline is noon on December 15. Students who are chosen to interview will be notified in December and January. Invitations to join the University Honors Program will be sent to selected interview candidates by February 1.

All University Honors students must participate in University Honors curriculum requirements, the sophomore service requirement, and all Honors functions. University Honors students must enroll in a minimum of 15 hours during the fall semester of the freshman year and complete a minimum of 12 hours with a 3.00 semester GPA to be eligible for membership renewal for the following semester. Recipients must enroll in a minimum of 15 hours for the spring semester and complete a total of 27 hours for the freshman year with a 3.25 semester GPA to be eligible for continuation in the University Honors Program and the Honors stipend for subsequent semesters.

Transfer, CLEP, AP, and IB credit cannot be used to qualify for scholarship renewal. Renewal for subsequent semesters requires a 3.25 semester GPA on a minimum of 15 hours. For additional information on the University Honors Scholarship, contact Dr. Georgeanna N. Wright, Director of Honors, at (479) 968-0443.

### **Tech Transfer Scholarships**

Students who have completed 12 or more transferable, for-credit hours at their most recent accredited college or university with a minimum 3.0 cumulative GPA are encouraged to apply. The award amount for students with a 3.0-3.49 cumulative GPA at their most recent accredited college or university is \$1500 per semester. The award amount for students with a 3.5+ cumulative GPA at their most recent accredited college or university is

\$2000 per semester. The scholarship is renewable for up to five semesters or until the completion of an undergraduate degree, whichever comes first. High school seniors with concurrent college credit are not eligible for Transfer Scholarship consideration.

### Phi Theta Kappa Transfer Scholarship

Students who are members of Phi Theta Kappa International Honor Society and have completed 12 or more transferable, for-credit hours at their most recent accredited college or university with a minimum 3.5 cumulative GPA are encouraged to apply. The \$3000 per semester award is renewable for up to five semesters or until the completion of an undergraduate degree, whichever comes first. High school seniors with concurrent college credit are not eligible for Transfer Scholarship consideration.

#### Presidential Honors Transfer Scholarship

This scholarship allows any Arkansas two-year college president/chancellor the opportunity to name one student each fall and spring for a transfer scholarship with a value of \$3000 per semester. The award is renewable for up to five semesters or until the completion of an undergraduate degree, whichever comes first. Students must have completed 12 or more transferable, for-credit hours with a minimum 3.0 cumulative GPA. Interested students should check with their current two-year school's Financial Aid Office or President's/Chancellor's Office for further details. High school seniors with concurrent college credit are not eligible for Transfer Scholarship consideration.

## Arkansas Academic All-Star Transfer Scholarship

Transfer students who are selected as Arkansas Academic All-Stars by their two-year institution are encouraged to apply. The \$4500 per semester award is renewable for up to five semesters or until the completion of an undergraduate degree, whichever comes first. High school seniors with concurrent college credit are not eligible for Transfer Scholarship consideration.

### **Transitions Scholarships**

Students who have completed an ATU Ozark campus Associate of Applied Science, Associate of General Studies, or Technical Certificate are encouraged to apply. The award amount for students with a 3.0-3.49 cumulative GPA is \$1500 per semester. The award amount for students with a 3.5+ cumulative GPA is \$2000 per semester. The Transitions Scholarship application can be obtained through the Student Services Office on the ATU Ozark Campus. High school seniors with concurrent college credit are not eligible for Transitions Scholarship consideration.

#### Senior Service Fellowships

Fellowships within the various colleges of the university are open to a limited number of outstanding advanced students. These service fellowships are awarded at the discretion of college committees when the caliber of the applicant justifies such assistance. Candidates for the fellowship must have earned 90 semester hours of credit, have a minimum grade point average of 3.00 on all work, and be enrolled in a minimum of 12 hours for the semester(s) for which the fellowship is granted. Any deviation or exception to this policy must be approved by the Office of Academic Affairs. Students who would like to be considered for a Senior Service Fellowship must make written application by April 1 to the appropriate dean.

### Freshman Academic Scholarship Renewal Requirements

Academic Scholarship recipients must enroll in a minimum of 15 hours during the fall semester of the freshman year and complete a minimum of 12 hours with a 2.75 cumulative GPA to remain on track for scholarship renewal at the end of the academic year. Students who do not meet first semester renewal requirements will retain the scholarship awards but receive notification from the Financial Aid Office they are at risk of losing their awards. Students must enroll in a minimum of 15 hours for the spring semester and complete a total of 27 hours for the freshman year (fall/spring) with a 2.75 cumulative GPA to be eligible for the scholarship for the sophomore year. Transfer, CLEP, AP, and IB credit cannot be used to qualify for scholarship renewal. Renewal for subsequent semesters requires enrollment in 15 hours each semester and completion of 30 hours each year (fall/spring) with a minimum 2.75 cumulative GPA. Students who completely withdrawn from classes forfeit their scholarships for any remaining semesters of eligibility.

The Summer Earn Back Program is available for students who do not meet the requirements at the end of the spring term. Academic Scholarship awards must be used on the Russellville campus. Renewal requirements for University Honors stipends are available on the University Honors website. The Summer Earn Back Program cannot be used to maintain University Honors stipends.

### **Transfer & Transitions Scholarship Renewal Requirements**

Scholarship students must enroll in a minimum of 15 hours each semester and complete a minimum of 30 hours each year (fall/spring) with a 2.75 cumulative GPA to be eligible for scholarship renewal. The Transitions Scholarship and all transfer scholarships are renewable for five consecutive semesters or until the completion of an undergraduate degree, whichever comes first, provided the student maintains all scholarship requirements. Transfer, CLEP, AP, and IB credit cannot be used to qualify for scholarship renewal. Students who completely withdrawn from classes forfeit their scholarships for any remaining semesters of eligibility. Transfer Scholarship awards must be used on the Russellville campus.

### **Single Term Renewal Requirements**

Students whose scholarships begin with the spring term or who only complete one term during the academic year based on special circumstances such as military training or medical conditions must complete a total of 15 hours for the academic year (fall/spring/summer) with a minimum 2.75 cumulative GPA. Transfer, CLEP, AP, and IB credit cannot be used to qualify for scholarship renewal. Summer courses taken to meet renewal requirements must be through Arkansas Tech University and are at the student's expense.

### **Summer Earn Back Program**

This program is available for students receiving the following scholarships: Freshman Academic, Concurrent Advantage, ATU First Generation, ATU Promise, ATU Family, Transitions, and all transfer scholarships. The program cannot be used to maintain University Honors Stipends. Scholarship students who received their academic scholarship awards in the spring term, but fail to maintain the required number of hours and/or cumulative GPA, may take summer courses to make up deficiencies. Summer courses may be used to meet either the hour or cumulative GPA requirement for continued renewal. Summer courses taken to reinstate awards must be through Arkansas Tech University and are at the student's expense.

To remain in compliance with Act 323 of 2009, the university reserves the right to cancel or modify any scholarship funded by the institution at any time.

# **Foundation Scholarships**

Arkansas Tech University Foundation Scholarships will be awarded if funds are sufficient. To be considered for an Arkansas Tech University Foundation scholarship where need is a determining factor, a Federal Financial Aid Application (www.fafsa.ed.gov/) must be on file in the Financial Aid Office. Federal and state regulations do not permit students to receive financial aid in excess of their cost of attendance. For complete details regarding scholarship stacking regulations, contact the Financial Aid Office.

Students who receive privately funded scholarships will be asked to write a thank you note. Expressing appreciation to donors for their interest in and support of higher education is an important part of receiving a scholarship.

The Arkansas Tech University Foundation reserves the right to amend scholarship requirements and criteria.

#### Applying for Foundation Scholarships

The student is responsible for submitting the Foundation Scholarship Application and all documentation listed in the scholarship criteria to the Office of Advancement.

The applicant will be considered for all scholarships through the Office of Advancement where all the criteria requirements have been fulfilled.

Scholarships may be viewed and applications submitted at arkansastech.awardspring.com. The log-in is the student's ATU email and password.

Please contact the Office of Advancement at 479-968-0400 with any questions.

## **Athletic Scholarship**

The maximum number and maximum value of such scholarships will be determined by the constitution and by-laws of the NCAA Great American Conference. Applicants should contact the Arkansas Tech University Athletic Director at 479-968-0245.

### **Privately Supported Scholarships**

#### Arkansas Community Foundation Scholarships

Arkansas Community Foundation is a nonprofit organization that fosters smart giving to improve communities. The Community Foundation offers tools to help Arkansans protect, grow and direct their charitable dollars as they learn more about community needs. By making grants and sharing knowledge, the Community Foundation supports charitable programs that work for Arkansas. https://www.arcf.org/apply/scholarships/

Arkansas Education Association Scholarships

# **Emma Scott - Scholarship for Future Teachers**

The Emma Scott Memorial Scholarships were established in 1961 by the Arkansas Education Association to honor Emma Scott. Miss Scott was a former English teacher in Little Rock and AEA staff member who is credited with establishing Future Teachers of America programs in Arkansas. http://www.aeaonline.org/awards/

### TE Patterson - Memorial Undergraduate Scholarship

This \$500 scholarship is awarded yearly to five African-American college students in Arkansas. Each year this scholarship also honors the memory of a distinguished African-American educator. The deadline for scholarship applications is March 1st. All applications must be completed with documents by the deadline. Otherwise the committee will not consider it. http://www.aeaonline.org/awards/

### Arkansas Health Information Management Association Scholarship

An annual scholarship fund has been established by the Arkansas Health Information Management Association. The scholarship is awarded each spring to a deserving health information management major in his/her junior or senior year. The recipient is determined by the Executive Board of the Arkansas Health Information Management Association. Interested students should contact the Health Information Management Program office in Dean Hall Suite 201 to obtain an application. Application deadline is January 31st.

Arkansas Single Parent Scholarship Fund

Single parents who reside in counties other than those listed below may find information for their county at http://www.aspsf.org/

### **Logan County Single Parent Scholarship Fund**

LCSPSF offers approximately \$500 per semester (spring, fall, summer), which may be used to support the needs of the scholar - pay for gasoline, pay for babysitter, pay for food, clothing, utilities, rent etc. Half the scholarship is provided at the beginning of the semester and the remainder after submission of the mid-semester grades, which must be passing grades. Students can apply for the scholarships on-line. Contact: Christy McCollough, Scholarships, 479-675-4326 email: cmccollough@atu.edu . Mailing address: Jessica Philmon, First National bank, P.O. Box 31, Paris, AR 72855.

## **Pope-Yell County Single Parent Scholarship**

Scholarships are awarded each semester to single parents who are residents of Pope or Yell counties. Recipients must have applied for federal financial aid and be eligible for a federal Pell Grant. Application deadline is July 15 for the fall semester and January 15 for the spring semester. Applications are available from Pope-Yell County Single Parent Scholarship Board, River Valley Shelter for Battered Women and Children, Inc. P.O. Box 2066, Russellville, Arkansas 72811.

### J.D. Knight Scholarship

This scholarship was established by Mrs. J.D. Knight in memory of her late husband, Mr. J.D. Knight, a former member of the Arkansas Tech Board of Trustees. The recipient must be majoring in accounting, business, or economics and must have an interest in banking as a possible career. An application may be obtained from the Accounting Department in the College of Business.

## **Cora McHenry Scholarship for Teaching Excellence**

Three partial tuition scholarships available to African-American students committed to teaching in the public school of Arkansas at either the early childhood/middle or secondary level. To be eligible, a student must be eligible for the teacher education program, be a member of SNEA or CMLA, be enrolled in a 15 credit hour course load, and have a cumulative grade point average of 2.5 or better. To apply a student should submit a letter of application, two letters of recommendation from school officials, a brief essay on why the applicant is interested in teaching, and including a record of activities in school, church, and the community to Dr. V. Carole Smith, College of Education, Arkansas Tech University. Application deadline is February 15.

#### R. Lewis Urton Senior Rehabilitation Scholarship

An annual grant provided by the Arkansas Rehabilitation Association to a senior major in rehabilitation science. Applications for the scholarship are received during the spring semester. Students interested in applying should contact the Director of the Rehabilitation Science program. Each applicant will be interviewed by a committee made up of members of the Arkansas Rehabilitation Association.

### **Arkansas Department of Higher Education Programs**

The programs listed below are awarded and administered by the Arkansas Department of Higher Education (ADHE). Further information may be obtained by writing to: Arkansas Department of Higher Education, 423 Main Street, Suite 400, Little Rock, AR 72201, or by calling (501) 371-2050 or at scholarships.adhe.edu. The application for all programs is available on-line.

# Arkansas Academic Challenge Scholarship Program

The Academic Challenge Program provides scholarships to Arkansas residents pursuing a higher education. Funded in large part by the Arkansas Scholarship Lottery, the Academic Challenge Scholarship is available to students regardless of their academic status, whether just graduating from high school, currently enrolled in college, enrolling in college for the first time, or re-enrolling after a period of time out of college. There are no income restrictions but students still must complete the Free Application for Federal Student Aid (FAFSA) by July 1. The scholarship award amount will be determined annually in early Spring. The application deadline is July 1.

### Arkansas Future Grant (ArFuture)

The Arkansas Future Grant (ArFuture) will cover tuition and fees for qualifying certificate and Associate degree programs at Arkansas' public institutions. the grant applies to students enrolled in Science, Technology, Engineering and Math (STEM) or regional high demand areas of study. Students must have either graduated from an Arkansas public school, private school, home school or received a high school equivalency diploma; or verify that the student has resided within the state for the three (3) years immediately preceding application as well as meet one of the high school graduation or diploma requirements. Additional requirements and a list of qualifying degree programs can be found online at http://scholarships.adhe.edu/scholarships-and-programs/a-z/Applicants must complete the free Application for Federal Student Aid (FAFSA) and application by July 1.

## Arkansas National Guard Tuition Assistance (formerly G-TIP)

The Arkansas National Guard Tuition Assistance program provides a tuition-only waiver to Arkansas residents who are active members of the Arkansas Army/Air National Guard that have not already obtained a Bachelor's degree. Applications and additional information may be obtained from the unit commander.

### **Governor's Distinguished Scholars**

The Governor's Distinguished Scholars Program will pay up to \$10,000 per year for tuition, mandatory fees, room and board to students who achieve 32 or above on the ACT or 1410 on the SAT, have a 3.50 academic grade point average, are a National Achievement Finalist or National Merit Finalist attending an approved Arkansas public or private college or university. The scholarship is renewable for up to three additional years provided the student meets the continuing eligibility standards. Application deadline is February 1 of high school graduation year.

# Law Enforcement Officer's Dependents Scholarship

The Law Enforcement Officers' Dependents Scholarship (LEO) provides a waiver of tuition, fees, and room at any public college, university, or technical institute in Arkansas for dependents and spouses of Arkansas law enforcement officers, some Highway and Transportation Department employees, and other public employees, who were killed or permanently disabled in the line of duty. Application deadline is July 1.

### Military Dependent's Scholarship

The Military Dependent's Scholarship Program provides a waiver of tuition, fees, and on-campus room and board, minus three (3) months of Dependents Education Assistance (DEA) or Chapter 35 benefits, to full-time students at any public college, university, or technical institute in Arkansas for dependents and spouses of Arkansans who were killed or missing in action or who were prisoners of war or who are totally and permanently disabled. All applicants must also apply for and show acceptance or denial of the Federal Dependent's Educational Assistance Program. Application deadline is July 1.

### **Teacher Opportunity Program (TOP)**

The Teacher Opportunity Program (TOP) program offers reimbursement grants to cover tuition and fees, not to exceed \$3,000, for up to six (6) completed college credit hours per academic year to current Arkansas teachers and administrators seeking to further their education. Application deadline is July 1.

### The State Teacher Education Program (STEP)

The State Teacher Education Program (STEP) provides federal student loan repayment grants of up to \$4,000 per year to Arkansas residents who earned a teaching degree after 4/1/2004 and are teaching in a public school in a geographical and/or subject shortage area. Application deadline is July 1.

### Other Sources of Assistance

#### **Arkansas National Guard**

Act 82 of 2005 provides a tuition and waiver assistance program for soldiers and airmen of the Arkansas National Guard. Members of the Arkansas National Guard should contact the Veteran Services Office for information.

#### **Military Activation**

Students who cease attendance at Arkansas Tech University without completing and receiving a grade in one or more courses due to military activation or deployment may receive compensation for the resulting monetary loss as provided by Act 85 of 2005. Please contact the Registrar's Office for information.

#### Over 60 Tuition Waiver

Arkansas residents who are sixty or older on the first day of class may have tuition and fees waived upon completion of certification of eligibility. Students must notify the Financial Aid Office each semester of the number of enrolled hours which need to be waived. Applications are available in the Financial Aid Office.

### Mr. Tommy Memorial Student Loan Fund

Arkansas Tech has a special loan fund known as the "Mr. Tommy Memorial Student Loan Fund." This fund was established by Arkansas Tech alumni as a memorial to the late E.S. Tomlinson, for many years head of the biology department. Supplementing lesser contributions by hundreds of former students is the Margaret McFadden Lykes, Jr., contribution. Loans from this fund are limited in amount and intended primarily for emergency aid to students. One semester of successful residence is required of all students applying for these loans. Information relative to this fund may be obtained from the Student Services Office.

### **Vocational Rehabilitation Assistance**

Persons who have substantial handicap to employment as a result of a permanent disability may receive, at no cost to themselves, vocational counseling and some financial assistance toward the cost of their college training when the vocational objective of the disabled person is approved by the Vocational Rehabilitation Counselor. These services are available through the Division of Rehabilitation Services, 1401 Brookwood Drive, Little Rock, Arkansas 72203. Application for assistance or request for information about the program may be made to that address or to a local rehabilitation counselor.

### **Workforce Investment Act**

The Workforce Investment Act is a federal program which provides financial assistance to individuals in need. The program's primary targets are individuals with barriers to employment and dislocated workers. Candidates who meet eligibility requirements will receive tuition and book scholarships for two years to complete an associate degree at Arkansas Tech University. WIA is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. Requests for information about eligibility may be made through the WIA office, 104 S. Rochester, Russellville, AR 72801; telephone 968-4919; TDD/ARS: 1-800-285-1131.

# REGULATIONS AND PROCEDURES

All students must give prompt attention to communications from faculty and staff members of the University. Most communications will be sent through the United States mail or to your official Tech e-mail address.

# **Academic Integrity**

Both the professor and students are responsible for creating an environment that enables all students to reach their academic potential. The classroom is under the control of the professor who will give students a statement of his or her classroom expectations and policies in a syllabus at the beginning of the semester. The term "classroom" as used in this Academic Integrity Policy includes face-to-face, hybrid and online classes. It is not restricted to classrooms on or off campus but also includes playing fields and laboratories, University computer areas on or off campus as well as field trips

associated with class-related matters. Students will conduct themselves in a non-disruptive and civil manner when attending classes and other events associated with Arkansas Tech University.

If any instructor, student, or staff member has compelling facts and evidence an individual has violated any category of academic integrity, that instructor, student, or staff member must report the suspected violation(s) to Academic Affairs using the Procedures for Addressing Violations of Academic Integrity and Classroom Behavior found at https://www.atu.edu/academic-integrity.

# **Academic Probation**

Students will be placed on academic probation whenever their semester grade point falls below 2.00 unless the cumulative grade point is 2.00 or higher. These criteria also apply to entering transfer students. Removal of probation will be accomplished by raising the cumulative grade point to 2.00 or higher.

Freshmen students who in a probationary semester fail to remove themselves will continue on probation for the following semester. Sophomore, junior, and senior students who in a probationary semester fail to remove themselves but achieve a 1.75 semester grade point will continue on probation for the following semester unless the academic suspension policy applies.

# **Academic Suspension**

Suspension will be automatic for sophomore, junior and senior students who in a probationary semester fail to achieve a 1.75 semester grade point; or who fail to remove themselves from probation within three successive full semesters. Students may combine summer term grades at Arkansas Tech with those of the spring semester immediately preceding in order to establish eligibility for retention in college.

Suspension means that the student will not be allowed to attend Arkansas Tech the succeeding regular semester; after one regular semester the student may be eligible for readmission on academic probation. Students receiving a second academic suspension will be eligible to seek readmission one year from the date of suspension. Students who believe there are extenuating circumstances which would justify earlier readmission must contact the Registrar's Office for assistance in arranging an appeal hearing with the appropriate college dean. Students who meet the semester/year stipulation must file a request for readmission with the Registrar's Office. Readmission does not reestablish financial aid eligibility.

Students on academic suspension who wish to transfer to Arkansas Tech must meet the eligibility standards for readmission to the last college/university attended before being considered for admission to Tech.

# **Adding/Dropping Courses**

The deadline for adding courses or changing courses or sections is given in the University calendar; thereafter, changing to audit or dropping a course are the only changes permissible. Courses officially dropped after the attendance date and through the thirteenth week of a fall or spring semester will be recorded as "W." Students may add, drop, or change sections of courses only by following the official procedure which requires that they obtain and return the necessary forms to the Registrar's Office after obtaining the formal approval of their academic advisor. Failure to complete this procedure can result in a grade of "F" being entered on the student's record. A fee of \$10 will be charged except for changes made for the convenience of the University. Please note: A student accumulating an excessive number of unjustifiable absences in a course may be dropped from the course by the instructor with a grade of "WN."

# **Auditing Courses**

Auditing of courses requires official admission to the University, approval by the instructor involved, and payment of the regular fee for the course. Audit will be on a "space available" basis. Students auditing courses are subjected to the same regulations as other students with regard to registration and attendance, but they do not take examinations nor receive credit for the course. A student accumulating an excessive number of unjustifiable absences in an audited course may be administratively withdrawn at the request of the instructor. Students may change from taking a course for credit to audit during the first thirteen weeks of the semester. Students enrolled for audit who do not wish to complete the course(s) must complete official drop/withdrawal procedures stated in this section of the catalog.

## Class Absence

Regular class attendance is considered essential if students are to receive maximum benefit from any course. Control of class attendance is vested in the teacher, who has the responsibility of defining early in each course his/her standards and procedures. A student accumulating an excessive number of unjustifiable absences in a course may be dropped from the course by the instructor with a grade of "WN."

# **Class Enrollment Status**

The minimum credit hour load for classification as a full-time undergraduate student in any term is 12 undergraduate credit hours. Classification as a three quarter time is 9-11 undergraduate hours; half time is 6-8 undergraduate hours; and less than half time is 1-5 undergraduate hours.

# **Class Load Policy**

A student can expect to spend 2-3 hours outside the class (for studying, homework, preparation, etc.) for each hour in the class. This means that a student can expect to spend 24-36 hours in studying for a 12 semester credit hour load. It is therefore recommended that a full-time student enroll in no more than 18 hours per semester. Students working full-time are encouraged to take no more than 12 hours per semester. Students readmitted after academic suspension cannot take more than 12 hours per semester. Students on academic probation must obtain approval from their advisor to enroll in more than 15 hours per semester.

These totals include all courses for which students may enroll. Permission to take course loads above these maximums must be obtained in advance of registration from the dean of the college of the student's major.

# Classroom Behavior

Each member of the Arkansas Tech University community assumes an obligation to conduct her/himself in a non-disruptive manner in the classroom. If a student is being disruptive, the instructor will address the situation, discussing behavioral expectations moving forward, and emphasize possible consequences for failing to comply. If the disruptive behavior persists, the student may be suspended on an interim basis from the class. Instructors may report excessive and/or repeated disruptive behavior through the Procedures for Addressing Violations of Academic Integrity and Classroom Behavior. This process includes an appeals process students may use to challenge perceived violations or excessive penalties. Students who exhibit disruptive behavior may also be referred to the Department of Student Conduct (see Article III, Section D of the Arkansas Tech University Student Handbook).

# **Course Overload**

Students who enroll above the maximum loads without securing permission from the dean will be dropped from their classes. To be considered for a course overload, the student must submit a petition to the dean and should meet the following criteria:

- 1 .Have a 3.25 minimum grade point average in the preceding summer term (minimum: 12 semester hours) or in the preceding fall or spring semester (minimum: 12 semester hours) at the university, or
- 2. Be in good academic standing in the college if in the last semester before graduation. The maximum overload permitted in any college by an approved petition is a load totaling 24 hours for a fall, spring or summer term. Overloads over 21 hours will be subject to review by the Office of Academic Affairs.

# **Class Standing**

Students with fewer than 30 semester hours are classified as freshmen, students with 30 through 59 semester hours as sophomores, students with 60 through 89 hours as juniors, and students with at least 90 hours as seniors.

# **Clemency**

In accordance with Act 1000 of 1991, an undergraduate student who has previously attended Arkansas Tech University may apply to have the grades and credits earned for one or more consecutive terms or semesters removed from his/her grade point average provided the following criteria are met.

After re-entering Tech following a separation of at least three years, a student may request academic clemency at the Office of the Registrar. The student must specify the term or consecutive terms for which academic clemency is desired. The period of separation may be waived in the case of impending graduation. Academic clemency may be granted only one time and is irreversible. If the request is approved, Academic Clemency will cover all credits earned during the term or terms for which academic elemency is requested. The student's complete record will remain on the transcript with the added notation of "academic clemency granted" and the effective date.

Academic clemency does not restore eligibility for student financial aid, scholarships or athletic eligibility.

# **Conduct**

Arkansas Tech University is dedicated to learning, the advancement of knowledge, and the development of ethically sensitive and responsible persons. Achieving these goals through a sound educational program and by implementing student conduct policies that encourage independence and maturity is a priority. Each member of the Arkansas Tech University community assumes an obligation to obey all rules and regulations made by properly constituted authorities, preserve faithfully all property provided for their education, and fulfill their duties as a student with diligence, fidelity, and honor.

Arkansas Tech University students are responsible for understanding all rules, regulations, and policies that shape the structure of our campus community. Students should read, understand, and follow the rules and regulations outlined in the Student Handbook and Student Code of Conduct as well as those outlined in the Undergraduate or Graduate Catalogs.

In compliance with the Constitution of the State of Arkansas, the Arkansas Tech University Board of Trustees is vested with authority to make regulations and policies, consistent with the laws of the land, for Arkansas Tech University. The Student Handbook is located online at www.atu.edu/studenthandbook. Students seeking interpretations of provisions within the Student Code of Conduct may contact Dr. Keegan Nichols, knichols@atu.edu, Vice President for Student Affairs or Amy N. Pennington, apennington@atu.edu, Student Conduct Administrator.

# **Dean's List**

Undergraduate students whose term grade point at the end of the fall or spring semester is 3.50 or better, based on a minimum of 12 earned semester credit hours of undergraduate work, will be placed on the Dean's List for outstanding scholarship. Recognition will be accorded these students through appropriate news media.

# Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act (FERPA) afford eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution.) These rights include:

- 1 .The right to inspect and review the student's education records within 45 days after the day Arkansas Tech University receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The school official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the school official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
- 2 .The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the school to amend a record should write the school official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If the school decides not to amend the record as requested, the school will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3 .The right to provide written consent before the university discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The school discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by Arkansas Tech University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may include a volunteer or contractor outside of Arkansas Tech University who performs an institutional service of function for which the school would otherwise use its own employees and who is under the direct control of the school with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for Arkansas Tech University.

Upon request, the school also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by Arkansas Tech University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office U.S. Department of Education 400 Maryland Avenue, SW Washington, DC 20202

See the list below of the disclosures that Arkansas Tech University may make, without consent, under this federal law.

FERPA permits the disclosure of PII from student's education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, §99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student -

- · To other school officials, including teachers, within Arkansas Tech University whom the school has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions, provided that the conditions listed in  $\S99.31(a)(1)(i)(B)(1) - (a)(1)(i)(B)(2)$  are met.  $(\S99.31(a)(1))$
- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer, subject to the requirements of §99.34. (§99.31(a)(2))
- To authorized representatives of the U. S. Comptroller General, the U. S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the university's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§§99.31(a)(3) and 99.35)
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a) (4))
- To organizations conducting studies for, or on behalf of, the school, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6))
- To accrediting organizations to carry out their accrediting functions. §99.31(a)(7))
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8))
- To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9))
- To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10))
- Information the school has designated as "directory information" under §99.37. (§99.31(a)(11)).
- · Directory information at Arkansas Tech University consists of the student's name, home town, electronic mail address, major field of study, enrollment status (undergraduate or graduate, full-time or part-time), date of birth, dates of attendance, participation in officially recognized activities and sports, weight and height of members of athletic teams, degrees, honors and awards received.
- "Dates of attendance" as used above means the period of time during which a student attends or attended an educational agency or institution. Examples of dates of attendance include an academic year, a spring semester or a first quarter. The term does not include specific daily records of a student's attendance at an educational agency or institution.
- This information may be made available upon request to members of the general public.
  - If a student on the Russellville campus wishes for this "directory" information to be regarded as confidential, according to the provisions of the Family Educational Rights and Privacy Act of 1974, he or she should notify Dr. Keegan Nichols, Vice President for Student Affairs at knichols@atu.edu or 479-968-0238.
  - If a student on the Ozark campus wishes for this "directory" information to be regarded as confidential, according to the provisions of the Family Educational Rights and Privacy Act of 1974, he or she should notify Richard Harris, Chief Student Officer at rharris1@atu.eduor 479-667-3433.
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the requirements of §99.39. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13))
- To the general public, the final results of a disciplinary proceeding, subject to the requirements of \$99.39, if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her. (§99.31(a)(14))
- To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15))

# **Grading**

Final grades are reported to the Registrar's Office at the end of the semester. Midterm grades are reported for freshman and sophomore students only. A final grade of "I" may be recorded for a student who has not completed all the requirements of a course only in situations where the student has an illness or other circumstances beyond the student's control, and has completed seventy-five percent of the course requirements provided work already completed is of passing quality. If a grade of "I" is assigned, the instructor will set a reasonable time limit within the following semester in which the work must be completed. Beginning the first summer term, 1990, and thereafter, a grade of "I" will not be computed in the grade point average for the semester recorded; however, the "I" will be automatically changed to a grade of "F" for grade and grade point purposes at the end of the next regular semester (fall or spring) unless course requirements are completed and the final grade is reported before the end of the semester. A grade of "I" recorded prior to the first summer term, 1990, will be computed as an "F" for grade point purposes.

No grade other than "I" may be changed after it is recorded except if an instructor finds that a grade has been erroneously recorded. The instructor may correct the grade by submitting a written request and explanation of the error to the Vice President for Academic Affairs.

Grade points are awarded on the basis of: A, 4 points; B, 3 points; C, 2 points; D, 1 point; F, 0 points; WN, 0 points.

A grade of "Pass" for pass/fail courses is not calculated in the grade point average, but does count in earned hours. A grade of "Fail" for these courses is calculated in the grade point average as 0 points.

# Graduation

Please refer to the section entitled "Graduation Requirements" for information pertaining to degree audit, application for graduation, and other graduation requirements.

# **Late Registration**

For registration during the period stated in the University Calendar as late registration, a fee of \$25 is charged.

# **Repeated Courses**

Students may repeat courses they have taken at Arkansas Tech University for the purpose of grade point adjustments (1) only by re-enrolling in the same courses at Arkansas Tech University and (2) subject to the following provisions. For repeated courses, only the grade from the best attempt of the repeated course is calculated into a student's cumulative grade point although all grades and all attempts are recorded on the student's academic record. Students may not repeat a course in which the highest grade possible has already been earned. Adjustments to cumulative grade points are not made for courses transferred from other colleges or universities.

# **Student Records**

Student academic records are maintained in the Office of the Registrar. Unofficial copies of academic records are available for guidance purposes to students and their advisors. All student records are maintained in compliance with the standards and guidelines of The Family Educational Rights and Privacy Act of 1974, Federal Law 93-380.

# **Traffic Regulations**

By authority of the Board of Trustees and in accordance with Legislative Act 328, 1967, Arkansas Tech University requires all members of the faculty, staff, student body and classified personnel to register motor vehicles which they own or operate on the Tech campus or on lands controlled by the University. All registrants shall abide by all traffic and parking regulations as outlined by a printed pamphlet available in the Doc Bryan Student Services Building, the Department of Public Safety office located at 716 North El Paso Avenue, or online at https://www.atu.edu/psafe/park-info.php.

Registration of vehicles shall be accomplished at the time of regular registration for the fall, spring or summer semesters. Please be aware that a vehicle must be entered into the system before you can order a permit. Vehicles can be registered by following these steps:

- 1) Log in to OneTech (http://onetech.atu.edu).
- 2) Go to the "Parking" channel located on the welcome page.
- 3) Click on the link "Purchase Parking Permit," and follow the instructions to purchase a permit.

Individuals will need to know the make and model of their vehicle as well as their license plate number in order to complete the process listed above. Students may purchase permits with a credit card, a debit card or post the charge to their student account. Faculty and staff may purchase their permit online with a credit card or a debit card. Those purchasing their hangtags using a credit or debit card will receive an e-mail confirming their purchase. Once the parking permit is purchased, faculty, staff and students will have an opportunity to print a temporary parking permit to be displayed on their vehicle dashboard until the permanent one arrives in 7-to-10 business days.

All vehicles on Tech campus are required to register and display a current parking permit. Parameters for the operation and parking of motor vehicles may be viewed on the campus map available at the Department of Public Safety. Vehicles are defined as any self-propelled vehicle having two or more wheels.

Permits are valid from August 15th one year through August 15th of the next year. Permits must be displayed by hanging on the rear view mirror so the number can be read through the front windshield from the outside; they may not be taped on the vehicle or laid on the dash or seat. These permits can be moved from vehicle to vehicle. Permits are the responsibility of the purchaser and must be removed prior to sale or transfer of the vehicle, upon termination of employment or withdrawal from the University. Only one permit per individual can be purchased unless the prior permit was lost or stolen. The reported lost or stolen permit will be invalid. There is no refund for permit cost. The registration fee, penalties and fines are published in the ATU parking map.

Temporary permits are available at the Department of Public Safety for faculty, staff and students who have misplaced their permits.

# **Verification of Student Identity**

Verification by the university of the identity of students who participate in university-offered distance (on-line) classes or coursework is done by utilizing a secure login and pass code. Sharing of a student's secure login or pass code is a violation of the Academic Dishonesty policy.

# Withdrawals

A student who wishes to withdraw from school during a semester is required to follow the official withdrawal procedure which requires submitting a written request to the Office of the Registrar. Students who withdraw without following this required procedure will have their grades recorded as "F." If a student withdraws officially, the procedure for recording grades is identical with that for dropping an individual course, as described in this section under the heading "Adding/Dropping Courses." If a student withdraws from school during the final two weeks of a semester, the Vice President for Academic Affairs may waive the requirement that grades of "F" be recorded if the circumstances forcing a withdrawal justify special consideration.

# **University Policy**

While every effort will be made to conform to catalog announcements, the University reserves the right to adapt its program as may be necessary.

# **GRADUATION REQUIREMENTS**

Major fields of study leading to a bachelor degree are offered in accounting, agriculture business, agriculture education, applied statistics, art education, biology, business data analytics, business education, chemistry, chemistry education, computer science, computer engineering, creative writing, cybersecurity, economics and finance, elementary education, environmental science, fine arts, electrical engineering, emergency management, engineering physics, English, English education, fisheries and wildlife science, foreign language, game and interactive design media, geology, graphic design, health and exercise science, health and physical education, health information management, history, hospitality administration, information technology, international studies, journalism, life science for teacher licensure, management and marketing, mathematics, mathematics education, mechanical engineering, medical technology, middle level education, music, music education, nursing, physics, physics education, political science, professional studies, psychology, public history, recreation and park administration, rehabilitation science, social studies education, sociology, and speech.

Associate degrees are offered in business administration, criminal justice, cybersecurity, early childhood education, general education, information technology, manufacturing, and nuclear technology.

Students may graduate under the catalog in force when they first enroll in the University, or any subsequent catalog, subject to the approval of the appropriate department head and dean. Students should keep in mind that curricula change in order to maintain relevance, up-to-date knowledge, and, in some cases, accreditation standards. The University reserves the right to make effective immediately any change in graduation requirements for students whose studies have not advanced beyond the level at which the change becomes operative.

# **Degree Audit and Application for Graduation**

Candidates for graduation must complete an application for graduation. Seniors completing graduation requirements at the end of the fall semester must submit to the Registrar's Office an application for graduation in consultation with their advisor on or before the end of the eighth week of the previous fall semester. Seniors completing graduation requirements at the end of the spring semester or either of the following summer sessions must submit an application for graduation in consultation with their advisor on or before the end of the eighth week of the previous spring semester.

# Financial Obligation

Before any transcript is issued, the student must have paid any debt owed the University.

# **Graduation Honors**

The bachelor's degree with honors will be conferred upon candidates who at graduation have earned a minimum grade point average on all courses taken at Arkansas Tech as follows: Summa Cum Laude-3.900 - 4.000, Magna Cum Laude-3.700 - 3.899, Cum Laude-3.500 - 3.699. Graduation honors will be determined by work taken at Arkansas Tech only. The associate degree with honors will be conferred upon candidates subject to the grade point average criteria listed above. Honors will be limited to candidates for the associate and bachelor's degree.

# **Commencement Participation**

Students must complete all degree requirements prior to participating in the December, May, or August commencement ceremonies. Students completing all degree requirements in the fall semester will participate in the December commencement ceremony; spring semester will participate in the May commencement ceremony; and summer sessions will participate in the commencement ceremony held in August. Students will not participate in the commencement ceremony if all degree requirements are not completed prior to the ceremony. Students not completing all requirements will participate in the next scheduled commencement ceremony providing all degree requirements are met. Students taking courses at other institutions must have

official transcripts submitted to the Registrar's Office and have completed all degree requirements prior to the commencement ceremony to be allowed to participate.

Participation in commencement is expected of all candidates for degrees. Students who are unable to participate may officially petition the Vice President for Academic Affairs in writing for permission to have the degree awarded in absentia.

Students who do not have a minimum grade point of 2.00 in the major and overall will not be eligible to participate in the commencement ceremony.

Academic Regalia shall be worn by all graduates during the graduation ceremony (See Bookstore). The academic regalia consist only of the cap and gown. Students may wear honor cords, pins, or stoles representative of university groups over their gown during the ceremony. Decoration on caps is permitted.

# **Requirements for Baccalaureate Degrees**

In compliance with Act 1014 of 2005, Arkansas Tech University has developed guaranteed, eight-semester degree completion plans for most of the baccalaureate degree programs offered by the institution.

### A General Requirements

- 1. A student must earn a minimum of 30 hours taken from Arkansas Tech, at least 6 semesters hours of which must be upper division work in the student's major. Certain programs may have more rigorous standards due to, for example, accreditation standards or licensure requirements.
- 2. No more than a total of 30 hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree.
- 3 .At least 120 hours (excluding pre-college level courses) must be successfully completed.
- 4. The cumulative grade point average must not be less than 2.00 and not more than 25 percent of the hours may carry the "D" grade. Students must have a 2.00 grade point in their major and a 2.00 grade point in their minor, if applicable.
- 5 .At least 40 hours must be in junior and senior courses, preferably more.
- 6. No more than four hours of activity credit may be counted toward graduation. The only exception is that a student may have the standard allowance of military credit (three hours of military science and three hours of PE credit) and four other hours of activity credit for a total of ten semester hours. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.
- 7 .Only six hours of freshman English composition may be used to satisfy degree requirements.
- 8 .For non-business majors, no more than 30 hours of courses offered by the School of Business, excluding Health and Information Management, may be counted towards completion of degree requirements.
- B General Education Requirements
  - To meet the need for all students to have educational experiences which broaden their knowledge of the arts, humanities, and sciences, all curricula are designed to include basic courses in these areas. Students should refer to the curriculum in their major area of study for specific courses either recommended or required by the academic department to fulfill the General Education Requirements.
- C Competence in English, Mathematics, and Reading
  - Each candidate for a baccalaureate degree is required to demonstrate the ability to write English clearly and correctly by completing the freshman composition courses (ENGL 1013 and ENGL 1023) with a grade of "C" or better. A student who receives a grade of "D" or "F" in ENGL 1013 must repeat the course to earn a grade of "C" or better before enrolling in ENGL 1023. The same criteria apply to transfer students.

Students showing evidence of deficiency in mathematics will be counseled to enroll in appropriate remedial courses. All students must earn a grade of "C" or higher in the course used to satisfy the general education mathematics requirement.

- D Examination for Education Majors or Teacher Candidates
  - Section 1 (b) of Act 5 of the first Special Extraordinary Session (1983) of the Arkansas General Assembly stipulates: "After July 1, 1984, all colleges and universities in this State shall require persons who are education majors or teacher candidates to take the examination prescribed by the State Board of Education for initial certification as a teacher in the public schools of this State and to report the results of the examination to the college or university prior to graduation. All colleges and universities in this State shall report the results of the examinations to the Department of Education upon request."
- E An official record of any correspondence or transfer work completed at another institution must be on file in the Registrar's Office prior to the end of the semester or term in which graduation is planned.

# **Requirements for a Minor**

Arkansas Tech University offers 42 minors with requirements varying from 16-22 semester hours. Only candidates for a bachelors degree are eligible for minors. In order for the minor to be awarded a student must earn a 2.0 grade point average in the courses used to complete the minor. A minimum of 6 semester hours must be taken in residence and the same catalog must be used to complete requirements for both the major and the minor. Specific requirements for each minor are stated in the respective sections of this catalog.

# **Requirements for Associate Degrees**

The requirements for associate degrees in culinary management, information technology, and nuclear technology are outlined under the statements of the College of Engineering and Applied Sciences. Requirements for the associate degree in early childhood education are outlined under the statements of the College of Education. The requirements for the associate degrees in criminal justice, general education, and Ozark-Ouachita studies are outlined under the statements of the College of Arts and Humanities. In addition to completing the necessary hours prescribed, candidates for associate degrees must meet the following requirements:

- 1 .A student must earn a minimum of 30 semester hours taken from Arkansas Tech.
- 2. No more than a total of 30 semester hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree.
- 3 .Refer to major field of study for semester hour requirements.
- 4. The cumulative grade point average must not be less than 2.00 and not more than 25 percent of the semester hours may carry the "D" grade. Students must have a 2.00 grade point in their major.
- 5. No more than four semester hours of activity credit may be counted toward graduation. The only exception is that a student may have the standard allowance of military credit (three hours of military science and three hours of PE credit) and four other hours of activity credit for a total of ten semester hours. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.
- 6. Only six hours of freshman English composition may be used to satisfy degree requirements.
- 7. An official record of any correspondence or transfer work completed at another institution must be on file in the Registrar's Office prior to the end of the semester or term in which graduation is planned.

# **Requirements for a Certificate**

Arkansas Tech University offers certificates with requirements varying from 6-21 semester hours. In order for the certificate to be awarded a student must earn a 2.0 grade point average in the courses used to complete the certificate. A minimum of ½ of the semester hours must be taken in residence and the same catalog must be used to complete requirements. No more than ½ of the semester hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree. Specific requirements for each certificate are stated in the respective sections of this catalog.

# **Requirements for Additional Degrees**

For both baccalaureate and associate degrees, a student may not receive multiple degrees within a semester for a single approved degree program. Students wishing to earn multiple degrees in different degree programs within the same semester may do so by completing all degree requirements for each degree, which typically takes more than 120 hours.

## **Baccalaureate Degrees**

Students who have already received a baccalaureate degree may earn an additional baccalaureate degree by completing a minimum of 30 additional semester hours from Arkansas Tech, at least 6 semester hours of which must be upper division work in the student's major. Certain programs may have more rigorous standards due to, for example, accreditation standards or licensure requirements. All degree requirements must be satisfied. Students pursuing a second baccalaureate degree must use the Arkansas Tech University catalog in effect at the time they first enroll subsequent to receiving the first degree or any subsequent Tech catalog provided they were enrolled at the University during the year the catalog was in effect.

# **Associate Degrees**

Students who have already received an associate degree may earn an additional associate degree if the following have been completed: (a) all University catalog requirements for the major field of study, (b) applicable requirements specified under "Requirements for Associate Degrees".

Students who have already received a baccalaureate degree may earn an associate degree if the following have been completed: (a) all University catalog requirements for the major field of study, (b) applicable requirements specified under "Requirements for Associate Degrees".

### **Certificates**

Students who have already received a certificate may earn an additional certificate. See applicable requirements specified under "Requirements for a Certificate".

# **Assessment Program**

Arkansas Tech University (ATU) is dedicated to providing a wide range of traditional and innovative academic programs and is committed to the advancement of student learning and continuous improvement of academic programs and university services. Assessment is at the core of continuous improvement; therefore, students are responsible for participating in state and institutional assessment activities.

# **General Education Requirements**

The general education curriculum is designed with the philosophy of "college, career, community" to provide a foundation for knowledge common to educated people and to develop the capacity for an individual to expand that knowledge over his or her lifetime. Students who have completed the general education curriculum at Arkansas Tech University will be able to:

Communicate effectively

Think critically

Develop ethical perspectives

Apply scientific and quantitative reasoning

Apply the value of the arts and humanities

Practice civic engagement

To accomplish the above goals, Arkansas Tech requires the completion of the following general education curriculum. Students should refer to the curriculum in their major area of study for specific courses either recommended or required by the academic department to fulfill the general education requirements.

### English - 6 hours

(See Course Descriptions for minimum grade requirements)

**ENGL 1013 ENGL 1023** 

#### Mathematics - 3 hours

(See Course Descriptions for minimum grade requirements)

Three hours from one of the following:

MATH 1003 MATH 1113 Any higher level mathematics course

STAT 2163

### Science - 8 hours

Complete a total of eight hours of science with laboratory from BIOL, CHEM, ENVS, GEOL, PHSC, PHYS

## **US History or Government - 3 hours**

Three hours from one of the following:

HIST 1903

**HIST 2003** 

**HIST 2043** 

HIST 2013

**POLS 2003** 

# Social Sciences, Fine Arts/Humanities, Speech Communications - 15 hours

(Complete one of the following 3 options):

## Option 1:

Social Sciences - 6 hours Fine Arts and Humanities - 6 hours Speech Communications - 3 hours

### Option 2:

Social Sciences - 6 hours

Fine Arts and Humanities - 9 hours

## Option 3:

Social Sciences - 9 hours

Fine Arts and Humanities - 6 hours

## **Speech Communications**

**COMM 1003** 

**COMM 2003** 

**COMM 2173** 

## **Social Sciences**

(Students majoring in engineering may substitute up to six hours of upper level humanities, social sciences, mathematics, or science)

**AGBU 2063** 

**AGBU 2073** 

**AMST 2003** 

**ANTH 1213** 

ANTH 2003

ECON 2003

ECON 2013

ECON 2103

FIN 2013

**GEOG 2013** 

HIST 1503

HIST 1513

HIST 1543

HIST 1903

HIST 2003

HIST 2013 HIST 2043

LEAD 1003

**POLS 2003** 

PSY 2003

**SOC 1003** 

### Fine Arts and Humanities

**ART 2123** 

CHIN 1013

CHIN 1023

**ENGL 2003** 

**ENGL 2013** 

**ENGL 2023** 

**ENGL 2173** 

**ENGL 2183** 

FR 1013

FR 1023

**GER 1013** 

GER 1023

**JOUR 2173** 

JPN 1013

JPN 1023

LAT 1013

LAT 1023

**LEAD 2003** 

MUS 2003

**PHIL 2003** 

PHIL 2043

**PHIL 2053 SPAN 1013** 

**SPAN 1023** 

TH 2273

# **Arkansas Course Transfer System (ACTS)**

Act 747 of 2011 establishes a statewide common course numbering system for postsecondary courses. The Arkansas Course Transfer System (ACTS) meets this requirement. Before you register for ATU general education courses, please see the transfer table located in the "Admissions" section of this catalog to verify whether you have courses that are transferable.

# **Freshman Orientation**

Beginning fall, 2008, all entering freshmen are required to take an orientation course during their first semester of enrollment (fall or spring). A number of the academic majors have an orientation course designed specific to the major. Students whose declared major does not have an orientation course or who are undeclared will take TECH 1013, or TECH 1001.

All orientation courses are designed to introduce the beginning student to the Arkansas Tech University campus, its culture, and traditions, and will contain certain common topics. Important policies governing campus life will be explained, and campus resources will be identified. Topics covered in each course will answer many questions typical freshmen have, which will assist in the transition from a high school environment. Subject matter will include managing time, setting academic goals, exam preparation, study and note-taking skills, introduction to library resources, and choosing a major and career.

# **State Minimum Core**

The courses that comprise Tech's general education curriculum also constitute the University's State Minimum Core, established in accordance with Act 98 of 1989, for implementation the fall semester of 1991. Act 98 requires colleges and universities to identify "a minimum core of courses which shall apply toward the general education core curriculum requirements for baccalaureate degrees at state supported institutions of higher education and which shall be fully transferable between state institutions.'

# Credit By Examination

Arkansas Tech University recognizes the rigor of Advanced Placement (AP), International Baccalaureate Programme (IB), and the College Level Examination Program (CLEP). Students who have scored accordingly on an AP, IB, or CLEP exam can earn credit toward graduation at Arkansas Tech University by receiving a qualifying score on the examinations. These credits can satisfy general education requirements.

Students who have already earned a grade in a course may not earn duplicate credit through advanced credit. Advanced credit is not used to calculate a student's grade point average, and therefore, cannot be used to retain scholarship awards.

AP, CLEP, and IB scores should be documented on your application for admission. Submit official score reports or readable copies embossed by your high school to the Office of Admissions. Students who have earned International Baccalaureate (IB) credit should submit their IB transcript for evaluation.

No more than a total of 30 semester hours of correspondence, extension, military service, or credit by examination work may be applied as credit towards a degree.

### IB (International Baccalaureate) Diploma

Students who successfully complete the International Baccalaureate Diploma Programme, with a minimum score of four on each examination, will be granted 30 semester credit hours of undergraduate general education courses. ATU may grant fewer than 30 semester credit hours if the student received a score of less than four on an examination administered as part of the IB Diploma Programme.

Following are the IB examinations that Tech will accept, the corresponding qualifying score, and credit awarded.

IB Examination	Qualifying Score	Credit Awarded
Biology/Standard	4 w/diploma	BIOL 1014
Biology/Higher	4	BIOL 1014 or BIOL 1114
Business Management/ Standard or Higher	4	3 hours of elective credit
Chemistry/Standard	4 w/diploma	CHEM 2124
Chemistry/Higher	4	CHEM 2124 & CHEM 2134
Computer Science/Standard	4 w/diploma	COMS 1013 & COMS 1011

Computer Science/Higher	4	COMS 1013 & COMS 1011
Dance/ Standard or Higher	4	3 hours of elective credit
Design Technology /Standard or Higher	4	3 hours of elective credit
Economics/Standard	4 w/diploma	ECON 2003
Economics/Higher	4	ECON 2003 & ECON 2013
English/Standard	4 w/diploma	ENGL 1013 OR ENGL 2003
English/Higher	4	6 hours from the below courses: ENGL 1013, ENGL 1023, ENGL 2003, ENGL 2013
Environmental Systems/Higher	4	BIOL 1004
Film Studies/Higher	4	ENGL 2173 or JOUR 2173
French: Language A or B/Standard	4 w/diploma	FR 1013
French: Language A or B/Standard	5 w/diploma	FR 1013 & FR 1023
French: Language A or B/Higher	4	FR 1013 & FR 1023
French: Language A/Higher	5	FR 1013, FR 1023, FR 2013, & FR 2023
Geography/Standard	4 w/diploma	GEOG 2013
Geography/Higher	4	GEOG 2013
German: Language A or B/Standard	4 w/diploma	GER 1013
German: Language A or B/Standard	5 w/diploma	GER 1013 & GER 1023
German: Language A or B/Higher	4	GER 1013 & GER 1023
German: Language A/Higher	5	GER 1013, GER 1023, GER 2013 & GER 2023
Global Politics/ Standard or Higher	4	POLS 2413
Greek: Language A or B/Standard	4 w/diploma	3 hours of elective credit
Greek: Language A or B/Standard	5 w/diploma	6 hours of elective credit
Greek: Language A or B/Higher	4	6 hours of elective credit
Greek: Language A/Higher	5	12 hours of elective credit
History/Standard (U.S.)	4 w/diploma	HIST 2003
History/Higher (U.S.)	4	HIST 2003 & HIST 2013
History/Standard (World)	4 w/diploma	HIST 1503
History/Higher (World)	4	HIST 1503 & HIST 1513
IT Global Society/ Standard or Higher	4	3 hours of elective credit
Japanese: Language A or B/Standard	4 w/diploma	JPN 1013
Japanese: Language A or B/Standard	5 w/diploma	JPN 1013 & JPN 1023
Japanese: Language A or B/Higher	4	JPN 1013 & JPN 1023
Japanese: Language A or B/Higher	5	JPN 1013 , JPN 1023 , JPN 2013 & JPN 2023
Latin: Language A or B/Standard	4 w/diploma	LAT 1013

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Latin: Language A or B/Standard	5 w/diploma	LAT 1013 & LAT 1023
Latin: Language A or B/Higher	4	LAT 1013 & LAT 1023
Latin: Language A/Higher	5	LAT 1013, LAT 1023, and 6 hours of elective credit
Mandarin: Language A or B/Standard	4 w/diploma	3 hours of elective credit
Mandarin: Language A or B/Standard	5 w/diploma	6 hours of elective credit
Mandarin: Language A or B/Higher	4	6 hours of elective credit
Mandarin: Language A/Higher	5	12 hours of elective credit
Math Appl Interpretations/Standard	4 w/diploma	MATH 1113
Math Appl Interpretations/Standard	5 w/diploma	MATH 1113 & MATH 1203
Math Analyst Approach/Higher	4	MATH 2914
Math Analyst Approach/Higher	5	MATH 2914 & MATH 2924
Music/Standard	4 w/diploma	MUS 1713
Music/Higher	4	MUS 1713
Music/Higher	5	MUS 1713 & MUS 1723
Philosophy/Standard	4 w/diploma	PHIL 2003
Philosophy/Higher	4	PHIL 2003
Physics/Standard	4 w/diploma	PHYS 2014
Physics/Higher	4	PHYS 2014 & PHYS 2024
Psychology/Standard	4 w/diploma	PSY 2003
Psychology/Higher	4	PSY 2003
Social and Cultural Anthropology/Standard	4 w/diploma	ANTH 1213
Social and Cultural Anthropology/Higher	4	ANTH 2003
Spanish: Language A or B/Standard	4 w/diploma	SPAN 1013
Spanish: Language A or B/Standard	5 w/diploma	SPAN 1013 & SPAN 1023
Spanish: Language A or B/Higher	4	SPAN 1013 & SPAN 1023
Spanish: Language A or B/Higher	5	SPAN 1013 , SPAN 1023 , SPAN 2013 & SPAN 2023
Sports, Exercise Health Science/ Standard or Higher	4	3 hours of elective credit
Theater Arts/Standard	4 w/diploma	TH 2273
Theater Arts/Higher	4	TH 2273
Visual Arts/Standard	4 w/diploma	ART 2123
Visual Arts/Higher	4	ART 2123
World Religions/ Standard or Higher	4	3 hours of elective credit

# AP (Advanced Placement) Program

High school students who participated in The College Board's AP Program may receive college credit by attaining Tech's AP qualifying score. Credit earned through AP may satisfy general education requirements. Following are the AP examinations that Tech will accept, the corresponding qualifying score required, and credit awarded.

AP Examination	Qualifying Score	Credit Awarded
Art History	3	ART 2123
Biology	3	BIOL 1014
Biology	4	BIOL 1114
Calculus AB	3	MATH 2914
Calculus BC	3	MATH 2914 & MATH 2924
Capstone: Research	3	General Elective
Capstone: Seminar	3	General Elective
Chemistry	3	CHEM 1113, CHEM 1111 & CHEM 2204 or CHEM 2124 & CHEM 2134
Chinese Language & Culture	3	CHIN 2013
Computer Science Principles	3	COMS 1403 & COMS 1411
Computer Science A	3	COMS 1013 & COMS 1011
Computer Science A	4	COMS 1013 & COMS 1011 & COMS 2203
English Lang/Comp or Lit/Comp	3	ENGL 1013
English Lang/Comp or Lit/Comp	4	ENGL 1013 & ENGL 1023
Environmental Science	3	BIOL 1004, ENVS 1004 or PHSC 1004
European History	3	General Elective
French Language	3	FR 2013
German Language	3	GER 2013
Government & Politics: Comparative	3	POLS 2403
Government & Politics: US	3	POLS 2003
Human Geography	3	GEOG 2023
Italian Language & Culture	3	General Elective
Japanese Language & Culture	3	JPN 2013
Macroeconomics	3	ECON 2003
Microeconomics	3	ECON 2013
Music Theory	3	MUS 2003
Music Theory	4	MUS 2003 & MUS 1713
Physics B	3	PHYS 2014 & PHYS 2024
Physics C: Electricity & Magnetism	3	PHYS 2024

Physics C: Electricity & Magnetism	4	PHYS 2124
Physics C: Mechanics	3	PHYS 2014
Physics C: Mechanics	4	PHYS 2114
Physics 1	3	PHYS 2014
Physics 2	3	PHYS 2024
Psychology	3	PSY 2003
Spanish Language	3	SPAN 2013
Spanish Literature	3	General Elective
Statistics	3	STAT 2163
Studio Art Design 2-D	3	ART 1403
Studio Art Design 3-D	3	ART 2413
Studio Art Drawing	3	ART 1303
United States/American History	3	HIST 2003 & HIST 2013
World History	3	HIST 1503 & HIST 1513

# **College Level Examination Program (CLEP)**

CLEP allows students to earn credit toward graduation by attaining Tech's qualifying score on either the general and/or subject examinations. Credit earned through CLEP may satisfy general education requirements.

It is recommended that an ACT sub-score of 24 or above or an SAT sub-score of 500 or above be used as a guideline for attempting to earn credit through CLEP. Following are the CLEP examinations that Tech will accept, the corresponding qualifying score required, and credit awarded.

CLEP Examination	Qualifying Score	Credit Awarded
American Government	50	POLS 2003
American Literature	50	ENGL 2013
Biology	50	BIOL 1014 or BIOL 1114
Calculus	50	MATH 2914
Chemistry	50	CHEM 2124
Chemistry	55	CHEM 2124 & CHEM 2134
College Algebra	50	MATH 1113
College Mathematics	50	MATH 1003
College Composition	50	ENGL 1013
College Composition	59	ENGL 1013 & ENGL 1023
College Composition Modular	50	ENGL 1013

College Composition Modular	59	ENGL 1013 & ENGL 1023
English Literature	50	ENGL 3413
English Literature	55	ENGL 3413 & ENGL 3423
French Language	42	FR 1013
French Language	50	FR 1013 & FR 1023
German Language	43	GER 1013
German Language	55	GER 1013 & GER 1023
History of the United States I	50	HIST 2003
History of the United States II	50	HIST 2013
Human Growth & Development	50	PSY 3813
Humanities	50	HUM 2003
Information Systems & Computer Applications	52	COMS 1003
Natural Sciences	56	BIOL 1014 , PHSC 1013, & PHSC 1021
Precalculus	50	MATH 1914
Principles of Macroeconomics	50	ECON 2003
Psychology, Introductory	50	PSY 2003
Social Sciences & History	50	HIST 1503
Social Sciences & History	56	HIST 1503 & HIST 1513
Sociology, Introductory	50	SOC 1003
Spanish Language	45	SPAN 1013
Spanish Language	55	SPAN 1013 & SPAN 1023

# **Institutional Credit**

### **Computer Science**

Students with previous computer experience may petition the Department of Computer and Information Science for credit for COMS 1003. Petitioners will be given written and/or oral examinations by a computer science faculty member.

### **Engineering**

Registered ATU students who have successfully completed PLTW Introduction to Engineering Design (IED) will be given articulated credit for MCEG 1002 Engineering Graphics. Students who have successfully completed PLTW Principles of Engineering (POE) will be given articulated credit for MCEG 1011 Introduction to Mechanical Engineering. To receive articulated credit at no charge for the courses identified above, the students and the school at which they studied must satisfy the following criteria: To receive credit for MCEG 1002, students must achieve each of the following: a.) Course grade of at least 85% and b.) PLTW end of course Stanine score of 6, 7, 8, or 9 OR PLTW raw score equivalent to a course Stanine score of 6, 7, 8, or 9 OR PLTW scale score of 350 or above. To receive credit for MCEG 1011, students must achieve each of the following: a.) Course grade of at least 85% and b.) PLTW end of course Stanine score of 6, 7, 8, or 9 OR PLTW raw score equivalent to a course Stanine score of 6, 7, 8, or 9 OR PLTW scale score of 320 or above. (Course grades and end of course assessment scores must be supported by documentation from the high school or program agency.)

### Foreign Language

Students with previous foreign language experience may petition the Department of English and World Languages for advanced placement and credit. A foreign language faculty member will recommend an appropriate foreign language placement level. This placement level will not exceed FR 3013 , GER 3013, JPN 3013, or SPAN 3013, and will be approved by the department head. Students who have omitted one or more courses in the basic

language sequence will receive credit for omitted courses when they have validated their advanced placement by passing the course into which they are placed with a grade of "C" or better.

## **Challenge Subject Examinations**

Students who have had extensive experience in health care and industrial settings may elect to attempt to earn credit through an institutional challenge examination in the following subjects or technical programs:

AHS 2013

HIM 3023

HIM 3033

HIM 3133

HIM 3132

### **Nursing Examinations**

Registered nurses, licensed practical nurses, and/or licensed psychiatric technician nurses seeking admission to Arkansas Tech University's nursing program may elect to demonstrate and validate previous collegiate-quality nursing education. This may be accomplished by successfully completing certain ACT-PEP, CLEP, and National League for Nursing examinations. See the Department of Nursing.

### **Internships**

Arkansas Tech University endorses the internship approach to learning and has adopted university-wide guidelines. This approach can help students understand the reality of certain careers and supplement academic instruction with practical, realistic implementation in a work environment. Academic credit can be earned for internships in several degree programs. Please see individual programs for availability of specific degree credit.

## UNIVERSITY HONORS

Dr. Georgeanna N. Wright, Director

Rothwell 452 (479) 968-0443 gwright7@atu.edu

The University Honors program at Arkansas Tech University provides an enriched intellectual experience for students of outstanding educational talents and leadership potential. At Arkansas Tech University, the Honors Student will benefit from opportunities to interact with other highly motivated students and outstanding professors in the challenging atmosphere of small, innovative honors classes specially designed to foster rational inquiry; critical thinking, and analytical skills.

The high school student should apply to University Honors as early as possible during the senior year, since the deadline for applications is noon on December 15. Honors Students are selected through a competitive process requiring admission to the Tech, a written essay, and an interview. To be eligible for University Honors, the high school student must have a cumulative grade point average of 3.5 or higher and either be in the top 10% of their high-school graduating class or have an ACT Composite of 27 or higher.

Students in University Honors take special General Education courses which are designed to meet the Student's unique abilities. Sophomores participate in on-campus and community volunteer projects, followed by participation as peer mentors during the junior year. The senior year requires completion of the Senior Honors Project, as well as presentation of project results at an annual Senior Honors Symposium.

Students selected for the University Honors program may receive stipends in addition to any academic scholarships Tech has designated for them.\* Honors Program Students also have enhanced opportunities, preferred preregistration and housing selection, living in our Honors Living/Learning Community, individually directed study with members of the faculty, and special recognition at commencement. The prescribed curriculum for the University Honors program is provided below.

### \*University Honors stipends are not eligible for Academic Intervention or Summer Earn Back programs.

Honors Curriculum		
Freshman Year		
Fall Semester:	HONR 1003	3 hours
	HIST 1543 OR	3 hours

	HIST 2043	
	HIST 2043	
Spring Semester:	ENGL 2183	3 hours
	Sophomore Year	
Fall Semester:	ECON 2103	3 hours
	Campus Service Component	
Spring Semester:	PHIL 2043 OR	3 hours
	ENGL 2023	
	Campus Service Component	
Junior Year		
Fall Semester:	Mentor incoming Honors Freshmen	
Spring Semester:	Write proposal for the Seniors Honors Project	
	ENGL 2023 OR	3 hours
	PHIL 2043	
Senior Year		
Fall Semester:	HONR 4093	3 hours
Spring Semester:	Honor students will present their Senior Honors Projects at the Senior Honors Symposium.	
	Total Hours	21

# **COLLEGE DISTINCTION**

College Distinction provides exceptional current Arkansas Tech students an opportunity to challenge themselves academically and gain recognition for their outstanding work in the college classroom. Students with at least sixty hours of college credit and thirty hours of course work at Arkansas Tech with a minimum 3.5 GPA are invited to participate in the program. Students who accept the invitation to pursue College Distinction will have the opportunity to take two courses designated as distinction courses. The first is an enrichment course. This course provides an extra educational experience related to the student's field of study and could include, among other experiences, study abroad, internship, service learning, or mentorguided research. The second is an enhanced capstone course. This course demonstrates a student's ability to work at an exceptional level in a given field and is enhanced by an advanced or accelerated curriculum.

Students' successful completion of the course requirements and a graduating GPA of 3.5 or better will allow for graduation "with distinction." This will be noted on student transcripts and diplomas.

Each department within a college will identify distinction courses for each major. To see requirements for fulfillment of College Distinction in the specific departments, go to their departmental pages by following the links below.

- · Department of Agriculture and Tourism
- · Department of Art
- Department of Behavioral Sciences
- Department of Biological Sciences
- Department of Communication & Media Studies
- Department of Engineering and Computing Sciences
- Department of English & World Languages
- Department of History & Political Science
- · Department of Kinesiology and Rehabilitation Science
- Department of Mathematics and Statistics
- Department of Music
- Department of Nursing
- Department of Physical and Earth Sciences
- Department of Emergency Management and Professional Studies
- Department of Teaching & Educational Leadership
- School of Business

# **MILITARY SCIENCE**

Reserve Officers' Training Corps Adjunct Faculty 1508 North Boulder Avenue Russellville, AR 72801 (479) 498-6066 (Tech) (501) 450-3145 (UCA)

Arkansas Tech University students may enroll in military science courses offered on the Arkansas Tech Campus. The objective of the department is to provide a basic military education and, in conjunction with the goals of Tech, to develop individual attributes essential to an Army officer. Instruction covers military fundamentals common to all branches of the military service.

Courses are open to all students. Requirements for enrollment in military science courses are as follows:

- 1 .Student must be enrolled at Tech and remain at or above the University's probationary level.
- 2 .When contracted by the Department of Military Science, students must have a cumulative grade point average of at least 2.00; ROTC scholarship recipients must maintain a 2.50 GPA or better. Registration for military science courses is accomplished at the same time and in the same manner as registration for other courses through Tech. Students interested in this program may obtain further information by contacting the ROTC Department at (479) 498-6069.

# PROGRAMS OF STUDY

# **Bachelor Degrees**

### **Agriculture & Tourism**

- Agriculture Business
  - Animal Science Option
  - Horticulture Option
  - Pre-Veterinary Medicine
- · Agriculture for Teacher Licensure
- · Hospitality Administration
  - Event Management Emphasis
  - Foodservice Management Emphasis
  - Lodging Management Emphasis
- · Recreation & Park Administration
  - Interpretation Emphasis
  - Natural Resource Emphasis
  - · Recreation Sport Management Emphasis
  - Therapeutic Recreation Emphasis

### Art

- BA Art Education
- BA Fine Arts
- BFA Fine Arts
- BFA Game and Interactive Media Design
- BFA Graphic Design

### **Behavioral Sciences**

- · Criminal Justice and Criminology
- Psychology
- Sociology

# **Biological Sciences**

- Biology
  - Biomedical
  - General
- Environmental Science
- Fisheries & Wildlife Science
- Medical Laboratory Science
- · Nuclear Medical Technology

# **Communication & Media Studies**

- Communication
  - Communication Option
  - Theatre and Film Production Option
- Digital Content Creation
- Journalism

## **Engineering and Computing Science**

- Computer Engineering
- · Electrical Engineering
  - Electrical Engineering
  - · Electrical Engineering with Biomedical Option
- Computer Science
- · Computer Science Education
- Cybersecurity
- Information Technology
- Mechanical Engineering

# Emergency Management, Professional Studies, and Student Affairs Administration

- Emergency Management
- Applied Science
- Organizational Leadership
  - Agriculture Business Concentration
  - Child Development Concentration
  - Criminal Justice Concentration
  - Emergency Management
  - Inter-College Concentration
  - Military Leadership Concentration
  - Psychology Concentration
  - Public Relations Concentration
- · Professional Studies
  - Interdisciplinary Studies Concentration

# **English & World Languages**

- · Creative Writing
- English
- · English for Teacher Licensure
- World Language -Spanish
- World Language with Concentration in Spanish Education for Teacher Licensure

### Kinesiology & Rehabilitation Science

- Health and Exercise Science
  - Kinesiology option
  - · Pre-Allied Health Studies option
- Health and Physical Education for Teacher Licensure
- · Rehabilitation Science

# **History & Political Science**

- · Anthropology and Geography
- History
- · International Studies
- · Political Science
- · Social Studies for Teacher Licensure

# **Mathematics & Statistics**

- Applied Statistics
  - · Actuarial Science
  - Data Science
- · Mathematics
- Mathematics for Teacher Licensure

### Music

Music

- Music for Teacher Licensure
  - Instrumental Music Option
  - Keyboard Instrumental Music Option
  - Keyboard Vocal Music Option
  - Vocal Music Option

### Nursing

- BSN Pre-licensure Program
- RN to BSN Program
- · LPN to BSN Program

# **Physical & Earth Sciences**

- Chemistry
  - Biochemistry Option
  - Environmental Option
  - General Option
  - · Professional Option
- Engineering Physics
- Geology
  - Environmental Option
  - Petroleum Option
  - · Professional Option
- Physics

### **School of Business**

- Accounting
- Finance
- Business Data Analytics
- · Business Management
- · Digital Marketing
- Health Information Management

## **Teaching & Educational Leadership**

- Elementary Education
- Middle Level Education
  - English/Language Arts
  - Mathematics
  - · Social Studies
  - Science
- · Secondary Education
  - Agriculture
  - Art
  - Computer Science
  - English
  - Mathematics
  - Music Education
    - Instrumental Music
    - Keyboard Instrumental Music
    - Keyboard Vocal Music
    - Vocal Music
  - · Social Studies

# **Accelerated Bachelors to Masters Degrees**

# Minors

# **Agriculture & Tourism**

- Agriculture
- Recreation & Park Administration
- · Hospitality Administration

#### Ar

### **Behavioral Sciences**

Anthropology

- · Criminal Justice
- Psychology
- Sociology

# **Biological Sciences**

## **Communication & Media Studies**

- Journalism
- · Social Media
- Speech Communication
- Theatre

### **English & World Languages**

- · Creative Writing
- English
- Film Studies
- French
- German
- Japanese
- Latin American Studies (with language proficiency)
- Latin American Studies (without language proficiency)
- Spanish
- Spanish for Medical Interpretation
- Teaching English as a Second Language

# Emergency Management, Professional Studies, & Student Affairs Administration

- Emergency Management
- · Leadership Studies

# **History & Political Science**

- · Geography
- History
- Military Science
- Philosophy
- · Political Science
- Pre-Law
- · Religious Studies
- · Strategic Studies

# Kinesiology and Rehabilitation Science

· Rehabilitation Science

# For Rehabilitation Science Majors ONLY

- · Addictions
- Aging
- · Child Welfare and Social Services
- · Disability Studies
- · Recreation Services

### **Mathematics & Statistics**

# **Physical Science**

- · Chemistry
- · Geology
- Physics
- · Physical Science

### **School of Business**

- Accounting
- Economics
- Business Administration
- Business & Entrepreneurship
- Business Data Analytics

# **Associate Degrees**

# **Behavioral Sciences**

· Criminal Justice

### College of Arts & Humanities

General Education

# **Engineering & Computing Science**

- Cybersecurity
- Information Technology
- Manufacturing
- · Nuclear Technology

### **Teaching & Educational Leadership**

• Early Childhood Education

### **School of Business**

· Business Administration

### **Pre-Professional Programs**

- · Pre-Dental
- Pre-Law
- · Pre-Medical
- Pre-Pharmacy
- · Pre-Physical Therapy
- Pre-Veterinary Medicine

#### Certificates

- · Advanced Certificate in Data Analytics
- · Advanced Certificate in Entrepreneurship
- · Advanced Certificate in Human Resource Management
- Certificate of Proficiency in Applied Statistics
- Certificate of Proficiency in Broadcast Journalism
- Certificate of Proficiency in Business Administration
- · Certificate of Proficiency in Casino and Gaming Industry
- · Certificate of Proficiency in Computer Networking
- Certificate of Proficiency in Computer Programming
- Certificate of Proficiency in Digital Content Creation
- · Certificate of Proficiency in Diversity Studies
- · Certificate of Proficiency in Microsoft Applications
- · Certificate of Proficiency in Performance
- · Certificate of Proficiency in Print Journalism
- · Certificate of Proficiency in Professional Leadership
- Certificate of Proficiency in Psychology
- · Certificate of Proficiency in Public Relations Journalism
- Certificate of Proficiency in Spanish for Medical Interpretation
- Certificate of Proficiency in Teaching English to Speakers of Other Languages
- · Certificate of Proficiency in Technical and Professional Communications
- Technical Certificate in Casino and Gaming Industry Management

# **SCHOLARSHIPS**

# **Foundation General Scholarships**

The student is responsible for submitting the General Foundation Scholarship Application, and all documentation listed in the scholarship criteria to the Office of Advancement. The application and all required documentation must be received by February 28 (i.e., applicant letter, reference letters, etc.). Only one application and documentation is required for multiple Foundation General Scholarships.

Documentation must include a letter from the applicant explaining the need for the scholarship, special family circumstances, and career goals. And three letters of recommendation from any of the following: Arkansas Tech faculty, High School Counselor, Principal, Pastor, Employer, or someone familiar with your work ethics and family situation.

The applicant will be considered for all scholarships through the Office of Advancement where all the criteria requirements have been fulfilled.

Submit Application Packet to:

Office of Advancement 1509 N Boulder Avenue ADM 209 Russellville, AR 72801-2222

All applications and documentation must be received by February 28.

### Susan Adams Memorial Scholarship

The family and friends of Susan Adams have established a scholarship in her memory. The amount of the scholarship will be credited toward tuition for the recipient. Although any worthy student is eligible to receive the scholarship, preference in selection will be given to out-of-state students who are children of Tech graduates.

#### **Heartsill and Polly Bartlett Scholarship**

Preference will be given to a student who is a traditional, incoming freshman from Pope or Yell County, Arkansas, has a cumulative grade point average from high school of 2.0 or higher, has demonstrated financial need and is planning to attend Arkansas Tech University full-time. To be considered for this scholarship, applicants must submit a letter of application and a letter of recommendation from their high school counselor in addition to a completed scholarship application. This scholarship may be renewable at the discretion of Arkansas Tech University if the recipient is making acceptable academic progress. Scholarships will be awarded each year that funds are sufficient.

### **Janet Beck Memorial Scholarship**

This memorial scholarship has been established by the parents and friends of Janet Beck in honor of her many accomplishments. Awards will be made each year that funds are sufficient to a graduating senior from Sacred Heart High School. In the event that no applicant meets the specified criteria in a given year, this scholarship may go un-awarded for that year. Two letters of recommendation from high school teachers and/or counselors should accompany the scholarship application.

### 1 .J. Burton Memorial Scholarship

Scholarships and awards will be granted each fall that funds are sufficient. The recipient must be a member of the Arkansas Tech Softball Team, with full-time student status, sophomore level or higher, and have a cumulative grade point average of 2.5 or higher. Demonstrate financial need. The scholarship may be renewed for the spring semester provided the recipient continues to meet the scholarship criteria and funds are sufficient. Scholarship recipients from one year will be eligible to reapply for subsequent years.

### Judge J. E. Chambers Scholarship

Proceeds from an endowment by the family of the late Judge John E. Chambers provide scholarships for outstanding applicants from Danville, Western Yell County or Dardanelle high schools. Academic promise and service to school and community will be heavily considered in determining the recipient. Submit application with two supporting letters of recommendation.

### John Clement / First State Bank Scholarship Fund

Established by the First State Bank, this scholarship honors John Clement for his many years of service to the River Valley community. Scholarship applicants must be an entering freshmen who graduated from Ola or Plainview, have the recommendation of their high school counselor as being qualified to complete a higher education curriculum. Additionally, applicants must have demonstrated financial need and not have access to other scholarships or grants which will completely pay their education costs.

# Connie V., Loretta M., & Elora C. Coker Scholarship

This scholarship will be awarded each year that funds are sufficient. Preference will be given to an incoming freshman, a graduate of Two Rivers School District in Arkansas, and enrolls in 15 semester credit hours or more. This scholarship may be renewed for the freshman spring semester if the recipient continues to enroll in 15 credit hours and maintains a cumulative 2.0 grade point average or higher. If the recipient meets the scholarship renewal requirements of the freshman year, the scholarship may be renewed for an additional six consecutive semesters provided the recipient enrolls in and successfully completes 15 credit hours each semester and maintains a cumulative 2.5 grade point average or higher.

### Angelo and Rosa Denova Graduate History Award

The recipient of this award will be selected by a History Department Paper Prize Award Committee. It is open to any student enrolled in a graduate History course at Arkansas Tech, regardless of major, during the current award cycle. Students should submit a scholarly paper written during the current award cycle in a History class at Arkansas Tech. Specific Submission Guidelines are available from Department of History and Political Science.

### Disabled American Veterans Simpson Turner Chapter 27 Scholarship

This scholarship was established by the members of the DAV Simpson Turner Chapter 27 to benefit the children and grandchildren of military veterans. Scholarships will be awarded each year that funds are sufficient to a full-time student who is not solely an online student, has a minimum grade point average of 2.5, and has demonstrated financial need. Additionally, the student must submit of statement of need of no more than 500 words and must produce proof of military service of his/her parent or grandparent.

# Arkansas Tech Faculty/Staff Scholarship

This scholarship was established to benefit faculty, staff, or dependents of faculty/staff enrolled in classes at Arkansas Tech University. Any full-time or part-time student who is eligible for the Aid for On-Campus Study program and has submitted a "Faculty Staff Waiver" through Arkansas Tech is eligible. This scholarship is non-renewable for the following semester, although recipient is eligible to reapply in subsequent years.

# Nicki Goodlett Memorial Scholarship

A scholarship award will be made each year that funds are available. The student must meet the following criteria: be an Arkansas resident, full-time student, be of sophomore classification (30 credit hours) or higher, have a 2.0 cumulative GPA or higher, receiving no other scholarships. Applicants should submit a letter of application expressing need and goals, three letters of recommendation from a pastor, faculty member, or other who can articulate the applicant's background, financial situation, and goal: and show performance that reflects an ability to successfully attain a college degree and demonstrates a significant trend toward academic improvement.

## Benny and LaVel Harris Scholarship

This scholarship was established through the generosity of Benny and LaVel Harris to benefit students from Stone County, Arkansas. The recipient will be a graduate of a Stone County, Arkansas, high school, a full-time student, have a cumulative grade point average of 2.5, and have demonstrated financial need.

## Savannah Kaitlyn Hintze Memorial Scholarship

This scholarship, established by the family and friends of Savannah Kaitlyn Hintze, will be awarded each year that funds are available to a full-time entering freshman. To be considered for this award, students must have a cumulative grade point average of 2.5 or higher and demonstrated financial need. Applicants should submit a letter of application that expresses need and goals. Also, the letter should include the applicant's views on volunteerism and community involvement. This scholarship is renewable for the spring semester, provided the recipient continues to meet the criteria.

### **Charles and Carol Lee Ketcheside Scholarship**

Scholarships will be granted each year that funds are sufficient to a full-time student who is in good academic standing and has demonstrated financial need.

## 1 .E. Maxwell Scholarship

The scholarship will be awarded each year funds are sufficient to a student who has been a Pope County resident for a minimum of five years, has an ACT composite score of 21 or above, a minimum cumulative grade point average of 3.0 or higher, is a full-time student, and demonstrates financial need. Recipients may re-apply for subsequent years.

# George C. McCarty Memorial Scholarship

This scholarship is based on financial need of a male student. A scholarship award will be made each fall semester that funds are sufficient.

### Mitchell-Keathley Scholarship

Established in honor of Mr. and Mrs. Bobby Keathley and Mr. Boss Mitchell, this scholarship will benefit graduates of Danville High School. To be eligible for this scholarship, the applicant must have attended Danville High School (Danville, AR) for the last four semesters prior to graduation and be accepted for admission to Arkansas Tech University. Additionally, high school grade point average, ACT score, leadership roles in school and community, and financial need will be considered.

### Van & Marilyn Moores Scholarship

This partial-tuition general scholarship will be awarded annually. Most awards are made to incoming freshmen.

## Harold and Jackie Neal Scholarship

A scholarship awarded each year that funds are sufficient to a deserving Arkansas Tech University student who demonstrates financial need and is making acceptable academic progress.

#### Non-Traditional Student Scholarship

This scholarship was established to benefit non-traditional students at Arkansas Tech University. The recipient will be a non-traditional student, aged 23 years or older, and maintain a minimum 3.0 cumulative GPA.

### **Rexann Oller International Students Scholarship**

The Rexann Oller International Students Scholarship will be awarded each year to an international student who shows academic achievement in international affairs and/or strong background and interest in international relations. This scholarship is open to all Arkansas Tech International undergraduate and graduate students who have a minimum GPA of 3.0. Preference will be given to students with demonstrated financial need. Recipients of other tuition scholarships are not eligible to apply. Please contact the office of ATU International Student Services and the Dean of Graduate Studies or full application requirements.

### **Anita Page Memorial Scholarship**

The recipient of this scholarship must work a designated number of hours per week in a department related to the student's major.

### Joe Murphy Undergraduate History Award

The recipient of this award will be selected by a History Department Paper Prize Award Committee. It is open to any student enrolled in an undergraduate History course at Arkansas Tech, regardless of major, during the current award cycle. Students should submit a scholarly paper written during the current award cycle in a History class at Arkansas Tech. Specific Submission Guidelines are available from Department of History and Political Science.

# **Tate Page Family Scholarship**

The family of the late Dr. Tate Page has endowed a scholarship in his memory which will be awarded annually.

## Jim Price Memorial Scholarship

Friends and members of the Church of Christ have established an endowed scholarship fund in memory of Jim Price to assist students who are members of the Church of Christ. The scholarship is awarded on a semester basis and can be renewed for one additional semester. To be eligible, a recipient must have completed 24 or more hours at Arkansas Tech with a "C" average or better. Applicants may contact the Jim Price Memorial Scholarship Fund Board of Directors at the Church of Christ Student Center in Russellville. Students should be recommended by their home congregation.

### A.L. & Verneil Reed Scholarship Fund

Established through the generosity of Mr. and Mrs. Reed, this scholarship shall be awarded each year that funds are sufficient to an undergraduate student who meets the entry requirements of Arkansas Tech and can provide proof of an earned cumulative grade point average of 3.0 or higher as reflected on an official high school transcript. In addition, applicants must enroll as a full-time student, successfully maintain that full-time status and have demonstrated financial need.

### **Davidson Roy Scholarship**

Awarded each year that funds are sufficient, this scholarship will be awarded to students who have a proven record of academic achievement and demonstrated financial need.

### Russellville Kiwanis Club Jack Holloway / Joe Ray Scholarship

This endowed scholarship has been established by the Russellville Kiwanis Club through the Arkansas Tech University Foundation for the purpose of providing scholarships for students attending Arkansas Tech University. This scholarship is in memory of Jack W. Holloway who was an active Kiwanian for over 30 years and a veteran of WW II. Joe Ray was from Havana and served in the Arkansas Senate. Scholarships will be granted each year that funds are sufficient with preference given to students who have graduated from high school in Perry, Yell, Newton or Pope County, have maintained a high school grade point average of at least 2.5 on a 4.0 scale and are planning to attend Arkansas Tech University on a full-time basis. Scholarships will be awarded for a period of one year. However, students may re-apply for subsequent years if they maintain a cumulative grade point average of 2.5 or higher at Arkansas Tech University.

### Russellville Noon Lions Club Scholarship

A scholarship will be awarded to a local student who exhibits academic ability, leadership, and financial need. Recipient will be required to attend a meeting of Russellville Noon Lions Club.

### Russellville Rotary Club Scholarship

A scholarship is awarded each year to a Pope County student. Applications may be made each summer to the Rotary Club through any of its members.

### **Charles Shelton Memorial Scholarship**

This memorial scholarship, established by the family and friends of Charles Shelton, will benefit graduates of Jasper High School who attend Arkansas Tech University. The recipient will be a full-time traditional student from Jasper High School. Preference will be given to incoming freshmen who are majoring in mathematics. Recipient must maintain a minimum cumulative grade point average of 2.5. This scholarship is not automatically renewable, but the recipient is eligible to reapply in subsequent years.

### **David Shinn Memorial Scholarship**

This scholarship, established by Cayce Shinn in memory of her husband, will be awarded each year that funds are available to a full-time student who maintains a minimum 3.0 cumulative GPA and has demonstrated financial need. Preference will be given to an incoming freshman. The scholarship is not automatically renewable after the first year, but recipients are eligible to re-apply in subsequent years.

# Mary Teresa Shinn Scholarship

The scholarship is given in memory of Mary Teresa Shinn.

### **Kenneth and Janice Sutton Scholarship**

Through the generosity of Kenneth and Janice Sutton, a scholarship has been established to assist students who are residents of Stone County, Arkansas. The recipient will be an entering freshman, who is attending Arkansas Tech the fall immediately following high school graduation, have a high school cumulative grade point average of 3.0 or higher, have an ACT score of 21 or higher, be enrolled as a full-time student, and have a letter of recommendation from the high school guidance counselor or teacher. The scholarship is renewable for the spring semester provided the student completed a full-time course load in the fall with a 2.5 grade point average and enrolls as a full-time student in the spring semester.

### Mary Elizabeth Ragland Urton Memorial Scholarship

An award will be given each year that funds are sufficient to a deserving female student who has maintained a minimum grade point average of 2.5; practices her leadership skills; and exemplifies ethical and moral values.

# Alfred and Martha Brownlee Vance Scholarship

An annual scholarship for an incoming freshman will be awarded each year funds are sufficient. Preference will be given to a Pope County resident.

### **Vance Family Scholarship**

The annual scholarship will be awarded when funds are sufficient.

#### Jessie Rye Wade Scholarship

This scholarship will be awarded each year that funds are sufficient to full-time students who exhibit academic progress and have demonstrated financial need. To be considered, applicants must submit a completed application along with a letter of recommendation from an Arkansas Tech University faculty member.

## **Eugene and Hazel Weir Educational Trust**

This scholarship was established to provide scholarships to qualified Arkansas Tech University students from Pope County, Arkansas. Mrs. Weir graduated from Atkins High School, attended Arkansas Tech and then went on to teach in Pope County schools for 48 years, including many years in Russellville.

### Robert Hays and Martha Williams Scholarship

The Robert Hays and Martha Williams tuition scholarship is awarded to an incoming freshman. The recipient must be a resident of an Arkansas county within 100 miles of Arkansas Tech University. The student must have maintained a "B" average through high school, participated in school activities, possess the quality of good citizenship and have financial need. This scholarship is renewable for up to seven semesters or until recipient's graduation, whichever occurs first, as long as the recipient remains a full-time student and maintains a minimum 2.5 GPA.

## **Ted and Betty Williams Scholarship**

In honor of Ted and Betty Williams, this scholarship has been established to provide scholarships during the fall and spring semesters for students who demonstrate financial need, maintain a cumulative grade point average of 3.0 or higher, enroll in and successfully complete a minimum of fifteen hours each semester, and exhibit leadership potential as demonstrated by extracurricular achievements. Scholarship recipients from one year will be eligible to re-apply for subsequent years. Applicants must submit a written application to the Director of Enrollment Management in a process that will be administered by the Office of Academic Affairs. This scholarship requires a separate application which is available through the Admissions Office in the Student Services Building.

### Teresa Williams Memorial Endowment Scholarship

Endowed scholarships to Arkansas Tech will be awarded to qualified high school graduates of Benton, Arkansas.

# **Major Specific Scholarships**

# **Alumni Association Scholarship**

Alumni Association Scholarship

- 1. At least one parent must have graduated or completed one full semester (12 hours) of classes at Arkansas Tech University.
- 2 .Must be an incoming high school graduate, enrolling in the fall semester following your high school graduation.
- 3 .Must enroll in a minimum of 12 credit hours during the two semesters of the awarded scholarship.
- 4 .Must have a minimum cumulative high school grade point average of 3.2 on a 4.0 scale and have a minimum composite ACT score of 21.
- 5 .With this application, you must send official copies of your seven (7) semester high school transcript and ACT scores provided directly from the high school you attend along with two letters of recommendation.
- 6 .Attach a one to three-page personal essay that includes why you selected Arkansas Tech University as your college of choice, information about siblings and/or parents who are currently enrolled in college, financial concerns your family has encountered, and any personal information that might help the selection committee with their decision.

Send completed applications and transcripts to:

Arkansas Tech University Alumni House ATTN: Alumni Scholarship Committee 1313 N. Arkansas Ave. Russellville, AR 72801

Questions about the Arkansas Tech University Alumni Scholarship should be directed to the Alumni Office, (479) 968-0242 or alumni@atu.edu

### **Athletic Scholarships**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

### Col. Alton F. Balkman Athletic Scholarship

This partial-tuition scholarship will be awarded to a student from Arkansas who is either a current member of the Tech basketball or football team or a former member in the last semester or year of his or her undergraduate degree program. The student must demonstrate potential for service to country such as was exemplified by Colonel Alton F. Balkman. Applicants must have at least a "C" average and must submit a letter of application and two letters of recommendation from Athletic Department faculty. Financial need will be a consideration when making this award. This scholarship is renewable provided funds are available; the student receives the recommendation of the Athletic Department and continues to meet the scholarship criteria.

### **Deward and Anne Dopson Scholarship**

A scholarship awarded from funds contributed by Coach Dopson's former players, managers, and friends. The scholarship goes to a former student-athlete who has no further athletic eligibility remaining but has a semester or year remaining to finish his or her undergraduate degree. Past service to Tech will be a strong factor for selection.

### Hindsman Athletic Scholarship

<sup>\*</sup> Applications will be accepted February 1st and must be postmarked by March 15th.

This scholarship will be awarded each year that funds are sufficient to a member of the Tech Men's Basketball team. The recipient must be a full-time student with demonstrated financial need. This award is renewable for the spring semester as long as the recipient continues to meet the criteria and successfully completes a full-time course load in the fall semester.

#### Wilson Matthews Distinguished Scholar Athlete Fund

Established in recognition of Mr. Wilson Matthews, a distinguished graduate of Arkansas Tech University, this scholarship will be awarded to students who participate in team sports. These scholarships are renewable annually based on the student-athlete's academic and athletic standing and with continued recommendation of the nominating coach and selection by the Matthews Scholarship Committee. Criteria for receiving this scholarship are: nomination by a coach; junior standing or above; GPA of 3.0; preferably from a rural area; and exemplary credentials in academics, athletics, and leadership skills in school or community. Selected students must submit a resume and three letters of reference representing the areas of academics, athletics and leadership. Consideration will be given for additional financial assistance being received and to those students who meet the criteria with an emphasis on football.

#### Tate C. "Piney" Page Memorial Athletic Scholarship

An endowed scholarship to assist a graduate assistant who excelled in football and academics has been established in memory of Dr. Page through contributions by the Russellville Kiwanis Club.

#### Lambert Resimont Scholarship

This endowed athletic scholarship to be awarded annually to a graduate assistant who excelled in basketball and academics.

#### John E. Tucker Scholarship

An endowed athletic scholarship awarded to a graduate assistant who excelled in football and athletics.

## Junior Auxiliary of Russellville Scholarship

The following scholarships have been established through the Arkansas Tech University Foundation to benefit students attending Arkansas Tech University. Applications will be available for pick-up in the Office of Development, Administration Building room 209, the middle of February. A separate application must be completed for each scholarship for which you would like to be considered. Only the Junior Auxiliary of Russellville Scholarship Application will be considered. The application must be submitted to the address on the application.

### Junior Auxiliary of Russellville Book Scholarship

An award to defray the cost of books will be made to a Russellville high school graduate each year that funds are sufficient. The student must be currently enrolled at Arkansas Tech University.

## Junior Auxiliary of Russellville Education Scholarship

An award will be made each year that funds are available to an Arkansas Tech student majoring in Education and have junior or senior status. Applicants must have a cumulative grade point average of 3.0 or higher and demonstrate financial need.

#### Junior Auxiliary of Russellville Judy Thacker

This scholarship is open to any major at any level in their undergraduate career that has a minimum cumulative grade point average of 2.75. Preference will be given to a non-traditional student. Awards will be made each year that funds are sufficient.

### Junior Auxiliary of Russellville Marge Crabaugh

An award will be granted each year that funds are available to a student majoring in a field pertaining to "Child Welfare." Applicants must have a cumulative grade point average of 3.0 or higher, be a Russellville or Pope County resident with junior or senior status.

## Junior Auxiliary of Russellville Nursing Award

This fund has been established to provide a scholarship each year that funds are available to an Arkansas Tech University Nursing student in their junior or senior year of study. Applicants must have a cumulative grade point average of 3.0 or higher.

#### **Graduate College**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 72801 (479) 968-0400

## Arkansas Fly Fishers Club Scholarship

This scholarship was established by the Arkansas Fly Fishers Club to benefit a graduate student majoring in Fisheries and Wildlife Science. The applicant must be a full-time student, maintain a minimum cumulative grade point average of 3.0, demonstrate financial need. Student must be an Arkansas

resident or a resident of a state bordering Arkansas. Application must be submitted along with a short essay stating why he/she needs a scholarship and setting out career goals. Undergraduate students may apply, but preference will be given to graduate students.

#### Jimmie Hartman Hoover Memorial Scholarship

This endowed scholarship was created for the purpose of assisting graduate students at Arkansas Tech University and will be awarded each year that funds are sufficient. The applicant must be a full-time graduate student who is enrolled in 6 semester credit hours in the Instructional Technology degree program and have a cumulative grade point average of 3.0 or higher. Preference will be given to students who have an interest in library science. In addition, financial need may be considered.

#### Neal and Melissa Jenkins Graduate History Scholarship

Through a gift by Dr. Ellen J. Jenkins, the above named scholarship in memory of Neal and Melissa Jenkins has been established to provide scholarships for students accepted to the Arkansas Tech University Graduate Program. The recipient must be a graduate student in History, be enrolled in a minimum of six credit hours in History, academic achievement and need will be a consideration in selecting the recipient. Submit two letters of recommendation and an applicant letter detailing need and career goals. Preference will be given to a first year graduate student. The scholarship will be awarded each year that funds are sufficient and may be renewed for the succeeding spring semester provided the recipient completed the six-hour course load in the fall semester with a 3.0 grade point average and enrolls in six credit hours of graduate History courses in the spring semester. In the event a qualified first-year student has not applied, a third-semester or higher applicant may be selected on a one-semester basis for the fall or spring. Recipients are not eligible to re-apply in subsequent semesters or years.

## **Ed Leachman Emergency Management Scholarship**

Through the generosity of Roy and Sandy Smith, this scholarship was established to honor Mr. Ed Leachman, former assistant professor of Emergency Management. The recipient of this award must be an undergraduate or graduate student at Arkansas Tech University pursuing a degree within the Department of Emergency Management. The recipient must be active in the International Association of Emergency Managers and demonstrate financial need. Applicants must submit a statement as to how the scholarship will help him/her reach career goals.

#### **Rexann Oller International Students Scholarship**

The Rexann Oller International Students Scholarship will be awarded each year to an international student who shows academic achievement in international affairs and/or strong background and interest in international relations. This scholarship is open to all Arkansas Tech International undergraduate and graduate students who have a minimum GPA of 3.0. Preference will be given to students with demonstrated financial need. Recipients of other tuition scholarships are not eligible to apply. Please contact the office of ATU International Student Services and the Dean of Graduate Studies or full application requirements.

#### John Rollow Memorial Fund

Established as a tribute to John Rollow to assist non-traditional students in English and Creative Writing with tuition expenses, this scholarship is open to any non-traditional undergraduate or graduate student with demonstrated financial need and a cumulative grade point average of 2.5 or higher.

## College of Business - Multi-Department Scholarships

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### 1 .M. and Ruby Cook Business Scholarship

An endowed scholarship will be awarded annually to a business major.

## Dr. Robert R. Edwards Book Scholarship

Several book scholarships are awarded each year to full-time senior students pursuing any of the business and economics majors. The scholarships, presented in recognition of outstanding academic achievement, are funded by contributions from the Business and Economics Department faculty.

#### **Billy Free Scholarship**

An annual scholarship will be awarded as funds are sufficient to a student who has declared a major in one of the fields in the College of Business.

#### **Betty Jo Gober Memorial Scholarship**

Through the generosity of Keith Gober, this scholarship has been established to provide scholarships for students in the College of Business. A scholarship recipient will be selected each fall and each spring semester that funds are available based on the following criteria: be an Arkansas resident, preference will be given to students from the Redfield and Waldron school districts, enrolled in 15 credit hours or more, be a traditional student of freshman, sophomore, junior, or senior classification and pursuing a Bachelor of Science in Business Administration degree (major in accounting, economics and finance, or management and marketing). An entering freshman must have an ACT score of 21 or higher (or SAT score of 500 or higher) and a 3.5 or higher grade point average. Attach to the application at least one letter of recommendation from a non-sports related teacher/counselor who is not a relative. A sophomore or higher classification must have a 3.25 or higher grade point, attach a letter of application that expresses need, goals and a letter of recommendation from a College of Business professor or work-related supervisor. Demonstrated financial need will be a consideration.

Applicants who have full scholarship(s) paying tuition, fees, room and board will not be considered. This scholarship is for one semester only and recipients are not eligible to apply in subsequent semesters.

#### Leenita Sue Gober Memorial Scholarship

Through the generosity of Keith Gober, this scholarship has been established to provide scholarships for students in the College of Business. A scholarship recipient will be selected each fall and each spring semester that funds are available based on the following criteria: be an Arkansas resident, preference will be given to students from the Redfield, White Hall, and Waldron school districts, be enrolled in 15 credit hours or more, be a traditional or non-traditional student of freshman, sophomore, junior, or senior classification and pursuing a Bachelor of Science in Business Administration degree (major in accounting, economics and finance, or management and marketing). An entering freshman must have an ACT score of 21 or higher (or SAT score of 500 or higher) and a 3.5 or higher grade point average. Attach to the application at least one letter of recommendation from a non-sports related teacher/counselor who is not a relative. A sophomore or higher classification must have a 3.25 or higher grade point, attach a letter of application that expresses need, goals and a letter of recommendation from a College of Business professor or work-related supervisor. Demonstrated financial need will be a consideration. Applicants who have full scholarship(s) paying tuition, fees, room and board will not be considered. This scholarship is for one semester only and recipients are not eligible to apply in subsequent semesters.

### Jasper Vernon Howard Scholarship

An endowed scholarship in memory of Jasper Vernon Howard will be awarded annually to a student in the College of Business. The recipient must demonstrate a financial need and must meet and maintain satisfactory scholastic requirements.

#### **International Business Experience Scholarship**

This scholarship will be awarded each year that funds are sufficient to students who demonstrate a financial need and are committed to/or are enrolled in an International Business Experience course.

#### **Bert and Annette Mullens Scholarship**

This partial-tuition scholarship is awarded each year that funds are sufficient to an incoming freshman majoring in business. Preference is given to a Pope County resident. Award is based on GPA, financial need and test scores.

#### **Regions Bank Scholarship**

This scholarship will be awarded each year that funds are sufficient to a junior or senior level student majoring in a degree program within the College of Business, enrolled in a 15 credit hour or more course load, with a cumulative grade point average of 3.0 and demonstrated financial need. This scholarship can be renewed for up to three consecutive semesters provided the recipient enrolls in and successfully completes a 15 credit hour course load each semester and maintains a 3.0 grade point average.

## **Simmons First Bank Annual Scholarship**

Awarded each semester that funds are sufficient, this scholarship is designated for a student who is presently residing in Pope or a surrounding county, has demonstrated financial need, maintains a cumulative GPA of 3.0 or higher, is a junior or senior enrolled as a full-time student in a major directly related to banking: Finance, Market Management, Economics or Accounting and is not employed by a competing financial institution. The scholarship is not automatically renewable each semester. The student may reapply for subsequent semesters.

#### LeMoyne and Selma Smith Research Scholarship

This scholarship was established to benefit a student majoring in a degree program within the College of Business. The student must be a junior or senior enrolled in a minimum of 12 credit hours, maintain a minimum cumulative grade point average of 3.0 and demonstrate financial need. The recipient must also demonstrate the ability to conduct research in the prescribed area. The research needs of the College of Business will be a guiding factor in the selection of the recipient, and the recipient will be mentored by the appropriate faculty member within the College while participating in research during the semester of the award.

#### SMEI – Arkansas Top Manager Scholarship

Through the generosity of the Board of Directors of the Sales and Marketing Executives International Arkansas (SMEI Arkansas), this scholarship has been established to provide a scholarship for students seeking a degree in management and marketing. The recipient must have the goal of pursuing a career in sales and marketing, have demonstrated financial need, have a minimum cumulative grade point average of 3.0, and participate in extracurricular activities at Arkansas Tech. The recipient may be enrolled as a full-time or part-time student (minimum of 6 credit hours) and have completed at least two semesters at Arkansas Tech University. This scholarship will be awarded during the fall semester and is not renewable.

## **Department of Accounting and Economics**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### **Accounting Scholarships**

Several fee and book scholarships are awarded each year to accounting majors. The scholarships are provided by contributions made to the Accounting Club by alumni of the Accounting Department. The recipient selection is based on need and potential in the accounting profession.

## Virginia Bachman Textbook Scholarship

This scholarship will be awarded each fall semester and is renewable for the succeeding spring semester as long as the recipient continues to meet the criteria and successfully completes the fall course load. Recipient selection will be a junior or senior Accounting major who is enrolled in a minimum of six semester credit hours and has a 2.0 or higher GPA. Financial need will be a consideration

### **Dale Corley Memorial Scholarship**

Friends and former students have established an endowed scholarship fund to commemorate the many years of service the late Mr. Corley rendered as professor and chairman of the Department of Accounting. An annual award is made to a senior accounting major.

#### **Burl Harris Memorial Scholarship**

Mr. and Mrs. John G. Harris have established this scholarship in honor of Burl Harris, a long-time practicing Public Accountant and businessman in Russellville. During most of his life, he was actively involved in industrial development efforts for the Russellville area. Mr. Harris served on the Arkansas Tech University Foundation Board of Directors until his death in 1990. He was a dedicated supporter of the University as a whole and of the Department of Accounting in particular. This scholarship will be awarded each year that funds are available to a junior- or senior-level accounting major enrolled in a minimum of 6 or more credit hours.

#### **Jackie Knight Memorial Scholarships**

A scholarship awarded annually to an outstanding and deserving senior-to-be majoring in accounting. Grade point and financial need will be considered in making the selection. This scholarship was established by the family and friends of Jackie Knight, former Vice President for Administration and Finance at Arkansas Tech University.

### Charles D. and Edna B. Labahn Scholarship

This tuition, fees, and book scholarship will be awarded each year that funds are sufficient. Applicants should be an incoming freshman who has graduated from an Arkansas High School with a "B" grade point average or higher. Applicants must have demonstrated financial need, have declared a major in Accounting, pre-med, or Recreation and Parks Administration, and have full-time student status. Submit two letters of recommendation from high school teachers and/or counselors with the application. This scholarship is renewable for up to seven consecutive semesters, provided the recipient continues to maintain a 2.5 or higher cumulative grade point average, maintains full-time student status, and specifically requests such renewal.

### Ross Pendergraft Scholarship

Four renewable partial-tuition scholarships are to be awarded to full-time undergraduate students who have demonstrated financial need and are majoring in computer science, accounting, or business/economics/finance-one from computer science, one from business and two from accounting. Each scholarship will be renewable with the original recipient provided he or she has a GPA of not less than 2.5 for the fall semester and a cumulative GPA of at least 3.0 at the end of each spring semester.

## **Department of Management and Marketing**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

## Ross Pendergraft Scholarship

Four renewable partial-tuition scholarships are to be awarded to full-time undergraduate students who have demonstrated financial need and are majoring in computer science, accounting, or business/economics/finance-one from computer science, one from business and two from accounting. Each scholarship will be renewable with the original recipient provided he or she has a GPA of not less than 2.5 for the fall semester and a cumulative GPA of at least 3.0 at the end of each spring semester.

### **Department of Agriculture**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### Jack and Ida Ruth Jones Agriculture Scholarship

Through the generosity of family and friends, the Jack and Ida Ruth Jones Agriculture Scholarship has been established to benefit Arkansas Tech students majoring in a program within the Agriculture Department. The recipient must be a junior or senior with a minimum cumulative grade point average of 2.5. The recipient must enroll in and complete a minimum of 15 credit hours per semester and demonstrate financial need. This scholarship may be renewed for up to three additional consecutive semesters provided the recipient enrolls in and successfully completes the required course load and maintains a minimum 2.5 cumulative grade point average.

#### Little Rock Grain Exchange Scholarship

To be considered for this scholarship, students must have declared a major in Agriculture or Agriculture Business. Freshmen students must rank in the upper half of their Arkansas high school graduation class and possess ACT or SAT test scores that exceed the state average. Additionally, applicants must have two or more positive recommendations from their high school principal, counselor or teachers. Sophomore students must have two or more positive recommendations from their university or college teacher and have a 3.0 cumulative grade point average. Financial need will be considered although not determinative. Scholarships are renewable each semester up to a total of eight semesters assuming the student takes a full academic load of 15 hours per semester and maintains a minimum cumulative grade point average of 3.0 or higher.

#### Don C. Guess 4-H Scholarship

An endowed scholarship awarded each year that funds are sufficient. Preference will be given to entering freshman who is an active member of 4-H in either Pope or Yell County, has exhibited at the Pope or Yell County Fair, has a cumulative high school grade point average of 2.75 or higher and is planning to pursue an Agriculture or Agriculture-Business degree.

#### **Xzin McNeal Scholarship**

Scholarships are awarded annually to students in the Department of Agriculture. Recipients are selected based on demonstrated financial need and academic merit. Student must maintain a 2.5 grade point average.

#### John & Joie Nutt Scholarship

This two-semester scholarship has been established to benefit students who are enrolled in either Agriculture or Agriculture Business at Arkansas Tech University. To be considered for this scholarship, students must be a sophomore, junior or senior and have a minimum cumulative grade point average of 2.75. To remain eligible to receive this award for the second semester, students need to complete 12 credit hours and have a minimum cumulative grade point average of 2.75. Scholarship recipients from one year will be eligible to re-apply for subsequent years; however, all applications will be considered equally for each award year.

### James and Geneva Pledger Agriculture Scholarship

Through the generosity of Jim and Geneva Pledger, the above named scholarship has been established to provide scholarships for Arkansas Tech students. One \$500 scholarship will be granted each year funds are available. The recipient must be a junior or senior in good standing, have declared a major within the Department of Agriculture, and have demonstrated financial need. Renewable for spring only and recipient may re-apply for subsequent years. Application should be directed to the head of the Agriculture Department.

## Pope County Cattlewomen's

A \$500 one-semester scholarship will be granted each fall that funds are available. The recipient must be a freshman or sophomore level student with a GPA of 2.5 or higher, full-time student enrolled in at least 12 semester credit hours, and have demonstrated financial need. Preference will be given to a Pope County resident. Recipient must be enrolled in a minimum of one course in the department of agriculture or be pursuing a degree in preveterinary science or biology. Preference will also be given to students who themselves or their parents or grandparents are members of the Pope County Cattlemen's Association (submit copy of receipt or letter, if applicable). Applicant must submit one educational and one personal letter of recommendation, and a letter of application that expresses the student's need and goals, specifically career goals as they relate to agriculture.

#### **Pope County Farm Bureau**

Two \$500 scholarships will be awarded each fall semester that funds are available to Pope County students majoring in a degree program within the Department of Agriculture or Department of Nursing. Preference will be given to students whose parents or grandparents are members of Pope County Farm Bureau. Recipients will be full-time students, with sophomore classification or higher, and a cumulative grade point average of 2.5 or higher. The scholarship is renewable for the spring semester if the student maintains a 2.5 grade point average and successfully completes a 12 credit hour course load during the fall semester. The recipient is eligible to reapply in subsequent years.

## **Pope County Master Gardeners Scholarship**

Established by the members of the Pope County Master Gardeners, this scholarship will benefit a full-time junior or senior student majoring in Agriculture Business - Plant Science/Horticulture Option. Recipient will have a minimum cumulative grade point average of 2.5 and will demonstrate financial need. This scholarship is not automatically renewable for the next semester, but preference will be given to the recipient should he/she reapply. Recipients may not receive the scholarship for more than four semesters.

#### Melvern Watson Scholarship

Awards will be made each year that funds are available. This scholarship will be awarded to a student majoring in Agriculture or Agriculture Business with preference given to current or transfer students, especially those who have achieved junior status. Financial need will be a consideration and students who receive the scholarship may re-apply for the scholarship for subsequent years.

#### **Department of Computer and Information Science**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### **Arkansas Academy of Computing Scholarship**

The Arkansas Academy of Computing is an organization that promotes and furthers the development of computing education in the state of Arkansas. This scholarship is provided each year that funds are available to a freshman or sophomore student who is pursuing a major within the Department of Computer and Information Science.

#### **Laura Ferguson Computer Science Scholarship**

This endowed scholarship was established by Laura Ferguson, Arkansas Tech University class of 1934, who worked in the computer industry for the majority of her career. This scholarship is for an upper level student enrolled in a Bachelor of Science program in Computer and Information Science with preference given to residents of Pope County.

## Lloyd D. McDaniel Engineering or Computer & Information Science Scholarship

Scholarship awards will be granted each year that funds are sufficient to any level student who has declared a major in Engineering or Computer and Information Science, has a grade point average of 3.0 or higher, has demonstrated financial need, and submits the private scholarship application in writing. To be eligible for this scholarship, students must be enrolled in the appropriate classes and be under the direction of an Engineering or Computer and Information Science advisor for the semester of the award. Awards may be renewed until graduation if the student maintains a cumulative grade point average of 3.0 or higher, remains a major in Engineering or the Computer and Information Science program and is making satisfactory progress toward an Engineering or Computer and Information Science degree.

#### Ross Pendergraft Scholarship

Four renewable partial-tuition scholarships are to be awarded to full-time undergraduate students who have demonstrated financial need and are majoring in computer science, accounting and economics, management and marketing-one from computer science, one from management and marketing and two from accounting and economics. Each scholarship will be renewable with the original recipient provided he or she has a GPA of not less than 2.5 for the fall semester and a cumulative GPA of at least 3.0 at the end of each spring semester.

#### **Department of Emergency Management**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### **Ed Leachman Emergency Management Scholarship**

Through the generosity of Roy and Sandy Smith, this scholarship was established to honor Mr. Ed Leachman, former assistant professor of Emergency Management. The recipient of this award must be an undergraduate or graduate student at Arkansas Tech University pursuing a degree within the Department of Emergency Management. The recipient must be active in the International Association of Emergency Managers and demonstrate financial need. Applicants must submit a statement as to how the scholarship will help him/her reach career goals.

#### James L. Witt Scholarship

This scholarship was established for the purpose of providing scholarships for students attending Arkansas Tech University majoring in Emergency Management. Scholarships and awards will be granted each year that funds are sufficient, with preference given to students who have a minimum of 24 college hours, maintains a minimum class load of 6 hours per semester, and a cumulative 3.0 grade point average.

#### James L. Witt Scholarship

This scholarship was established for the purpose of providing scholarships for students attending Arkansas Tech University majoring in Emergency Management. Scholarships and awards will be granted each year that funds are sufficient, with preference given to students who have a minimum of 24 college hours, maintains a minimum class load of 6 hours per semester, and a cumulative 3.0 grade point average.

#### Dr. Richard Inde Emergency Management Communications Scholarship

This scholarship, established by friends and family in memory of Dr. Richard Ihde, will be made each year that funds are available to a full-time graduate or undergraduate student majoring in Emergency Management. Consideration will be given to students who are in good academic standing, demonstrates financial need, and submits a 500-word (minimum) essay on the topic of the importance of communication in emergency management. The award is for one semester and may be renewed for the subsequent semester if the recipient remains a full-time student in good academic standing.

## **Department of Engineering**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### Col. Carl Baswell Engineering Scholarship

To be considered for this scholarship, applicants must have successfully completed the pre-professional curriculum as outlined in the Arkansas Tech University catalog, reached the junior or senior level, declared a major in Engineering, earned a cumulative grade point average of 3.0 or higher, demonstrated financial need and be a resident of Arkansas.

#### **Sybil W. Bates Engineering Scholarship**

To be eligible for this scholarship, a student must be an incoming freshman majoring in Engineering, have an ACT composite score of 26 or higher and a 3.5 or higher grade point average in core classes from high school. This scholarship is for the freshman year only and is not renewable for subsequent years.

#### A.C. Brown III Engineering Scholarship

This scholarship, established in memory of A.C. Brown III by his friends, will be awarded to a full-time junior or senior majoring in mechanical or electrical engineering. The recipient must have a minimum cumulative 3.25 grade point average and demonstrate financial need. Campus and/or community involvement will be a component for consideration. The scholarship is renewable for the spring semester provided the recipient continues to meet the above criteria.

#### Jack L. King Scholarship

This partial-tuition scholarship will be awarded each semester that funds are available. To be eligible for this scholarship the student must be a graduate of Western Yell County High School, have an ACT composite score of 19 or above and an ACT Math and Science score of 22 or above, have declared a major in Engineering, Math, Science or a related field at Arkansas Tech University.

### **Majors Family Engineering Scholarship**

This partial tuition scholarship will be made to an engineering major at the junior or senior level. Recipients can be either continuing or transfer students. To be eligible for this scholarship, a student must have successfully completed the pre-professional curriculum as outlined in the Arkansas Tech University catalog, must have an overall GPA of 2.75 or greater, must be declared as a major within the engineering department and enroll in the appropriate classes with an engineering advisor for the semester of the award. Awards may be renewed for one additional semester if the student maintains a 2.75 overall grade point average, remains a major in the engineering program and is making satisfactory progress toward an engineering degree.

## Lloyd D. McDaniel Engineering or Computer & Information Science Scholarship

Scholarship awards will be granted each year that funds are sufficient to any level student who has declared a major in Engineering or Computer and Information Science, has a grade point average of 3.0 or higher, has demonstrated financial need, and submits the private scholarship application in writing. To be eligible for this scholarship, students must be enrolled in the appropriate classes and be under the direction of an Engineering or Computer and Information Science advisor for the semester of the award. Awards may be renewed until graduation if the student maintains a cumulative grade point average of 3.0 or higher, remains a major in Engineering or the Computer and Information Science program and is making satisfactory progress toward an Engineering or Computer and Information Science degree.

#### David Harlan McMillan Memorial Scholarship

This scholarship will be awarded each year that funds are sufficient with preference given to an Arkansas resident at the junior or senior level who is majoring in electrical or mechanical engineering, has a cumulative grade point average of 3.0 or higher and is enrolled in a 15 hour or more course load. The scholarship may be renewed for up to three consecutive semesters provided the recipient enrolls in and successfully completes a 15 hour course load each semester and maintains a cumulative 3.0 or higher grade point average.

## James E. and Martha S. Newton Engineering Scholarship

Scholarships will be granted each fall that funds are sufficient in accordance with the following criteria: the recipient must be a Pope County resident, junior or senior level student, major in engineering, be a full-time student enrolled in a minimum of 15 semester credit hours, and have a cumulative 3.0 or higher grade point average. Financial need will be considered. The scholarship may be renewed for the spring semester provided the recipient continues to meet the scholarship criteria and funds are sufficient. Scholarship recipients from one year will be eligible to reapply for subsequent years.

## Glori Ann Perkins Scholarship

The awarding of this scholarship will alternate between art/art education and engineering majors. The applicant must be a junior level student, enrolled in 15 semester hours or more, maintain a cumulative 3.2 or higher grade point average, have demonstrated financial need, and be a student legally present in the United States. This scholarship may be renewed three additional consecutive semesters provided the recipient enrolls in and successfully completes a 15 hour course load each semester, maintains a cumulative 3.2 grade point average, and is on track to graduate by the end of the fourth semester.

#### Ann and Gill Richards Engineering Scholarship

This scholarship is awarded annually to an excellent engineering student.

## Department of Parks, Recreation, & Hospitality Administration

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

## **Hospitality Administration**

#### Bird's Hospitality Inn, Inc. / Huie Bird Memorial Scholarship

This scholarship was established in memory of Huie Bird and will be awarded each year funds are sufficient. Applicants must be a citizen or permanent resident of the United States and a resident of Conway, Johnson, Logan, Perry, Pope or Yell County. The applicant must have a minimum cumulative grade point average of 2.5, and be enrolled or enrolling in the next semester in RP 4116 Internship or HA 4116 Internship to be eligible. A minimum of 2 letters of recommendation from professionals in the hospitality industry should be included with the application, as well as an official college transcript.

#### **Chartwells Hospitality Scholarship**

To be considered for this scholarship, applicants must be a full-time, Hospitality major. Students must have successfully completed 30 credit hours with a cumulative grade point average of 2.75 or higher and have an interest in food service. A letter of recommendation from a faculty member or industry representative, a one page biography or resume, an unofficial transcript, and a letter detailing their candidacy and qualifications as they relate to this scholarship should be submitted by students wishing to be considered for this scholarship.

## Feltner Kirkpatrick Scholarship

This scholarship will be awarded each year that funds are sufficient to a student who is pursuing a course of study that has ties to the food service or hospitality industry, have a minimum cumulative grade point average of 3.0 or higher and have a minimum ACT score of 20 or higher.

#### Renee Walters/Julia Williams Memorial Scholarship

Recipients will be selected each year that funds are sufficient. Preference will be given to students who have declared a major in Hospitality Administration, are currently enrolled in HA 4116, have successfully completed HA 4001, and have maintained a cumulative grade point average of 2.5 or higher. Students wishing to be considered must submit a letter of recommendation from a professional contact currently working in the field of Hospitality Administration and a letter of application of at least one page in length outlining their candidacy and qualifications as they relate to this scholarship.

#### **Recreation and Parks**

#### Bird's Hospitality Inn, Inc. / Huie Bird Memorial Scholarship

This scholarship was established in memory of Huie Bird and will be awarded each year funds are sufficient. Applicants must be a citizen or permanent resident of the United States and a resident of Conway, Johnson, Logan, Perry, Pope or Yell County. The applicant must be enrolled or enrolling in the next semester in RP 4116 Internship or HA 4116 Internship to be eligible. A minimum of 2 letters of recommendation from professionals in the hospitality industry should be included with the application, as well as an official college transcript.

## Belinda Byrns Scholarship

This annual scholarship was established in memory of Belinda Byrns and will be awarded each year funds are sufficient. Applicants must be a full-time Recreation and Parks major, have a cumulative grade point average of 2.75 or higher, submit a resume and an applicant letter explaining why he or she deserves the scholarship, educational and professional goals, and summarize professional experience. One letter of recommendation from a professional in the Recreation and Parks profession who is not a full-time or adjunct ATU Recreation and Parks faculty member is also required. Recipient must reapply each year for the scholarship.

### Charles D. and Edna B. Labahn Scholarship

This tuition, fees, and book scholarship will be awarded each year that funds are sufficient. Applicants should be an incoming freshman who has graduated from an Arkansas High School with a "B" grade point average or higher. Applicants must have demonstrated financial need, have declared a major in Accounting, pre-med, or Recreation and Parks Administration, and have full-time student status. Submit two letters of recommendation from high school teachers and/or counselors with the application. This scholarship is renewable for up to seven consecutive semesters, provided the recipient continues to maintain a 2.5 or higher cumulative grade point average, maintains full-time student status, and specifically requests such renewal.

## TAKAHIK / Gary Hodges Memorial Scholarship

This scholarship was established by the TAKAHIK hiking club in memory of Gary Hodges and will be awarded each year funds are available. Applicants must be a full-time junior or senior majoring in Recreation and Park Administration. Applicants must have a minimum 3.0 grade point average and demonstrate financial need. This scholarship is for one academic year and is not renewable for the subsequent year.

#### Yell County Wildlife Federation Scholarship

A \$500 scholarship award will be granted each spring that funds are available. The recipient will be a second-semester freshman or higher in classification with a 2.5 or higher cumulative grade point average, majoring in Fisheries and Wildlife or Parks and Recreation and demonstrated financial need.

Recipient selection in order of preference will be: (1) a Fisheries and Wildlife major from Yell County, (2) a Parks and Recreation major from Yell County, (3) any qualified Fisheries and Wildlife major, (4) any qualified Parks and Recreation major. If no qualified student is identified from the specific preference categories listed above, the scholarship funds will be carried forward to the following year. The recipient must attend the January Federation meeting to have a picture made receiving the scholarship.

## **College of Education**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### J.L. Adkins and Cora E. Adkins Scholarship

Established at the bequest of J.L. and Cora E. Adkins, annual scholarship awards are made to students pursuing a degree in Education or Fine Arts. While preference will be given to Arkansas Tech students from the Missouri counties of Dunklin, Stoddard or New Madrid, any Education or Fine Arts major is eligible to apply. Awards will be made each year that funds are sufficient.

#### Arthur P. and Daisy W. Callaway Scholarship

This scholarship, established by Dr. Rebecca Callaway in honor of her parents, Arthur P. and Daisy W. Callaway, is to benefit a traditional undergraduate student who graduated from an Arkansas high school. Preference will be given to a first generation college student. The recipient must be a senior classification student seeking teacher certification in middle or secondary education and is completing his/her internship with the semester of the award. Recipient must demonstrate financial need, have a minimum cumulative grade point average of 3.0, and submit two letters of recommendation from professionals within the student's major content area.

### 1 .Louis and Florence C. Cooper Scholarship

This scholarship was established by educators J. Louis and Florence C. Cooper for needy and deserving individuals with priority being given to students in teacher education. To be eligible for this award, the student must have reached the junior or senior level, have a cumulative grade point average of 3.0 or higher, demonstrated financial need and enroll in and successfully complete a minimum of 15 credit hours per semester.

### **Denton-Wainright Endowed Scholarship**

This scholarship was established by Cheryl Denton in memory of Dr. John Wainright and Joan Wainright in recognition of the difference they made in the lives of Tech students through their support and guidance. Joan Wainright was on the music faculty from 1955 to 1982. Dr. John Wainright, at Tech from 1952-1981, was on the faculty in music and education. He was named Dean of Education in 1970 and served in that capacity until 1981. Scholarships and awards will be granted each fall that funds are sufficient in accordance with the following criteria: The recipient must be a junior or senior majoring in music education with the intent to teach elementary music or education: preference order (1) music education keyboard instrumental (2) music education-keyboard vocal (3) music education-vocal (4) English education or (5) education. In addition the recipient must maintain full-time student status, and have demonstrated financial need. The scholarship may be renewed for the spring semester provided the recipient continues to meet the scholarship criteria and funds are sufficient. Scholarship recipients from one year will be eligible to reapply for subsequent years.

## Junior Auxiliary of Russellville Education Scholarship

An award will be made each year that funds are available to an Arkansas Tech student majoring in Education and have junior or senior status. Applicants must have a cumulative grade point average of 3.0 or higher and demonstrate financial need. Applications will be available for pick-up in the Office of Development, Administration Building room 209, the middle of February. A separate application must be completed for each scholarship for which you would like to be considered. Only the Junior Auxiliary of Russellville Scholarship Application will be considered. The application must be submitted to the address on the application.

## Junior Auxiliary of Russellville Marge Crabaugh

An award will be granted each year that funds are available to a student majoring in a field pertaining to "Child Welfare." Applicants must have a cumulative grade point average of 3.0 or higher, be a Russellville or Pope County resident with junior or senior status. Applications will be available for pick-up in the Office of Development, Administration Building room 209, the middle of February. A separate application must be completed for each scholarship for which you would like to be considered. Only the Junior Auxiliary of Russellville Scholarship Application will be considered. The application must be submitted to the address on the application.

## John Paul Leonard Memorial Scholarship

This scholarship will be awarded each fall that funds are sufficient. Preference will be given to a female student who is from Russellville, Arkansas, has reached junior or senior status in her undergraduate career, has demonstrated financial need, has declared a major in and is planning to pursue a career in teaching children with special educational needs, maintains a cumulative grade point average of 3.0 or higher, enrolls in and successfully completes a full-time academic class load. In addition, this scholarship is renewable for the spring if the recipient continues to meet the stated criteria.

## College of Natural and Health Sciences - Multi-Department Scholarships

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

## **Dr. Robert Autry Brooks Scholarship**

Through the generosity of Dr. Robert Autry Brooks, scholarships will be granted each fall semester that funds are sufficient. Preference will be given to a traditional incoming freshman who is an Arkansas resident majoring in one of the Arts or Sciences (including, but not limited to English, Literature, Mathematics, and Chemistry). The recipient must have a high school cumulative grade point average of 3.0 or higher, maintain full-time student status and have demonstrated financial need. The scholarship may be renewable with the original recipient for three additional years if the recipient continues to remain in good academic standing, is making academic progress, and enrolls in and successfully completes a full-time academic course load.

#### **Reuben Dee Caudle Scholarship**

A partial-tuition scholarship will be provided for a student majoring in one of the physical science fields. The recipient must demonstrate a financial need, must meet and maintain satisfactory scholastic requirements. Preference will be given to Arkansas residents and those who have prior military service. This scholarship is to be re-awarded to the initial freshman recipient each of his/her subsequent three years while at Tech provided he/she continues to major in Physical Sciences and maintains good academic standing. Awards will be made each fall semester that funds are sufficient.

#### First United Methodist Church Scholarship

An endowed scholarship has been established by the First United Methodist Church in Russellville to assist Methodist students who are nursing, medical assistant, health information management, or medical technology majors at Arkansas Tech. Students majoring in nursing will receive first consideration. Students should be recommended by their home church pastor.

#### Vann Kerns Memorial Scholarship

This scholarship will be awarded each year that funds are sufficient. Preference will be given to students pursuing a degree in physics, mathematics, or a pre-medical school course of study. To be considered for this award, students must have a cumulative grade point average of 3.0 or higher, have demonstrated financial need and enroll in and successfully complete a minimum of fifteen hours each semester.

#### Jack L. King Scholarship

This partial-tuition scholarship will be awarded each semester that funds are available. To be eligible for this scholarship the student must be a graduate of Western Yell County High School, have an ACT composite score of 19 or above and an ACT Math and Science score of 22 or above, have declared a major in Engineering, Math, Science or a related field at Arkansas Tech University.

## **Truman McEver Memorial Scholarship**

Recipient must be an entering freshman who is majoring in the Department of Physical and Life Sciences. Academic ability and financial need are considered.

## **Professor Tom Palko Scholarship**

A partial tuition scholarship established in honor of Mr. Palko, Emeritus Professor of Allied Health Science, will be awarded each year that funds are available. Selection will be based on an ACT composite score of 21 or above, sophomore class standing, a minimum college-level grade point average of 2.75, a declared major in the College of Physical and Life Sciences with preference being given to Medical Assisting or Medical Technology majors, and demonstrated financial need.

#### **Pope County Farm Bureau**

Two \$500 scholarships will be awarded each fall semester that funds are available to Pope County students majoring in a degree program within the Department of Agriculture or Department of Nursing. Preference will be given to students whose parents or grandparents are members of Pope County Farm Bureau. Recipients will be full-time students, with sophomore classification or higher, and a cumulative grade point average of 2.5 or higher. The scholarship is renewable for the spring semester if the student maintains a 2.5 grade point average and successfully completes a 12 credit hour course load during the fall semester. The recipient is eligible to reapply in subsequent years.

#### **Louise Berkeley Turner Scholarship**

This partial-tuition scholarship will be awarded each fall semester that funds are available to a student majoring in math, science or a related field and may be renewed for one consecutive semester provided the recipient is making sufficient academic progress.

### Yell County Wildlife Federation Scholarship

A \$500 scholarship award will be granted each spring that funds are available. The recipient will be a second-semester freshman or higher in classification with a 2.5 or higher cumulative grade point average, majoring in Fisheries and Wildlife or Parks and Recreation and demonstrated financial need. Recipient selection in order of preference will be: (1) a Fisheries and Wildlife major from Yell County, (2) a Parks and Recreation major from Yell County, (3) any qualified Fisheries and Wildlife major, (4) any qualified Parks and Recreation major. If no qualified student is identified from the specific preference categories listed above, the scholarship funds will be carried forward to the following year. The recipient must attend the January Federation meeting to have a picture made receiving the scholarship.

## **Department of Biological Sciences**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

## **Biology**

## **Linda Douthit Memorial Scholarship**

Awards will be granted on an annual basis as funds are available. Recipients will be chosen based on the following criteria: freshmen who have declared a major in Biology and maintained a minimum high school cumulative grade point average of 2.75; sophomores, juniors or seniors who have declared a major in Biology and have a minimum cumulative grade point average of 2.75.

#### 1 .E. Hudson Scholarship

The applicant must be majoring in biology and enrolled in 12 semester credit hours if a first semester freshman or 15 semester credit hours if a second semester freshman or higher classification. An ACT composite score of 25 or above for freshmen, or an Arkansas Tech cumulative grade point average of 3.0 or higher for sophomores, juniors, or seniors. The applicant must have leadership potential demonstrated by extracurricular academic activities. Financial need will be considered. Preference will be given to graduates of Arkansas high schools. This scholarship may be renewed for one additional semester after the initial semester award if the student makes satisfactory academic progress by successfully completing 12 semester hours (first semester freshman) or 15 semester hours (second semester freshman or higher classification) with a grade point average of 3.0 or higher.

#### Vann Kerns Memorial Scholarship

This scholarship will be awarded each year that funds are sufficient. Preference will be given to students pursuing a degree in physics, mathematics, or a pre-medical school course of study. To be considered for this award, students must have a cumulative grade point average of 3.0 or higher, have demonstrated financial need and enroll in and successfully complete a minimum of fifteen hours each semester.

## Jack L. King Scholarship

This partial-tuition scholarship will be awarded each semester that funds are available. To be eligible for this scholarship the student must be a graduate of Western Yell County High School, have an ACT composite score of 19 or above and an ACT Math and Science score of 22 or above, have declared a major in Engineering, Math, Science or a related field at Arkansas Tech University. This scholarship may be renewable for up to seven additional semesters, assuming that the recipient maintains a minimum 2.5 GPA, continues in one of the required fields of study, and enrolls in and completes a minimum of 12 credit hours per semester.

#### Charles D. and Edna B. Labahn Scholarship

This tuition, fees, and book scholarship will be awarded each year that funds are sufficient. Applicants should be an incoming freshman who has graduated from an Arkansas High School with a "B" grade point average or higher. Applicants must have demonstrated financial need, have declared a major in Accounting, pre-med, or Recreation and Parks Administration, and have full-time student status. Submit two letters of recommendation from high school teachers and/or counselors with the application. This scholarship is renewable for up to seven consecutive semesters, provided the recipient continues to maintain a 2.5 or higher cumulative grade point average, maintains full-time student status, and specifically requests such renewal.

## Dwight M. Moore Scholarship

The scholarship was established by the late Dr. Moore, one-time head of the department, and by his wife Clemmie, a graduate of the department. Each spring, a book scholarship will be awarded to a student interested in and having potential in the field of botany.

#### 1.G. and Anita Owen Textbook Scholarship

A book scholarship awarded to a student with junior standing was initiated by B. G. Owen, Associate Professor of Biology. Following the expressed wishes of their daughter, friends may contribute funds to perpetuate this scholarship awarded according to criteria determined by the late Professor Owen. The applicant must have junior or senior status, a minimum 2.5 cumulative grade point average, demonstrate financial need, preference will be given to students planning to teach biology at the secondary level.

## Greg A. Parks Memorial Scholarship

A partial tuition scholarship will be granted each semester that funds are available to a junior or senior level student majoring in psychology or pre-med (biology or chemistry). Applicants must be enrolled in 15 credit hours or more, have a minimum cumulative 3.0 grade point average, and demonstrate financial need. The initial recipient shall be eligible to retain the scholarship for up to three additional consecutive semesters provided he/she enrolls in and successfully completes 15 credit hours and maintains a cumulative 3.0 grade point average.

### Doyle & Evelyn Sparks Scholarship

Scholarships will be awarded each year funds are sufficient to a student who has reached the junior or senior level in their undergraduate education, maintains a cumulative grade point average of 3.5 or higher, exhibits and has a record of campus involvement and/or community service and is from Pope, Yell, Conway or Johnson counties. Each recipient may be chosen to receive this award only once.

## Fisheries and Wildlife

## **Arkansas Fly Fishers Scholarship**

This scholarship, was established to provide scholarships for Arkansas Tech University students majoring in fisheries and wildlife science. Scholarships will be awarded each year that funds are sufficient to a full-time graduate or undergraduate student who is majoring in fisheries and wildlife science, maintains a minimum 3.0 cumulative GPA, demonstrates financial need, and is an Arkansas resident or resident of a state bordering Arkansas. Applicants must submit a short essay stating why he/she needs the scholarship and setting out career goals. Preference will be given to graduate students. This scholarship shall be awarded for one semester and is renewable for the subsequent semester as long as the recipient continues to meet the criteria.

#### Markey Butterworth Scholarship

An endowed scholarship in memory of Markey Butterworth is given annually to an out-of-state student majoring in Fisheries and Wildlife Biology.

#### **CADDIS Fly Fishing Club Annual Scholarship**

This annual scholarship will be awarded each year that funds are sufficient. Preference will be given to students who have achieved junior or senior status, have declared a major in Fisheries and Wildlife, and have maintained a minimum cumulative grade point average of 2.75 or higher. In addition financial need and/or research accomplishments may be considered.

#### **Rip Collins Memorial Scholarship**

Established by the Friends of the Little Red River to honor Mr. Rip Collins, the scholarship shall be used to make awards to full-time student(s) attending Arkansas Tech University. A recipient will be chosen annually and receive partial tuition for both the fall and spring semester of that academic year. Selection process will begin in the spring after recommendations are made by fisheries professors at Arkansas Tech. Applications and letters from the applicants expressing their thoughts, beliefs, and future plans concerning fisheries management are required. Preference will be given to a sophomore or junior fisheries student in good standing who is interested in either cold water fisheries biology, management, or stream/riverine fisheries biology or management.

#### The Lake Dardanelle Big Bass Scholarship

Through the generosity and support of local and area fishermen, the organizers of "The Lake Dardanelle Big Bass Classic," Wilkins Sporting Goods and the Russellville Advertising and Promotion, the Lake Dardanelle Big Bass Scholarship has been established for the purpose of providing scholarships for Fisheries and Wildlife students attending Arkansas Tech University. Applications should be submitted directly to the Director of the Fisheries and Wildlife program in early September. Scholarships will be granted each fall in accordance to the following criteria: a declared major in Fisheries and Wildlife, a junior or senior level student in good standing, attach a resume, copy of transcripts, and a letter of application that indicates the scholarship for which application is being made and that addresses financial need and career goals. Preference will be given to Arkansas residents and to students whose career goals focus on fisheries management. The scholarship is for the fall semester only and is not renewable.

### Quail Unlimited / Jim Ed McGee Scholarship

Awards will be granted each fall that funds are sufficient to an Arkansas resident with a junior or senior class standing who has declared a major in Fisheries and Wildlife. The student must have a cumulative grade point average of 2.0 or higher, be enrolled in a minimum course load of 12 student semester credit hours, demonstrate financial need and submit a letter of application. The scholarship is renewable for the succeeding spring semester provided the student maintains a minimum 2.0 grade point on a minimum course load of 12 student semester credit hours. Students must re-apply each year.

## **Department of Mathematics**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

### Harry T. Casner Memorial Scholarship

This scholarship will be awarded each fall that funds are sufficient with preference being given to an incoming freshman who plans to major in Mathematics, is an Arkansas resident, has demonstrated financial need, has earned a high school cumulative grade point average of 2.5 or higher, submits a letter of recommendation and an applicant letter with the scholarship application. In addition, the scholarship may be renewable if the recipient enrolls in and successfully completes a full-time academic load of 15 hours per semester and maintains a cumulative grade point average of 2.5 or higher.

#### Maude Moore Geurian Memorial Scholarship

This scholarship has been established to honor Maude Moore Geurian for her many years of dedication to Arkansas Tech University and devotion to her students. Applicants for this scholarship must have declared Math as a major course of study, maintain a minimum cumulative grade point average of 3.0, demonstrate financial need and have earned a minimum of 30 credit hours.

#### Jack L. King Scholarship

This partial-tuition scholarship will be awarded each semester that funds are available. To be eligible for this scholarship the student must be a graduate of Western Yell County High School, have an ACT composite score of 19 or above and an ACT Math and Science score of 22 or above, have declared a major in Engineering, Math, Science or a related field at Arkansas Tech University. This scholarship may be renewable for up to seven additional semesters, assuming that the recipient maintains a minimum 2.5 GPA, continues in one of the required fields of study, and enrolls in and completes a minimum of 12 credit hours per semester.

## **Department of Nursing**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### **Nell Teeter Balkman Nursing Scholarship**

This partial-tuition scholarship will be awarded to a junior or senior nursing student from Arkansas who demonstrates potential for nursing leadership such as was exemplified by Nell Teeter Balkman. Applicants must have at least a "C" average and must submit a letter of application and two letters of recommendation from Arkansas Tech University Nursing Department faculty. This scholarship is renewable provided funds are available; the student receives the recommendation of the Nursing Department, and continues to meet the scholarship criteria. Financial need will be a consideration in making this award.

#### First United Methodist Church Scholarship

An endowed scholarship has been established by the First United Methodist Church in Russellville to assist Methodist students who are nursing, medical assistant, health information management, or medical technology majors at Arkansas Tech. Students majoring in nursing will receive first consideration. Students should be recommended by their home church pastor.

#### Junior Auxiliary of Russellville Nursing Award

This fund has been established to provide a scholarship each year that funds are available to an Arkansas Tech University Nursing student in their junior or senior year of study. Applicants must have a cumulative grade point average of 3.0 or higher. Applications are available in the Development Office, Administration Building room 209 in early February. Applications will be available for pick-up in the Office of Development, Administration Building room 209, the middle of February. A separate application must be completed for each scholarship for which you would like to be considered. Only the Junior Auxiliary of Russellville Scholarship Application will be considered. The application must be submitted to the address on the application.

#### **Eupha Sue Knox Scholarship for Nursing**

A scholarship will be awarded each semester that funds are sufficient to an upper division nursing student who is enrolled in a minimum of 15 credit hours. Preference will be given to Arkansas residents that have demonstrated financial need. Recipients may re-apply for further consideration in subsequent years.

#### **Earlene Mullins Nursing Scholarship**

This scholarship will be awarded each semester that funds are sufficient to an upper division nursing student who is enrolled in 15 credit hours or more, and has demonstrated financial need. Preference will be given to applicants who are single parents. Each award will be for one semester but recipients may re-apply for further consideration.

#### St. Mary's Regional Medical Center Nursing Scholarship

This scholarship will be awarded each semester that funds are sufficient. The recipient will be a junior or senior level student majoring in Nursing, enrolled in a minimum of 15 credit hours, with a cumulative GPA of 3.0 or higher, and must demonstrate financial need. Special consideration shall be given to students who are conversant in Spanish or taking Spanish courses and intend to stay in the Russellville area after graduation. The scholarship is renewable for up to three consecutive semesters as long as the student enrolls in and successfully completes course load of 15 credit hours and maintains a 3.0 or higher grade point average.

#### **Hazel Thrasher Memorial Scholarship Fund**

Scholarships awarded to nursing majors based on need and the potential to meet the requirements of a professional nurse.

## Penny L. Wheeler Memorial Scholarship

A scholarship is awarded annually to the most deserving nursing student based upon high school record, need, and test scores.

## Dr. Charles and Joyce Wilkins Nursing Scholarship

This senior honors scholarship will be a one-semester partial tuition scholarship awarded to a full-time or part-time nursing student who has the highest grade point average prior to entering the first semester of the senior year. Since there are two nursing classes, a recipient will be selected from each class. Financial need is not a requirement.

#### Yell County Medical Society Scholarship

A scholarship awarded each spring semester by the Yell County Medical Society to a Tech student from Yell County majoring in nursing.

## **Department of Physical Sciences**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### Reuben Dee Caudle Scholarship

A partial-tuition scholarship will be provided for a student majoring in one of the physical science fields. The recipient must demonstrate a financial need, must meet and maintain satisfactory scholastic requirements. Preference will be given to Arkansas residents and those who have prior military service. This scholarship is to be re-awarded to the initial freshman recipient each of his/her subsequent three years while at Tech provided he/she continues to major in Physical Sciences and maintains good academic standing. Awards will be made each fall semester that funds are sufficient.

#### 1 .L. Chiang and C.C. Yang Chemistry Scholarship

An endowed scholarship established by Mr. C. L. Chiang of Singapore in honor of Dr. C.C. Yang, Professor Emeritus. The scholarship is awarded to an incoming freshman majoring in chemistry. The requirements for this award are a high school GPA of 3.0 or greater, and a composite ACT score of 24 or greater. This scholarship is renewable by request if the recipient makes satisfactory progress toward an ACS-accredited degree in chemistry.

### Vann Kerns Memorial Scholarship

This scholarship will be awarded each year that funds are sufficient. Preference will be given to students pursuing a degree in physics, mathematics, or a pre-medical school course of study. To be considered for this award, students must have a cumulative grade point average of 3.0 or higher, have demonstrated financial need and enroll in and successfully complete a minimum of fifteen hours each semester.

#### Jack L. King Scholarship

This partial-tuition scholarship will be awarded each semester that funds are available. To be eligible for this scholarship the student must be a graduate of Western Yell County High School, have an ACT composite score of 19 or above and an ACT Math and Science score of 22 or above, have declared a major in Engineering, Math, Science or a related field at Arkansas Tech University. This scholarship may be renewable for up to seven additional semesters, assuming that the recipient maintains a minimum 2.5 GPA, continues in one of the required fields of study, and enrolls in and completes a minimum of 12 credit hours per semester.

### **Truman McEver Memorial Scholarship**

Recipient must be an entering freshman who is majoring in the Department of Physical and Life Sciences. Academic ability and financial need are considered.

#### Greg A. Parks Memorial Scholarship

A partial tuition scholarship will be granted each semester that funds are available to a junior or senior level student majoring in psychology or pre-med (biology or chemistry). Applicants must be enrolled in 15 credit hours or more, have a minimum cumulative 3.0 grade point average, and demonstrate financial need. The initial recipient shall be eligible to retain the scholarship for up to three additional consecutive semesters provided he/she enrolls in and successfully completes 15 credit hours and maintains a cumulative 3.0 grade point average.

## Louise Berkeley Turner Scholarship

This partial-tuition scholarship will be awarded each fall semester that funds are available to a student majoring in math, science or a related field and may be renewed for one consecutive semester provided the recipient is making sufficient academic progress.

#### Virgil Alvin Turner Book Scholarship

A book scholarship established by Mr. and Mrs. Raymond B. Stroud which is awarded for the fall semester of the sophomore year to a major in chemistry. Recipients should be dedicated to obtaining a degree in chemistry and demonstrate this through scholastic achievements.

## College of Arts and Humanities - Multi Department Scholarships

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### Dr. Robert Autry Brooks Scholarship

Through the generosity of Dr. Robert Autry Brooks, scholarships will be granted each fall semester that funds are sufficient. Preference will be given to a traditional incoming freshman who is an Arkansas resident majoring in one of the Arts or Sciences (including, but not limited to English, Literature, Mathematics, and Chemistry). The recipient must have a high school cumulative grade point average of 3.0 or higher, maintain full-time student status and have demonstrated financial need. The scholarship may be renewable with the original recipient for three additional years if the recipient continues to remain in good academic standing, is making academic progress, and enrolls in and successfully completes a full-time academic course load.

## **Department of Art**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

## J.L. Adkins and Cora E. Adkins Scholarship

Established at the bequest of J.L. and Cora E. Adkins, annual scholarship awards are made to students pursuing a degree in Education or Fine Arts. While preference will be given to Arkansas Tech students from the Missouri counties of Dunklin, Stoddard or New Madrid, any Education or Fine Arts major is eligible to apply. Awards will be made each year that funds are sufficient.

#### Glori Ann Perkins Scholarship

The awarding of this scholarship will alternate between art/art education and engineering majors. The applicant must be a junior level student, enrolled in 15 semester hours or more, maintain a cumulative 3.2 or higher grade point average, have demonstrated financial need, and be a student legally present in the United States. This scholarship may be renewed three additional consecutive semesters provided the recipient enrolls in and successfully completes a 15 hour course load each semester, maintains a cumulative 3.2 grade point average, and is on track to graduate by the end of the fourth semester.

#### **Bill Preston Donnell Memorial Art Scholarship**

The family and friends of Bill Donnell, a 1993 Tech graduate in graphic design, have established a tuition scholarship as a tribute to his memory. Each year the funds from the Bill Donnell, Jr., Memorial Golf Tournament hosted by Chamberlyne Country Club will be contributed to the scholarship account. This scholarship will be awarded each fall term to an entering freshman or current student who is majoring in art. Preference will be given to students who demonstrate financial need, who are residents of Yell County, and/or who plan to study emphasis in graphic design.

#### Russellville Kiwanis Ark River Valley Arts Center

Scholarships will be granted each year that funds are sufficient. The applicant must be a full-time student who has graduated from high school in Pope or Yell County, Arkansas, have achieved sophomore status, majoring in Fine Arts, and maintains a cumulative grade point average of 2.5 or higher. Recipients of this scholarship will be required to volunteer at least two hours per week at the Arkansas River Valley Arts Center for each semester that they receive this award. This scholarship is automatically renewable for an additional two years if the recipient maintains the required criteria.

#### **Department of Behavioral Sciences**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### **Bob Adkison / ARVAC Addictions Research Scholarship**

To be eligible for this scholarship, applicant must be a full-time student enrolled in 12 credit hours per semester, major in Psychology, Sociology, or Rehabilitation Sciences, junior or senior level student with 75 earned semester credit hours, successful completion of Psy/Soc 2053, cumulative grade point average of 3.25 or higher, and submit a letter of application that expresses need for the scholarship and career goals. The scholarship may be renewed for the succeeding semester if the recipient continues to meet the criteria.

## **Baiyan Chen Memorial Scholarship**

Dr. Qing Zeng has established a scholarship in memory of her mother, Ms. Baiyan Chen (####, January 3, 1918 - September 28, 2009), who was a high school teacher of language and literature in China. A scholarship will be awarded each fall based on the following criteria: preference will be given to a female student, junior or senior status, full-time student with preference given to a student seeking a degree within the Department of Behavioral Sciences, cumulative grade point average of 2.5, and must demonstrate financial need.

## Junior Auxiliary of Russellville Marge Crabaugh

An award will be granted each year that funds are available to a student majoring in a field pertaining to "Child Welfare." Applicants must have a cumulative grade point average of 3.0 or higher, be a Russellville or Pope County resident with junior or senior status.

#### 1 .K. Merrill Memorial Scholarship

This scholarship is given to a junior or senior majoring in sociology or history.

#### **Odean Owens Criminal Justice Award**

One award will be granted each fall semester that funds are available based on the following criteria: A student with a major or minor in criminal justice and submission of a 500 word essay on a topic to be determined by the department head.

#### Greg A. Parks Memorial Scholarship

A partial tuition scholarship will be granted each semester that funds are available to a junior or senior level student majoring in psychology or pre-med (biology or chemistry). Applicants must be enrolled in 15 credit hours or more, have a minimum cumulative 3.0 grade point average, and demonstrate financial need. The initial recipient shall be eligible to retain the scholarship for up to three additional consecutive semesters provided he/she enrolls in and successfully completes 15 credit hours and maintains a cumulative 3.0 grade point average.

## **Department of English and World Languages**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### Dr. Robert Autry Brooks Scholarship

Through the generosity of Dr. Robert Autry Brooks, scholarships will be granted each fall semester that funds are sufficient. Preference will be given to a traditional incoming freshman who is an Arkansas resident majoring in one of the Arts or Sciences (including, but not limited to English, Literature, Mathematics, and Chemistry). The recipient must have a high school cumulative grade point average of 3.0 or higher, maintain full-time student status and have demonstrated financial need. The scholarship may be renewable with the original recipient for three additional years if the recipient continues to remain in good academic standing, is making academic progress, and enrolls in and successfully completes a full-time academic course load.

#### **Denton-Wainright Endowed Scholarship**

This scholarship was established by Cheryl Denton in memory of Dr. John Wainright and Joan Wainright in recognition of the difference they made in the lives of Tech students through their support and guidance. Joan Wainright was on the music faculty from 1955 to 1982. Dr. John Wainright, at Tech from 1952-1981, was on the faculty in music and education. He was named Dean of Education in 1970 and served in that capacity until 1981. Scholarships and awards will be granted each fall that funds are sufficient in accordance with the following criteria: The recipient must be a junior or senior majoring in music education with the intent to teach elementary music or education: preference order (1) music education keyboard instrumental (2) music education-keyboard vocal (3) music education-vocal (4) English education or (5) education. In addition the recipient must maintain full-time student status, and have demonstrated financial need. The scholarship may be renewed for the spring semester provided the recipient continues to meet the scholarship criteria and funds are sufficient. Scholarship recipients from one year will be eligible to reapply for subsequent years.

#### William C. (Bill) & Barbara Gund Scholarship

Students majoring in English with a junior or senior standing are eligible for this partial-tuition scholarship provided that they maintain a grade point average of at least 3.0 and follow all established criteria. Preference will be given to non-traditional students.

## Francis Gwaltney Memorial Scholarship

An endowed scholarship awarded to an English or Creative Writing major with sophomore, junior, or senior standing in memory of Francis Gwaltney, former author and member of the English and Creative Writing faculty. The scholarship is awarded competitively based on original fiction submitted by applicants to the head of the English Department two weeks before the end of each spring semester.

## Massie-Mobley Modern Foreign Language Scholarship

Scholarship will be awarded to an upperclassman majoring in foreign language.

### Lillian Massie Reed Modern Foreign Language Award

A scholarship awarded annually to a student majoring in foreign language.

## Rexann Oller English / Creative Writing Scholarship

One Scholarship from each area will be awarded annually to a deserving student. Recipients must be, sophomore, junior or senior level student, be in good academic standing, and should submit the application by April 1 of each spring.

## John Rollow Memorial Fund

Established as a tribute to John Rollow to assist non-traditional students in English and Creative Writing with tuition expenses, this scholarship is open to any non-traditional undergraduate or graduate student with demonstrated financial need and a cumulative grade point average of 2.5 or higher.

## **Department of Music**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### **Bridenthal Choir Scholarship**

This scholarship is named for Dorothy Bridenthal Bean and her twin sister, Deloris Bridenthal Prestridge, both of whom attended Arkansas Tech from 1940 until their graduation in 1942. While this award is designed for students whose studies concentrate on choir in their music education, a student who is majoring in choir or choral music is preferred. Each applicant must audition for the scholarship. The recipient must be in good academic standing and shall be chosen by a committee composed of three members of the Arkansas Tech University Music Department. This scholarship will be awarded each semester that funds are sufficient.

#### **Bridenthal Piano Scholarship**

This scholarship is named for Dorothy Bridenthal Bean and her twin sister, Deloris Bridenthal Prestridge, both of whom attended Arkansas Tech from 1940 until their graduation in 1942. While this award is designed for students whose studies concentrate on piano in their music education, a student who is majoring in piano is preferred. Each applicant must audition for the scholarship. The recipient must be in good academic standing. This scholarship will be awarded each semester that funds are sufficient.

#### **Connelly Music Fund**

This scholarship was established in honor of Ed Connelly a long-time professor of music at Arkansas Tech University.

## **Denton-Wainright Endowed Scholarship**

This scholarship was established by Cheryl Denton in memory of Dr. John Wainright and Joan Wainright in recognition of the difference they made in the lives of Tech students through their support and guidance. Joan Wainright was on the music faculty from 1955 to 1982. Dr. John Wainright, at Tech from 1952-1981, was on the faculty in music and education. He was named Dean of Education in 1970 and served in that capacity until 1981. Scholarships and awards will be granted each fall that funds are sufficient in accordance with the following criteria: The recipient must be a junior or senior majoring in music education with the intent to teach elementary music or education: preference order (1) music education keyboard instrumental (2) music education-keyboard vocal (3) music education-vocal (4) English education or (5) education. In addition the recipient must maintain full-time student status, and have demonstrated financial need. The scholarship may be renewed for the spring semester provided the recipient continues to meet the scholarship criteria and funds are sufficient. Scholarship recipients from one year will be eligible to reapply for subsequent years.

### Nona Dirksmeyer Memorial Scholarship

Awards will be granted each fall, that funds are sufficient, to a full-time student who majors in Music, is in good academic standing, and is enrolled in a minimum of 15 semester credit hours. The scholarship may be renewed for the spring semester provided the recipient continues to meet the scholarship criteria and funds are sufficient. Scholarship recipients from one year will be eligible to reapply for subsequent years.

#### Celia Drew Hollinger Memorial Scholarship

Through the generosity of her family, this scholarship was established in memory of Celia Drew Hollinger. The scholarship will be awarded each year that funds are available to a full-time student pursuing a degree within the Department of Music. Applicants must demonstrate financial need and preference will be given to a student who plays the flute. The scholarship is renewable for the spring semester as long as the student continues to meet the above criteria.

## **Cheryl Childers Lewis Scholarship**

This scholarship was established in honor or Cheryl Childers Lewis by her family. It will be awarded each year that funds are available to a full-time student majoring in a degree program within the Department of Music.

#### **Rexann Oller Music Scholarship**

An endowed scholarship awarded annually to a deserving student in music. The recipient must be in good academic standing.

## William C. and Myonia Pinson Instrumental Music

A scholarship will be provided each year that funds are available for an instrumental music major.

## Russellville Symphony Guild Scholarship

Through the generosity of the Russellville Symphony Guild and in memory of Christina Stinnett, the above named scholarship fund has been established through the Arkansas Tech University Foundation for the purpose of providing scholarships for students attending Arkansas Tech University. A scholarship award will be made each fall that funds are available based on the following criteria: Entering freshman with a declared major in music, enroll in and successfully complete 12 credit hours per semester, a high school cumulative grade point average 3.0 or higher and a 20 or higher ACT composite score, a letter of recommendation from high school guidance counselor, and a letter of application describing your goals and plans. This scholarship is renewable for the spring semester as long as the recipient continues to make academic progress and maintains full-time status.

#### Mary McDonald Shinn Scholarship

An annual partial-tuition scholarship awarded to a vocal music major.

## **Carol Stewart Stark Scholarship**

The family of Carol Stewart Stark has established this award in her memory and honor. Awards will be made each year funds are sufficient. Preference will be given to an undergraduate student majoring in music who demonstrates financial need. A married or single parent student will be given first priority. If no one meets this qualification in any given year, then an undergraduate music student demonstrating need will be considered.

## **Christina Stinnett Memorial Scholarship**

Through the generosity of her friends and family, this scholarship was established in memory of Christina Stinnett. The scholarship will be awarded to a full-time freshman with a declared major in music. Recipient must have a high school cumulative grade point average of 3.0 or higher and a 20 or higher ACT composite. Applicant must submit a letter of recommendation from his/her high school counselor and a letter of application describing goals and plans. The scholarship is renewable for spring as long as the recipient continues to make academic progress and maintains full-time status.

## Mary D. Turner Music Scholarship

An endowed scholarship will be awarded annually to a music major in honor of Mary D. Turner.

## Gene Witherspoon Memorial Scholarship

A scholarship awarded each year that funds are sufficient to an instrumental music major by the Arkansas Tech Band Alumni in memory of Gene Witherspoon, director of bands at Arkansas Tech from 1950 to 1970.

#### Hallie Belle Witherspoon Memorial Scholarship

A scholarship is awarded each year that funds are sufficient to an instrumental music major by the Arkansas Tech Band Alumni in memory of Hallie Belle Witherspoon.

## **Department of History and Political Science**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

### Fay Bullock Scholarship Fund

A scholarship awarded each semester to a student who is majoring, or one who intends to major, in the Department of Social Sciences and Philosophy. Academic achievement, financial need, and relevant extracurricular activities will be considered in making the award.

#### 1 .A. Dulaney Memorial Scholarship

Awards will be granted annually if funds are sufficient. Recipients will be chosen based on the following criteria: a junior or senior student who has declared a major in history or political sciences, demonstrated financial need, and enrolled in a semester course load of 15 hours or more. Preference will be given to a student who plans to teach. The recipient may re-apply for the scholarship.

## Lawrence M. Evans Memorial Political Science Fund

A memorial scholarship established by Dr. Larry Evans, his family and his friends for a sophomore, junior or senior majoring in History and Political Science. Preference will be given to those emphasizing Political Science. Academic achievement and need will be considered in making the award.

## Gene Farmer Memorial Award

A grant is awarded to an Arkansas high school editor who plans to specialize in either journalism or political science at Arkansas Tech University. This award, to honor and encourage a student of outstanding ability, will be made to the high school editor whose academic and journalistic accomplishments indicate the greatest potential for distinguished service in either field. The award, from the income of the Gene Farmer Memorial Endowment, is in memory of one of Arkansas Tech's most distinguished graduates, who from a beginning as editor of Tech's student newspaper, achieved national and international prominence as a journalist. Mr. Farmer authored several books and worked for many years as a senior editor for Life Magazine.

## **International Relations Scholarship**

Awards will be made each year that funds are sufficient to a sophomore, junior, or senior level student majoring in History/Political Science with a cumulative 3.0 or higher grade point average. Preference will be given to a veteran, current active duty military, National Guard, or member of the Reserve Armed Forces. The student must have completed at least 6 credit hours (with a "B" or better) from the following courses or completed 3 credit hours (with a "B" or better) and enrolled in 3 or more credit hours in the following International Relations or Foreign Policy courses: POLS 3013, POLS 3403, POLS 3413, POLS 4963 (with an international focus), POLS 4983 (with an international focus).

## Neal and Melissa Jenkins Graduate History Scholarship

Through a gift by Dr. Ellen J. Jenkins, the above named scholarship in memory of Neal and Melissa Jenkins has been established to provide scholarships for students accepted to the Arkansas Tech University Graduate Program. The recipient must be a graduate student in History, be enrolled in a minimum of six credit hours in History, academic achievement and need will be a consideration in selecting the recipient. Submit two letters of recommendation and an applicant letter detailing need and career goals. Preference will be given to a first year graduate student. The scholarship will be awarded each year that funds are sufficient and may be renewed for the succeeding spring semester provided the recipient completed the six-hour course load in the fall semester with a 3.0 grade point average and enrolls in six credit hours of graduate History courses in the spring semester. In the event a qualified first-year student has not applied, a third-semester or higher applicant may be selected on a one-semester basis for the fall or spring. Recipients are not eligible to re-apply in subsequent semesters or years.

## David Krueger Scholarship

This scholarship was established in honor of David Krueger's dedicated service to Tech students and will be awarded each semester that funds are available. The recipient of the David Krueger Scholarship will be selected by the History and Political Science Department Scholarship Committee.

Applicants should be majoring in Secondary Level Social Studies Education and student teaching in the semester of the award. Academic achievement and financial need will be a consideration in selecting the recipient. Applications should include two letters of recommendation and an applicant letter stating needs and goals. Recipients are not eligible to re-apply in subsequent semesters or years.

#### 1 .K. Merrill Memorial Scholarship

This scholarship is given to a junior or senior majoring in sociology or history.

## **Department of Communication & Journalism**

Inquire or submit application packet to:

Office of Advancement Christi Brown 1509 N Boulder Avenue, ADM 209 Russellville, AR 7280-2222 (479) 968-0400

#### Dana Coffman Journalism Scholarship

This partial-tuition scholarship has been established in memory of Dana Coffman, a former Journalism student at Arkansas Tech University. Preference will be given to a female student majoring in the field of Journalism. Academic achievement and financial need will be reviewed before making the award.

## Alfred & Marge Crabaugh Scholarship Program

This scholarship was established through the benevolence of Alfred J. & Marge W. Crabaugh, both of whom were prominent figures in the history of Arkansas Tech University and the River Valley community. This renewable scholarship will be awarded to outstanding full-time student(s) who have an ACT score of 21 or above, demonstrate leadership skills, and excel in Speech, Journalism or Communication. To be considered for this award, in addition to the above stated criteria, entering freshmen must submit two letters of recommendation from teachers, a scholarship application, and high school transcripts. The scholarship can be renewed with the original recipient provided he/she continues to meet the criteria, maintains a 3.0 grade point average, and has written renewal recommendations from two Arkansas Tech University faculty members in their field of study. Renewal recommendations must be made to the Journalism Department. Scholarship recipients will receive a partial tuition award and will be known as "Crabaugh Scholars." Financial need will be considered when making these awards.

#### **Gerald Edgar Scholarship**

A performance scholarship paying a semester's tuition is awarded each spring in honor of Gerald Edgar who was News Bureau Director, advisor of student publications, and journalism professor for twenty-nine years at Arkansas Tech University. It is to be awarded to a student who shows ability in and dedication to publications work. Financial need will be considered. The student will be required to work ten hours per week on student publications.

#### **Gene Farmer Memorial Award**

A grant is awarded to an Arkansas high school editor who plans to specialize in either journalism or political science at Arkansas Tech University. This award, to honor and encourage a student of outstanding ability, will be made to the high school editor whose academic and journalistic accomplishments indicate the greatest potential for distinguished service in either field. The award, from the income of the Gene Farmer Memorial Endowment, is in memory of one of Arkansas Tech's most distinguished graduates, who from a beginning as editor of Tech's student newspaper, achieved national and international prominence as a journalist. Mr. Farmer authored several books and worked for many years as a senior editor for Life Magazine.

#### Clifford & Mary Anne Franks Scholarship

To be considered for this award, the student must be involved in the Arkansas Tech Theater Department and be in good academic standing.

#### Dr. Hanna Norton Public Relations Scholarship

This scholarship has been established to honor Dr. Hanna Norton and will benefit a student majoring in Public Relations. The recipient must be a junior or senior level Public Relations major with a minimum cumulative grade point average of 3.25. Applicants must demonstrate the mastering of public relations principles and skills through his or her coursework. Applicant must demonstrate financial need and submit three letters of recommendation: two from Tech faculty members (one must be a journalism professor) and one personal reference (i.e. former employer, pastor, etc.) who is familiar with the student's work ethic and personal background. Additionally, the applicant must include a letter stating the individual's interest in public relations and career goals. This scholarship is renewable for the spring semester as long as the recipient continues to meet the above criteria.

## Kathleen Tucker Hollabaugh Journalism

This scholarship is funded by the Pope County Historical Association in honor of Kathleen Tucker Hollabaugh, the first woman editor of the Arka-Tech. The annual award will be made to a sophomore, junior or senior journalism major each year funds are sufficient and will be based on commitment to journalism and work in the field. A letter about commitment to journalism and samples of the applicant's work should accompany the scholarship application.

## **Television Broadcasters of Arkansas Scholarship**

This scholarship was established through the generosity of the Television Broadcasters of Arkansas and will be awarded each year that funds are available. Applicant must be a full- or part-time student at Arkansas Tech majoring in Journalism/Broadcast Option with the goal of pursuing a career in broadcast television. Preference will be given to a junior or senior student who reflects academic accomplishment. Financial need will be strongly

considered. A minimum GPA of 3.0 is required, with at least two semesters completed at Arkansas Tech University. Applicant must show participation in extra-curricular activities within the Department of Journalism.	
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# **COLLEGES**

## **COLLEGES**

## College of Arts & Humanities

- College of Arts & Humanities Home
- · Department of Art
- · Department of Behavioral Sciences
- Department of Communication & Media Studies
- Department of English & World Languages
- Department of History & Political Science
- · Department of Music

## College of Business and Economic Development

- College of Business and Economic Development Home
- · School of Business
- Department of Agriculture & Tourism

## College of Education and Health

- · College of Education and Health Home
- Department of Teaching & Educational Leadership
- · Department of Kinesiology & Rehabilitation Science
- · Department of Nursing
- · Department of Emergency Management, Professional Studies, and Student Affairs Administration

## College of Science, Technology, Engineering, & Mathematics

- · College of Science, Technology, Engineering, & Mathematics Home
- · Department of Biological Sciences
- Department of Engineering & Computing Sciences
- Department of Mathematics & Statistics
- Department of Physical & Earth Sciences

# **COLLEGE OF ARTS AND HUMANITIES**

## THE COLLEGE OF ARTS & HUMANITIES

## **Departments**

- Art
- · Behavioral Sciences
- · Communication & Media Studies
- English & World Languages
- History & Political Science
- Music

## **Programs of Study**

The College of Arts and Humanities comprises six departments which offer programs of study leading to baccalaureate, associate degrees, and certificates as listed below:

#### **Associate of Arts**

General Education

#### Associate of Science

Criminal Justice

## Certificates of Proficiency

English & World Languages:

**Diversity Studies** 

Spanish for Medical Interpretation

Teaching English to Speakers of Other Languages

Journalism:

Broadcast Journalism

Print Journalism

Public Relations Journalism

## **Bachelor of Arts**

Anthropology and Geography

Art Education

Communication:

Communication

Theatre and Film Production Option

Criminal Justice and Criminology

Digital Content Creation

English

**English Education** 

Fine Arts

Foreign Language

Foreign Language Education

History

International Studies

Journalism

Music

Political Science

Psychology

**Public History** 

Social Media Studies

Social Studies Education

Sociology

### **Bachelor of Fine Arts**

Creative Writing

Fine Arts

Game and Interactive Media Design

Graphic Design

#### **Bachelor of Music Education**

Music Education with options in: Instrumental Music Vocal Music Keyboard Vocal Music

Keyboard Instrumental Music

In addition to the degree programs offered, the College of Arts and Humanities also offers minors in:

- Anthropology
- · Creative Writing
- Criminal Justice
- English
- · Film Studies
- French
- Geography
- German
- · History
- Japanese
- Journalism
- · Latin American Studies
- · Military Science
- Philosophy
- Political Science
- Psychology
- **Public History**
- Religious Studies
- Sociology
- Spanish
- Speech Communication
- · Strategic Studies
- · Teaching English as a Second Language
- Theatre

The college also supervises pre-professional curriculum in law and is extensively involved in the general education program.

Through these degree and pre-professional curricula, the departments in the College of Arts and Humanities prepare graduates for a variety of challenging and rewarding careers, either directly or via continued graduate or professional studies. These curricula are designed not only to develop theoretical and technical expertise in the fine arts, humanities, and social sciences, but also to nurture the ability to think clearly and express ideas persuasively. Through its general education commitment and elective offerings, the college's faculty contributes to the broadening of the knowledge and experience of all graduates of Arkansas Tech University by promoting basic competence in communication skills, by fostering an appreciation and understanding of our cultural heritage and current world affairs, and by developing problem-solving techniques.

## **Transfer Students**

Applicability of transfer credit to meet specific degree requirements depends on the major selected by the transfer student. The transfer student should review the Transfer Credit policy in the Admission section of this catalog and meet with their academic advisor to determine final transfer credit eligibility for the selected program of study.

## ASSOCIATE OF ARTS IN GENERAL EDUCATION

The associate of arts degree offers students the background, knowledge, and academic preparation necessary to pursue career opportunities not requiring the traditional four-year degree while providing the foundation for continued study toward a bachelor's degree.

To qualify for the associate of arts in general education, the student must satisfy the associate degree requirements, see "Associate Degrees" and complete the following curriculum:

Curriculum	Hours
General Education Courses <sup>1</sup>	35
TECH 1001 or any approved orientation course <sup>2</sup>	1

## College of Arts and Humanities

Curriculum	Hours
Electives	24
Total	60

<sup>&</sup>lt;sup>1</sup>See " General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Approved orientation courses: AGBU 1001, BIOL 1011, ELEG 1011, FW 1001, HA 1001, MCEG 1011, MUS 1751, PE 1201, PHSC 1001, RP 1001.

# DEPARTMENT OF ART

The Art Department is committed to quality visual arts education consistent with high professional standards. To achieve its mission, the Art Department seeks to provide:

- 1 .A strong core foundation in visual art concepts and vocabulary in combination with the techniques, skills, and art processes to accomplish advanced projects.
- Substantive curriculum content that engages and challenges students to think critically about their intellectual response to art as well as their own creative process.
- 3. Historical perspectives necessary for student understanding of the role of art across time, as a form of communication, and in cultural contexts.
- 4 .Opportunities for developing a portfolio consistent with areas of professional specialization.
- 5 Leadership in developing and providing access to visual arts programming for the university and community.
- 6 Internships that offer students opportunities to work with professionals in their fields of study.

#### **Foundations Core Courses**

All majors (except Game and Interactive Media Design) will enroll in a foundations core made up of:

- ART 1303
- ART 1403
- ART 2403
- ART 2413

#### Game and Interactive Media Design Core Courses

- ART 1303
- ART 1403
- ART 2213
- GAME 2003

All art majors are required to enroll in ART 3001 course which serves as a review of the student's skills in the above four required foundation courses. All art students are also required to take twelve hours of art history.

Fine Art, Graphic Design and Game and Interactive Media students are required to exhibit their work in a culminating Senior Exhibition in their Senior Year.

## **Contact Information**

Kasten Searles, Department Head of Art

Norman Hall, Room 104A (479) 968-0244 Ext. 5030 ksearles@atu.edu

**Professors** 

Neal Harrington, Summer Bruch

**Associate Professors** 

Lyn Brands, Breanna Claire, Jasmine Greer

Jessica Mongeon, Dustin Simpson

Assistant Professors

Lynnette Gilbert, Kris Waid-Jones

For more information, please visit https://www.atu.edu/art/

## BACHELOR OF FINE ARTS IN GAME AND INTERACTIVE MEDIA DESIGN

The Game and Interactive Media Design degree introduces students to the cutting edge of visual communication arts and the latest in the interactive digital technology sciences. The program prepares students for work in the video game and entertainment industries as well as a broad range of fields

<sup>\*</sup>These courses may be taken independently of one another, and more than one may be taken in a semester.

requiring skills in animation, simulation, programming, web design, editing, mobile application development, interactive environment construction, and story formation.

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
GAME 1003	3
MATH 1113	3
TECH 1001	1
ART 1303	3
Elective (1000-4000 level)	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
ART 1403	3
ART 2213	3
COMS 1011 and COMS 1013	4
Total Hours	16

## **Sophomore**

Fall	Credits
FAH 1XXX <sup>1</sup>	3
ART 2103	3
ART 3001	1
GAME 2003	3
SCIL 1XXX <sup>1</sup>	4
General Elective (3000-4000 level) <sup>2</sup>	2
Total Hours	16

Spring	Credits
USHG 1XXX <sup>1</sup>	3
ENGL 2043 or COMM 3163	3
ART 2113	3

Spring	Credits
COMS 2203, ART 2403, or ART 2413	3
GAME 3013	3
Total Hours	15

## Junior

Fall	Credits
SFHS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>2</sup>	4
ART 3833	3
GAME 3023	3
GAME 4263	3
Total Hours	16

Spring	Credits
SS 1XXX <sup>1</sup>	3
ART 3153	3
ART 3253	3
GAME 4633	3
GAME 4803	3
Total Hours	15

## Senior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
ART 3073 or ART 4233 or ART 3303	3
GAME 4013	3
ART or GAME Elective (1000-4000 level)	3
ART or GAME Elective (3000-4000 level)	3
Total Hours	15

Spring	Credits
GAME 4023	3
GAME 4901	1
ART or GAME Electives (1000-4000 level)	4
ART or GAME Electives (3000-4000 level)	3
Total Hours	11

# **BACHELOR OF ARTS IN FINE ARTS**

The degree Fine Arts, concentrates on drawing, painting, printmaking, ceramics, and sculpture and other special art interests.

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
TECH 1001	1
ART 1303	3
ART 1403	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
ART 2403	3
ART 2413	3
Total Hours	16

## **Sophomore**

Fall	Credits
SFHS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ART 2103	3
Elective <sup>2</sup>	3
Total Hours	16

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>General electives cannot include art courses.

Spring	Credits
SS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
ART 2113	3
ART 2303	3
ART 3001	1
Elective <sup>2</sup>	2
Total Hours	15

## Junior

Fall	Credits
ART 3073	3
ART 3303	3
ART 3403 or ART 3533	3
Art History (3000-4000) <sup>3</sup>	3
Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
ART 3603	3
ART 3803	3
Art History (3000-4000) <sup>3</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

# Senior

Fall	Credits
Art Elective (3000-4000)	6
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
ART 4703	3
Elective <sup>2</sup>	9
Total Hours	12

# **BACHELOR OF FINE ARTS IN FINE ARTS**

The degree Fine Arts, concentrates on drawing, painting, printmaking, ceramics, and sculpture and other special art interests.

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
TECH 1001	1
ART 1303	3
ART 1403	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
ART 2403	3
ART 2413	3
Total Hours	16

## **Sophomore**

Fall	Credits
SFHS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ART 2103	3
Elective <sup>2</sup>	3

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>At least 40 upper level hours are required. Electives cannot include art courses.

<sup>&</sup>lt;sup>3</sup>Art history electives ART 3113, ART 3133, ART 3143, ART 3153, ART 4113, ART 4723, ART 4823 can be used toward this requirement.

Fall	Credits
Total Hours	16

Spring	Credits
SS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
ART 2113	3
ART 2303	3
ART 3001	1
Elective <sup>2</sup>	2
Total Hours	15

## Junior

Fall	Credits
ART 3073	3
ART 3303	3
ART 3403 or ART 3533	3
Art History (3000-4000) <sup>3</sup>	3
Art Elective (3000-4000)	3
Total Hours	15

Spring	Credits
ART 3603	3
ART 3803	3
Art History (3000-4000) <sup>3</sup>	3
Art Elective (3000-4000)	3
Art Elective <sup>2</sup>	3
Total Hours	15

## Senior

Fall	Credits
Art Elective (3000-4000)	9
Art Elective <sup>2</sup>	6
Total Hours	15

Spring	Credits
ART 4703	3
Art Elective (3000-4000)	3
Art Electives <sup>2</sup>	6
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## **BACHELOR OF FINE ARTS IN GRAPHIC DESIGN**

The Graphic Design program enables a student to develop the skills and techniques required to engage in the various fields of advertising art.

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
TECH 1001	1
ART 1303	3
ART 1403	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ART 1503	3
ART 2403	3
ART 2413	3
Total Hours	16

## **Sophomore**

Fall	Credits
SFHS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>At least 40 upper level hours are required. General electives cannot include art courses.

<sup>&</sup>lt;sup>3</sup>Art history electives ART 3113, ART 3133, ART 3143, ART 3153, ART 4113, ART 4723, ART 4823 can be used toward this requirement.

Fall	Credits
ART 2103	3
ART 2213	3
Total Hours	16

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
ART 2113	3
ART 3001	1
Art Elective (3000-4000)	3
Elective <sup>2</sup>	2
Total Hours	15

# Junior

Fall	Credits
SS 1XXX <sup>1</sup>	3
ART 3203	3
ART 3253	3
ART 3303 or ART 4233	3
Art History (3000-4000) <sup>3</sup>	3
Total Hours	15

Spring	Credits
ART 3232	2
ART 3243	3
ART 3803	3
Art History (3000-4000) <sup>3</sup>	3
Elective <sup>2</sup>	3
Total Hours	14

# Senior

Fall	Credits
ART 3223	3
ART 3833	3
ART or GAME Electives (3000-4000) <sup>2</sup>	9
Total Hours	15

Spring	Credits
ART 4231	1
ART 4243	3
ART or GAME Electives (3000-4000) <sup>2</sup>	9
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## **MINOR IN ART**

The minor program provides an opportunity to investigate a range of content and studio experiences. Students who wish to take advanced level coursework in any studio area must meet prerequisites. The minor in art requires 18 hours of courses:

- ART 1303
- ART 1403
- ART Electives (9 hours)

And 3 hours selected from the following:

- ART 2103
- ART 2113
- ART 2123

<sup>&</sup>lt;sup>2</sup>At least 40 upper level hours are required, General electives cannot include art courses.

<sup>&</sup>lt;sup>3</sup>Art history electives ART 3113, ART 3133, ART 3143, ART 3153, ART 4113, ART 4723, ART 4823 can be used toward this requirement.

# BEHAVIORAL SCIENCES

## DEPARTMENT OF BEHAVIORAL SCIENCES

The Behavioral Sciences Department includes the allied disciplines of psychology, sociology, and criminal justice. The student is offered the opportunity to develop an understanding of human behavior via the distinctive approach of each discipline as well as an integrated view of interpersonal, social, and cultural activities.

The department has several distinctive goals. It gives basic preparation which may lead to advanced study. It provides a career line for work in state and local agencies and programs. It provides practical experience and skills in human services. Finally, it offers electives to support other programs of study in the University.

The student may select a major in Criminal Justice & Criminology, Psychology, or Sociology. A Professional Studies degree emphasizing Criminal Justice is also available. In addition, the student may select an Associate of Science in Criminal Justice or a minor in Psychology, Sociology, or Criminal Justice.

While each area outlines a complete program below, one of the objectives of the department is to maintain maximum flexibility of planning with each student within the context of the broad range of offerings. Each student is encouraged to consult with a departmental advisor at the earliest opportunity to develop a program appropriate to his/her interests and goals.

#### **Contact Information**

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**Professors** 

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For more information, please visit www.atu.edu/behaviorsci

## ASSOCIATE OF SCIENCE IN CRIMINAL JUSTICE

The Associate of Science degree program in criminal justice is designed primarily for students interested in police work at levels other than Federal. This degree will provide the basic, foundational knowledge to supplement the police academy experience.

Completion of the requirement for the associate's degree will provide the necessary background for those continuing study towards a bachelor's degree. To qualify for the Associate of Arts in criminal justice, the student must satisfy the associate degree requirements, see "General Education Requirements" of this catalog and complete the following curriculum:

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
MATH XXXX <sup>1</sup>	3
TECH 1001	1
CJ 2003/SOC 2003	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
SFHS 1XXX <sup>1</sup>	3
CJ 2043/SOC 2043	3
Total Hours	16

## **Sophomore**

Fall	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
CJ 2033/SOC 2033	3
CJ Elective	6
Total Hours	15

Spring	Credits
SS 1XXX <sup>1</sup>	6
General Elective	6
CJ Elective	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See "General Education Requirements".

## BACHELOR OF ARTS IN CRIMINAL JUSTICE AND CRIMINOLOGY

The curriculum in Criminal Justice and Criminology is designed to prepare students for occupations in a wide variety of industries. This includes policing, security, corrections, social services, and transportation security. The requirements are innovative and designed to meet policing needs in the 21st century. These include a Spanish language requirement, a Geographic Information Systems (GIS) option, and a curriculum that encourages a second minor or major in diverse and impactful areas, including Cybersecurity and Emergency Management. The program affords a transition opportunity for students who have completed an AAS in Law Enforcement Certification or Associate's Degree in Criminal Justice. It gives a strong base for graduate study in law, criminal justice, or criminology. Also, completion of the program provides a foundation for the Behavioral Sciences' Master's Degree in Applied Sociology, which has an emphasis in criminal justice studies.

1) Basic Requirements

- SPAN 1013
- · SOC 2053/PSY 2053 or GEOG 2833
- SOC 2063/PSY 2063 or EAM 4033 or POLS 2513
- CJ 2003/SOC 2003
- CJ 2033/SOC 2033
- CJ 2043/SOC 2043
- 12 Hours of 3000-4000 level Criminal Justice courses
- (2) Policing: Choose 3 hours from:
  - CJ3153/SOC 3153
  - CJ3103/SOC 3103
  - CJ 4033
- (3) Courts: Choose 3 hours from:
  - CJ 3023/POLS 3023
  - CJ 4023
- (4) Society: Choose 3 hours from:
  - CJ 3083/SOC 3083
  - SOC 4003
  - SOC 4023
  - SOC 4063
- (5) SOC 1003, ANTH 2003 or ANTH 1213, and POLS 2003
- (6) Complete a minor, an associate's degree or a second degree in one of the following: Sociology, Cybersecurity, Emergency Management, Political Science, Psychology, Pre-Law, Cybersecurity, or Law Enforcement

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
POLS 2003	3
TECH 1001	1
Elective <sup>2, 3</sup>	6
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MATH XXXX <sup>1</sup>	3
CJ 2003/SOC 2003	3
Total Hours	16

### **Sophomore**

Fall	Credits
FAH 1XXX <sup>1</sup>	6
SCIL 1XXX <sup>1</sup>	4
SPAN 1013	3
Total Hours	13

Spring	Credits
PSY 2053/SOC 2053 or GEOG 2833	3
PSY 2063/SOC 2063, EAM 4033, or POLS 2513	3
Elective <sup>2, 3</sup>	9
Total Hours	15

# Junior

Fall	Credits
SOC 1003	3
CJ 2033/SOC 2033	3
CJ Policing (3000- 4000 level) <sup>4</sup>	3
Elective <sup>2, 3</sup>	6
Total Hours	15

Spring	Credits
ANTH 1213 or ANTH 2003	3
CJ 2043/SOC 2043	3
CJ Courts (3000-4000 level) <sup>4</sup>	3
Elective <sup>2, 3</sup>	6
Total Hours	15

# Senior

Fall	Credits
CJ Society (3000-4 000 level) <sup>4</sup>	3
CJ Elective (3000-4000 level)	6
Elective <sup>2,3</sup>	6
Total Hours	15

Spring	Credits
CJ Elective (3000-4000 level)	6

Spring	Credits
Elective <sup>2, 3</sup>	9
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### Policing: Choose 3 hours (UD) from:

CJ 3153/SOC 3153

CJ 3103/SOC 3103

CJ 4033/SOC 4033

Courts: Choose 3 hours (UD) from:

CJ 3023/POLS 3023

CJ 4023

Society: Choose 3 hours (UD) from:

CJ 3083/SOC 3083

SOC 4003

SOC 4023

SOC 4063

# BACHELOR OF ARTS IN PSYCHOLOGY

The Psychology curriculum is designed to (1) prepare students for advanced study in psychology; (2) support, through electives, programs of study in other disciplines; (3) give a basis for entry into the job market; (4) arouse the curiosity of all students regarding human behavior; (5) provide opportunities for experiences outside the classroom by way of field programs and practical experiences.

The student majoring in psychology must, in addition to meeting the general education requirements:

#### Basic Core (13 hours):

- PSY 2003 <sup>5</sup>
- PSY 2053/SOC 2053 <sup>5</sup>
- PSY 2063/SOC 2063 <sup>5</sup>
- PSY 3191
- Capstone (choose one of the following courses):
  - PSY 4003 <sup>5</sup>
  - PSY 4103
  - PSY 4203

#### Topical Core (15 hours must be chosen from these classes):

- PSY 3003 OR PSY 3153
- PSY 3053 OR PSY 4053
- PSY 3063 OR PSY 3183
- PSY 3073 OR PSY 4073
- PSY 4043/SOC 4043 OR PSY 3123

#### Other:

- Upper Division Elective, PSY 6 hours
- ANTH 2003 or ANTH 1213 and SOC 1003
- Minor or Second Major

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>A minor or second degree must be completed.

<sup>&</sup>lt;sup>3</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>4</sup>See appropriate options in "Policing", "Courts", & "Society" areas:

Fall	Credits
USHG 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
TECH 1001	1
Elective <sup>2, 3</sup>	6
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
PSY 2003 <sup>5</sup>	3
Elective <sup>2, 3</sup>	6
Total Hours	16

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	6
SCIL 1XXX <sup>1</sup>	4
PSY 2053/SOC 2053 <sup>5</sup>	3
Total Hours	13

Spring	Credits
PSY Topical Core <sup>4</sup>	3
PSY 2063/SOC 2063 <sup>5</sup>	3
PSY 3191	1
Elective <sup>2, 3</sup>	8
Total Hours	15

# Junior

Fall	Credits
SOC 1003	3
PSY Topical Core <sup>4</sup>	6
Elective <sup>2, 3</sup>	6
Total Hours	15

Spring	Credits
ANTH 1213 or ANTH 2003	3
PSY Topical Core <sup>4</sup>	6
Elective <sup>2, 3</sup>	6
Total Hours	15

#### Senior

Fall	Credits
PSY (3000-4000 level)	6
Elective <sup>2, 3</sup>	9
Total Hours	15

Spring	Credits
CAPSTONE: PSY 4003 or PSY 4103 or PSY 4203 <sup>5</sup>	3
Elective <sup>2, 3</sup>	12
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN SOCIOLOGY

The Sociology curriculum is designed to prepare students for employment in a range of careers or for advanced study in sociology, law, criminology, criminal justice, counseling, education, research, population, social work or other related fields. Sociology prepares majors to deal with the constant social change that is today's world.

In addition to understanding the organization of social groups and the human behaviors that comprise everyday social life, sociologists remain important contributors to the collection of data pertaining to these levels of human behavior. The undergraduate sociology major learns to identify problems, formulate appropriate questions, search for answers, analyze data, organize information, and express themselves in written and spoken communication.

The undergraduate major provides a strong liberal arts degree for entry-level positions throughout the business, social service, and government worlds. In addition to the general education requirements, a student majoring in sociology must complete:

- (1) 30 hours of sociology including:
  - SOC 1003
  - SOC 2053/PSY 2053
  - SOC 2063/PSY 2063
  - SOC 2073
  - SOC 2083
  - SOC 3163
  - SOC 4283
  - 9 credit hours of 3000-4000 level Sociology courses
- (2) Complete a minor, an associate's degree or a second degree.
- (3) PSY 2003
- (4) RS 2003; or CJ 2003/SOC 2003

<sup>&</sup>lt;sup>2</sup>A minor or second degree must be completed.

<sup>&</sup>lt;sup>3</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>4</sup>See appropriate options in "Topical Core" above.

<sup>&</sup>lt;sup>5</sup>Psychology majors must earn a grade of 'C' or higher.

(5) ANTH 1213 or ANTH 2003.

# Curriculum

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
TECH 1001	1
SOC 1003	3
Elective <sup>2, 3</sup>	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
ANTH 1213 or ANTH 2003	3
MATH XXXX <sup>1</sup>	3
Elective <sup>2, 3</sup>	3
Total Hours	15

# Sophomore

Fall	Credits
PSY 2003	3
SCIL 1XXX <sup>1</sup>	4
PSY 2053/SOC 2053	3
PSY 2063/SOC 2063	3
SOC 2073	3
Total Hours	16

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SOC 2083	3
Elective <sup>2, 3</sup>	6
Total Hours	15

#### **Junior**

Fall	Credits
RS 2003 or CJ 2003/SOC 2003	3
SOC Elective (3000- 4000 level)	3
Elective <sup>2, 3</sup>	9
Total Hours	15

Spring	Credits
SOC 3163	3
SOC Elective (3000-4000 level)	3
Elective <sup>2, 3</sup>	9
Total Hours	15

### Senior

Fall	Credits
SOC Elective (3000-4000 level)	3
Elective <sup>2, 3</sup>	12
Total Hours	15

Spring	Credits
SOC 4283	3
Elective <sup>2, 3</sup>	12
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# CERTIFICATE OF PROFICIENCY IN PSYCHOLOGY

The Certificate of Proficiency in Psychology enhances students' employment opportunity in a wide-range of areas from nursing to social work to criminal justice to human resources and integrates well with many majors and employment fields.

# The certificate of proficiency in Psychology requires the following 18 semester credit hours:

- PSY 2003 General Psychology
- PSY 2053 or PSY 2063, or, with approval, Research/Statistics substitutes from other majors.

# And 12 hours from the following:

- PSY 3003
- PSY 3053
- PSY 3063
- PSY 3073
- PSY 3093
- PSY 3153
- PSY 4013

<sup>&</sup>lt;sup>2</sup>A minor, an associate's degree or a second degree must be completed.

<sup>&</sup>lt;sup>3</sup>To be chosen in consultation with advisor. Students are strongly encouraged to pursue a foreign language. At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

- PSY 4033
- PSY 4043
- PSY 4053
- PSY 4073
- PSY 4133

### MINORS AVAILABLE

#### Anthropology

The minor in anthropology concentrates on the areas of cultural anthropology. Within this subdivision, the emphasis concerns historic and contemporary cultures (ethnography) and prehistoric cultures (archeology). Winthrop Rockefeller Institute Station of the Arkansas Archeological Survey is located on nearby Petit Jean Mountain and offers opportunities in the state for students interested in anthropology. The minor in anthropology requires 18 hours of courses:

- ANTH 1213
- ANTH 2003
- ANTH Electives (12 hours)

#### **Criminal Justice**

The criminal justice minor is designed to prepare students for a career in the field of criminal justice, e.g. police work, probation/parole or corrections. In addition, the criminal justice minor is provided for students whose major department requires a minor. The minor in criminal justice requires 18 hours of courses:

- CJ 2003/SOC 2003
- CJ 2043/SOC 2043
- CJ Electives (12 hours)

### **Psychology**

The psychology minor is designed for students of any major who want to pursue an understanding of human behavior through psychology. Many majors could benefit from the psychology minor, but majors that are especially compatible include biology, business education, nursing, pre-med, pre-law, rehabilitation science, and sociology. The minor in psychology requires 18 hours of courses:

- PSY 2003
- PSY Electives (3 hours)
- PSY Electives (12 hours of 3000 or 4000 level)

#### Sociology

The sociology minor is designed to prepare students for employment in a range of careers that require an understanding of social processes and institutions. In addition, the sociology minor is provided for students whose major department requires a minor. The minor in sociology requires 18 hours of courses:

- SOC 1003
- SOC 3133/PSY 3133 or SOC 2033/CJ 2033
- SOC Electives (12 hours)

# **DEPARTMENT OF COMMUNICATION & MEDIA STUDIES**

# DEPARTMENT OF COMMUNICATION AND MEDIA STUDIES

The Communication and Media Studies Department offers majors in communication (speech and theatre options) and in journalism. In addition, the department offers minors in journalism, communication, social media, and theatre. Students are involved in both the theoretical and applied dimensions of human communication in these programs. Consequently, students interested in further study and those interested in immediate career opportunities are served. With faculty guidance on the proper selection of courses, students can prepare for:

- 1 .Graduate school
- 2 .Recreational or professional theatre
- 3 .Print or broadcast journalism
- 4 .Public relations
- 5 .Business or government employment requiring communication expertise

Being able to speak effectively has been recognized as an indicator of the well-educated person throughout recorded history. The ancient Greeks studied the theory and practice of communication under the label of "rhetoric," which also has taken a central role in American education since Harvard was founded in 1636. Even in today's technologically sophisticated world, good human communication skills are vitally important for one's personal and professional life. The study of communication in its original form, speech, or its evolved stages of print and electronic communication can prepare the student for citizenship in a democratic society, for more satisfying relationships, and for occupational success.

# **Contact Information**

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Alexis Johnson, Virginia Jones

Assistant Professors

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For more information, please visit www.atu.edu/cj

### **MINORS**

#### **Journalism**

The minor in journalism is designed for students with any major who wish to better understand the role of media in a free society, and/or who anticipate dealing with media outlets in their future careers. The minor in journalism requires 18 hours of courses:

- JOUR 2133
- JOUR 2143
- JOUR 4883
- JOUR Electives (9 hours of 3000 or 4000 level from the three Journalism Options)

#### Social Media

The minor in social media will provide students outside of the Department of Communication and Journalism the opportunity to gain general and practical knowledge and skills that will be beneficial to them and expand their career options. The minor in social media requires 21 hours of courses:

- COMM 4153
- JOUR 2163
- JOUR 3173

- JOUR 3273
- JOUR 4023
- JOUR 4083 or JOUR 4123
- MKT 3163 or PSY 2023

#### **Speech Communication**

The minor in speech communication is designed for students with any major who recognize the need for communication skills in order to achieve their career goals. The minor in speech requires 18 hours of courses:

- COMM 2003
- COMM 3123
- COMM Electives (12 hours of 3000 or 4000 level)

#### **Theatre**

The minor in theatre is designed for students with any major who wish to acquire a better knowledge and understanding of the theatrical arts in order to enrich cultural experiences in their life. The minor in theatre requires 18 hours of courses:

- TH 2703
- TH Elective (3 hours)

and 12 hours of Electives in TH or theatre-related courses elected from the following:

- COMM 2013
- COMM 3063
- COMM 3163
- · Any approved by Theatre advisor

# **COMMUNICATION**

# BACHELOR OF ARTS IN COMMUNICATION

The communication major offers a communication option and a theatre & film production option. Both options require 30 semester hours selected from departmental course offerings. Eighteen hours of the 30-hour major must be upper division level.

### **Major Options**

Communication Digital Content Creation Theatre and Film Production

# **Certificate Options**

Certificate of Proficiency in Technical and Professional Communications Certificate in Proficiency in Digital Content Creation

# **BACHELOR OF ARTS IN COMMUNICATION**

Those students choosing the speech option must take:

- COMM 1003
- COMM 1023 or JOUR 1023
- COMM 2003
- COMM 3003
- COMM 3123 or COMM 3133
- COMM 3513
- COMM 4823

Students choosing the speech option, in consultation with an advisor, can design a program in one of the following areas of emphasis:

- 1 .communication for the professions
- 2 .language and culture
- 3 .organizational communication
- 4 .performance studies

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
COMM 1003	3
TECH 1001	1
COMM 1023 or JOUR 1023	3
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1, 2</sup>	3
MATH XXXX <sup>1</sup>	3

Spring	Credits
Elective	6
Total Hours	15

# Sophomore

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
COMM 2003	3
COMM Elective	3
Elective	6
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SS 1XXX <sup>1, 2</sup>	3
COMM 3123 or COMM 3133	3
Elective	6
Total Hours	15

# Junior

Fall	Credits
COMM 3003	3
COMM 3513	3
COMM Elective (3000-4000 level)	3
Elective	6
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMM Elective (3000- 4000 level)	3
Elective (3000-4000 level)	6
Elective	3
Total Hours	15

# Senior

Fall	Credits
COMM 4823	3

Fall	Credits
Elective (3000-4000 level)	12
Total Hours	15

Spring	Credits
COMM Elective	3
COMM Elective (3000- 4000 level)	3
Elective (3000-4000 level)	1
Elective	5
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN COMMUNICATION - THEATRE AND FILM PRODUCTION

Those students choosing the Theatre and Film Production option must take:

- COMM 1023 or JOUR 1023
- COMM 3163
- COMM 4823
- TH 2703
- TH 3263
- TH 3513
- TH 3803

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
COMM 1023 or JOUR 1023	3
SS 1XXX <sup>1,3</sup>	3
TH 2703	3
TECH 1001	1
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
COMM 3163	3
MATH XXXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>Certain electives and social sciences are recommended based on student's emphasis.

# Communication

Spring	Credits
Elective <sup>3</sup>	3
Total Hours	15

# Sophomore

Fall	Credits
SS 1XXX <sup>1,3</sup>	3
SCIL 1XXX <sup>1</sup>	4
TH 3263	3
Theatre Practicum	1
Elective <sup>3</sup>	6
Total Hours	17

Spring	Credits
SFHS 1XXX <sup>1,3</sup>	3
FAH 1XXX <sup>1,3</sup>	3
TH 3513	3
Elective <sup>3</sup>	6
Total Hours	15

# Junior

Fall	Credits
FAH 1XXX <sup>1,3</sup>	3
TH Elective (3000-4000 level) <sup>2</sup>	3
Elective <sup>4</sup>	9
Total Hours	15

Spring	Credits
TH 3803	3
TH Elective (3000-4000 level) <sup>2</sup>	3
Elective <sup>4</sup>	9
Total Hours	15

# Senior

Fall	Credits
Theatre Practicum	1

Fall	Credits
COMM 4823	3
Elective <sup>4</sup>	11
Total Hours	15

Spring	Credits
Theatre Practicum	1
TH Elective (3000-4000 level) <sup>2</sup>	3
Elective <sup>4</sup>	7
Total Hours	11

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN DIGITAL CONTENT CREATION

The Digital Content Creation degree prepares students to work in the fast-changing world of media production. It gives students experience with filmmaking, public relations, social media, and communication ethics. Students will leave with the ability to coordinate and create content for social media efforts---either their own or for employers.

#### Learning goals:

- · Effective and ethical use of social media
- Ability to enact public relations campaigns
- Film-making
- Performance
- · Building an online presence
- · Cultivating an online audience

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
COMM 1023 / JOUR 1023	3
TECH 1001	1
Elective	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>A maximum of seven hours of theatre practicum courses may be counted toward the thirty-three hour major.

<sup>&</sup>lt;sup>3</sup>Certain electives and social sciences are recommended based on student's emphasis.

<sup>&</sup>lt;sup>4</sup>At least 40 of the total hours required for graduation must be 3000-4000 level courses.

Spring	Credits
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
Elective	3
Total Hours	16

# Sophomore

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
TH 2703, COMM 2003, COMM 2013, or COMM 3063	3
TH 3263	3
SS 1XXX <sup>1</sup>	3
Elective	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SS 1XXX <sup>1</sup> or FAH 1XXX <sup>1</sup>	3
Digital Content Creation Elective <sup>3</sup>	3
Elective	6
Total Hours	15

# Junior

Fall	Credits
JOUR 3173	3
Digital Content Creation Elective <sup>2</sup>	3
Elective	9
Total Hours	15

Spring	Credits
COMM 3133	3
TH 4293	3

Spring	Credits
Elective	5
Elective (3000-4000 Level)	4
Total Hours	15

#### Senior

Fall	Credits
JOUR 4023	3
Elective	3
Elective (3000-4000 Level)	9
Total Hours	15

Spring	Credits
COMM 4823 <i>or</i> JOUR 4823	3
Elective	3
Elective (3000-4000 Level)	6
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### **CERTIFICATE PROFICIENCY** IN **TECHNICAL AND PROFESSIONAL OF COMMUNICATIONS**

The certificate of proficiency in Technical and Professional Communication will strengthen students' oral and written communication skills, prepare them for the communication requirements they will face in the workplace and increase their understanding of communication theory.

The certificate of proficiency in Technical and Professional Communication requires the following 21 semester credit hours:

- COMM 2003 or COMM 2173
- COMM 3003 or COMM 4063
- ENGL 2053

And 12 credit hours from the following:

- COMM 3013
- COMM 3033
- COMM 3073
- COMS 2003
- ENGL 3013
- ENGL 3023/COMM 3023/FR 3023/GER 3023/SPAN 3023
- ENGL 4053

<sup>&</sup>lt;sup>2</sup>Digital Content Creation Electives include: COMM / JOUR / TH Intership or Practicum, JOUR 2143, JOUR 4073, COMM 3003, COMM 3163, COMM 3263, TH 4563, TH 3803, and other courses approved by advisor.

# **JOURNALISM**

# **BACHELOR OF ARTS IN JOURNALISM**

Those students choosing the Journalism major must take:

- JOUR 1023
- JOUR 2133
- JOUR 1163
- JOUR 2143
- JOUR 2163
- JOUR 4043
- JOUR 2263
- JOUR 3133
- JOUR 3133JOUR 4123
- JOUR 4823
- JOUR Practicums 4 (four)
- JOUR electives 12 hours

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
JOUR 1023 or COMM 1023	3
TECH 1001	1
Journalism Practicum <sup>3</sup>	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SFHS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
JOUR 1163 or ART 1163	3
JOUR 2133	3
Journalism Practicum <sup>3</sup>	1
Total Hours	16

# **Sophomore**

Fall	Credits
USHG 1XXX <sup>1</sup>	3
JOUR 2163	3

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
JOUR 2143	3
Journalism Practicum <sup>3</sup>	1
Elective <sup>2</sup>	1
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
JOUR 2263	3
Journalism Practicum <sup>3</sup>	1
Elective <sup>2</sup>	6
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
JOUR 4043	3
JOUR Elective <sup>4</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

Spring	Credits
JOUR 3133	3
JOUR Elective <sup>4</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

# Senior

Fall	Credits
JOUR Elective <sup>4</sup>	3
JOUR 4123 <sup>4</sup>	3
Elective <sup>2,4</sup>	9
Total Hours	15

Spring	Credits
JOUR 4823	3
JOUR Elective <sup>4</sup>	3
Elective <sup>2,4</sup>	7
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

- a. Required: JOUR 6013 in the Fall and JOUR 6023 in the Spring
- b. Choose one of the following for Fall and one for Spring of Senior year: JOUR 5023, JOUR 5033, JOUR 5043, JOUR 5053, JOUR 5083, JOUR 5113, JOUR 5123, JOUR 5123 can replace JOUR 4123.

## CERTIFICATE OF PROFICIENCY IN BROADCAST JOURNALISM

The Certificate of Proficiency in Broadcast Journalism provides students with the opportunity to earn within the first four semesters of study, a certificate acknowledging their instruction in broadcast journalism. This stackable education sequence enhances a student's employment opportunity and augments any degree program with which it is paired.

#### The Certificate of Proficiency in Broadcast Journalism requires 12 semester credit hours from the following:

- JOUR 2253
- JOUR 3183
- JOUR 3193
- JOUR 4133

# CERTIFICATE OF PROFICIENCY IN DIGITAL CONTENT CREATION

The Certificate of Proficiency in Digital Content Creation prepares students to work in the fast-changing world of media. The four-course certificate emphasizes the performance, marketing, and technological skills necessary for content creators.

#### The Certificate of Proficiency in Digital Content Creation requires 12 semester credit hours from the following:

- JOUR 4023
- TH 3263
- TH 4293
- COMM 2003, COMM 2013, COMM 3063, or TH 2703

# CERTIFICATE OF PROFICIENCY IN PRINT JOURNALISM

The Certificate of Proficiency in Print Journalism provides students with the opportunity to earn within the first four semesters of study, a certificate acknowledging their instruction in print journalism. This stackable education sequence enhances a student's employment opportunity and augments any degree program with which it is paired.

#### The Certificate of Proficiency in Print Journalism requires 12 semester credit hours from the following:

- JOUR 2143
- JOUR 3143
- JOUR 3153
- JOUR 4143

### CERTIFICATE OF PROFICIENCY IN PUBLIC RELATIONS JOURNALISM

The Certificate of Proficiency in Public Relations Journalism provides students with the opportunity to earn within the first four semesters of study, a certificate acknowledging their instruction in broadcast journalism. This stackable education sequence enhances a student's employment opportunity and augments any degree program with which it is paired.

#### The Certificate of Proficiency in Public Relations Journalism requires 12 semester credit hours from the following:

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000-4000 level courses.

<sup>&</sup>lt;sup>3</sup>The following courses satisfies Journalism Practicum: JOUR 1411, JOUR 1421, JOUR 1811, JOUR 1821, JOUR 1911, JOUR 1921, JOUR 2411, JOUR 2421, JOUR 2811, JOUR 2821, JOUR 2911, JOUR 2921, JOUR 3411, JOUR 3421, JOUR 3811, JOUR 3821, JOUR 3911, JOUR 3921, JOUR 4411, JOUR 4421, JOUR 4811, JOUR 4821, JOUR 4911, JOUR 4921

<sup>&</sup>lt;sup>4</sup>Seniors enrolled on Multimedia Journalism (MMJR) Accelerated Bachelor's to Master's Degree Programs are suggested to take the following two classes for dual credits for their Journalism BA degree as electives and Multimedia MA degree.

- JOUR 3173
- JOUR 3273
- JOUR 4073
- JOUR 4173

# **DEPARTMENT OF COMMUNICATION & MEDIA STUDIES**

# BACHELOR OF ARTS IN SOCIAL MEDIA INFLUENCING

Those students choosing the Social Media Influencing major must take:

- COMM 1023/JOUR 1023
- COMM 3133
- JOUR 3173
- JOUR 4023
- TH 3263
- TH 4293
- COMM 4823 OR JOUR 4823
- Performance course (3 hours): COMM 2003; COMM 2013; COMM 3063; OR TH 2703

Social Influencing degree anticipates and parallels trends taking place in the professional world, namely, the problem that messages are no longer controlled by the messenger. Film companies, manufacturers, public agencies, for example, nolonger maintain control over their own brand because what influences public perception is not merely the result of advertising, but those who can influence that perception "socially." This program teaches students how to be social influencers-professionals that assist employers in creating perceptions of their products or services. Historically, this has taken the form of testimonials, product placements in film or television, and celebrity advocates. With the rise of alternative media, broadcast platforms, and new technologies, social influencers have replaced old-style tactics of perception formation.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
COMM 1023 or JOUR 1023	3
TECH 1001	1
Elective	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
Elective	3
Total Hours	16

#### **Sophomore**

Fall	Credits
SCIL 1XXX <sup>1</sup>	4

Fall	Credits
Performance Course <sup>4</sup>	3
TH 3263	3
SS 1XXX <sup>1</sup>	3
Elective	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SS 1XXX <sup>1, 2</sup>	3
Social Media Influencing Elective <sup>3</sup>	3
Elective	6
Total Hours	15

# Junior

Fall	Credits
JOUR 3173	3
Social Media Influencing Elective <sup>3</sup>	3
Elective	9
Total Hours	15

Spring	Credits
COMM 3133	3
TH 4293	3
Elective (3000-4000 level)	4
Elective	5
Total Hours	15

# Senior

Fall	Credits
JOUR 4023	3
Elective (3000-4000 level)	9
Elective	3
Total Hours	15

Spring	Credits
COMM 4823/JOUR 4823	3

Spring	Credits
Elective (3000- 4000 level)	6
Elective	3
Total Hours	12

 $<sup>^{\</sup>rm 1}{\rm See}$  appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Certain electives and social sciences are recommended based on student's emphasis.

<sup>&</sup>lt;sup>3</sup>Social Media Influencing Electives include: COMM/JOUR/TH Internship or Practicum, JOUR 2143, JOUR 4073, COMM 3003, COMM 3163, COMM 3263, TH 4563, TH 3803, and other courses approved by advisor.

<sup>&</sup>lt;sup>4</sup>Performance courses include: TH 2703, COMM 2003, COMM 2013, and COMM 3063.

# ENGLISH & WORLD LANGUAGES

# DEPARTMENT OF ENGLISH & WORLD LANGUAGES

The Department of English and World Languages offers majors and teacher licensure in English; certificate programs in Spanish for medical interpretation and teaching English as a second language; and minors in creative writing, English, film studies, French, German, Japanese, Latin American/Latino studies with language proficiency, Latin American/Latino studies without language proficiency, Spanish, Spanish medical Interpretation and teaching English as a second language.

#### **Contact Information**

Dr. Emily Hoffman, Head

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#### **Professors**

Carl Brucker, Jeffrey Cass, Ursula Chandler, Ernest Enchelmayer, Paola Gemme, Stanley Lombardo, Nelson Ramírez, Dana Ward, Sam Worley

**Associate Professors** 

Alejandra Carballo, Erin Clair, Emily Hoffman, Regina St. John

Assistant Professors

Chih-Hsin Hsu, Scott O'Neil, Tori Sharpe, Arwen Taylor, Michael Wang

**Senior Instructor** 

Brent Hogan, Patricia Joselin

Instructors

Gabriele Haulmark, Will Taylor, Elaine Tise

For more information, please visit www.atu.edu/worldlanguages

## BACHELOR OF ARTS WORLD LANGUAGES - SPANISH

The program in world languages helps students grow personally, socially, and professionally. The department works to develop students' learning skills in world languages; to teach students to communicate effectively; to foster cultural understanding, tolerance and world perspective; and to prepare students to live, study, or work in international settings. World languages students are prepared to pursue graduate degrees and a variety of careers in business and industry, communication, education, foreign service, government, and public relations.

Students may choose a degree program in Spanish; pursue studies in Latin; or complete a minor in French, German, Japanese, Latin American/Latino studies with language proficiency, Spanish, and Spanish Medical Interpretation.

#### The degree program in Spanish requires 39 hours.

- SPAN 2013
- SPAN 2023 or SPAN 2033
- SPAN 3003
- SPAN 3013
- SPAN 3123
- SPAN 3133
- SPAN 3213
- SPAN 3233
- SPAN 4023
- SPAN 4213
- SPAN 4223
- 6 credit hours of upper-level Spanish electives

Students with previous world languages experience may petition the Department of English and World Languages for advanced placement and credit. Petitioners will be given written and/or oral examinations by a world languages faculty member who will then recommend an appropriate language

placement level. This placement level will not exceed FR 3013, GER 3013, JPN 3013, or SPAN 3013, and will be approved by the department head. Students who have omitted one or more courses in the basic language sequence will receive credit for omitted courses when they have validated their advanced placement by passing the course into which they are placed with a grade of "C" or better.

Students who want to improve their Japanese language skills and cultural knowledge may do so by studying for a semester or a year at Komazawa University in Tokyo.

# Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
SPAN 2013 <sup>2,3</sup>	3
TECH 1001	1
Total Hours	13

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
SPAN 2023 or SPAN 2033 <sup>2,3</sup>	3
Total Hours	16

# **Sophomore**

Fall	Credits
SS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SPAN 3003	3
Elective <sup>4</sup>	3
Total Hours	16

Spring	Credits
SFHS 1XXX <sup>1</sup>	3
SPAN 3013	3

Spring	Credits
SPAN 3213	3
Elective <sup>4</sup>	6
Total Hours	15

### **Junior**

Fall	Credits
SPAN 3133	3
SPAN 3233	3
Elective <sup>4</sup>	9
Total Hours	15

Spring	Credits
SPAN 3123	3
SPAN 4023	3
SPAN Elective (3000-4000 level)	3
Elective <sup>4</sup>	6
Total Hours	15

### Senior

Fall	Credits
SPAN 4213	3
SPAN Elective (3000-4000 level)	3
Elective <sup>4</sup>	9
Total Hours	15

Spring	Credits
SPAN 4223	3
Elective <sup>4</sup>	12
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# **BACHELOR OF ARTS IN ENGLISH**

For students interested in English for Teacher Licensure, click here.

<sup>&</sup>lt;sup>2</sup>Students with previous study in a foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination.

<sup>&</sup>lt;sup>3</sup>Lab attendance is required for the beginning and intermediate foreign language courses.

<sup>&</sup>lt;sup>4</sup>At least 40 of the total hours required for graduation must be 3000-4000 level.

The program in English seeks to help students express themselves effectively, especially in writing; develop a respect for and an understanding of language; appreciate and profit from a study of our common literary heritage; increase their awareness of and empathy for diverse peoples and cultures; discover the relevance of ideas and values found in their reading; and learn to think critically and evaluate wisely.

English majors are prepared for a variety of careers in advertising, communications, education, government, management, personnel work, public relations, and sales. A degree in English also provides an excellent undergraduate preparation for the student planning to pursue graduate study of business, law, or the humanities.

#### The degree program in English requires 36 semester hours in English

- ENGL 2063
- ENGL 3013, ENGL 3023 or ENGL 4013
- ENGL 3313
- ENGL 3323
- ENGL 3413
- ENGL 3423
- ENGL 4103
- 15 credit hours of English electives

The English major must also complete two semesters of study in one foreign language or have completed two years of language study in high school with grades of "C" or better.

Students who plan to use an English degree as a preparation for law school are encouraged to complete some of the following electives in addition to their required courses:

- BLAW 2033
- CJ 2043/SOC 2043
- CJ 3023/POLS 3023
- CJ 4023
- COMM 2003
- COMM 2111-COMM 2121
- COMM 2173
- JOUR 4123
- PHIL 3073
- PHIL 3103
- POLS 4033
- POLS 4043
- PSY 2003

# Curriculum

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
Beginning Language I <sup>2</sup>	3
TECH 1001	1
Elective <sup>3</sup>	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3

Spring	Credits
SCIL 1XXX <sup>1</sup>	4
Beginning Language II <sup>2</sup>	3
Elective <sup>3</sup>	1
Total Hours	14

# Sophomore

Fall	Credits
ENGL 2063	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
USHG 1XXX <sup>1</sup>	3
English Elective <sup>3</sup>	3
Total Hours	16

Spring	Credits
ENGL 3013 or ENGL 3023 or ENGL 4013	3
SFHS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
ENGL 4103 <sup>4</sup>	3
Elective <sup>3</sup>	3
Total Hours	15

# Junior

Fall	Credits
ENGL 3313	3
ENGL 3413	3
English Elective <sup>3</sup>	3
Elective <sup>3</sup>	6
Total Hours	15

Spring	Credits
ENGL 3323	3
ENGL 3423	3
English Elective <sup>3</sup>	3
Elective <sup>3</sup>	6

Spring	Credits
Total Hours	15

#### Senior

Fall	Credits
English Elective (3000-4000 level) <sup>3,4</sup>	3
Elective <sup>3,4</sup>	12
Total Hours	15

Spring	Credits
English Elective (3000-4000 level) <sup>3,4</sup>	3
Elective <sup>3,4</sup>	13
Total Hours	16

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### BACHELOR OF FINE ARTS IN CREATIVE WRITING

The program in creative writing seeks to help students develop their creative potential, especially in writing; explore the practical aspects of publishing and getting published; learn a respect for and an understanding of language; appreciate and profit from a study of our common literary heritage; increase their awareness of and empathy for diverse peoples and cultures; discover the relevance of ideas and values found in their reading; and learn to think critically and evaluate wisely.

Creative writing majors are prepared for a variety of careers in advertising, communications, education, government, management, personnel work, public relations, and sales. A degree in creative writing also provides an excellent undergraduate preparation for the student planning to pursue graduate study of business, law, or the humanities.

#### The degree program in creative writing requires 45 hours in English:

- ENGL 2043
- ENGL 2063
- ENGL 3043
- ENGL 3073
- ENGL 3083
- ENGL 3093
- ENGL 3313ENGL 3323
- ENGL 3413
- ENGL 3423
- ENGL 4093
- ENGL 4813
- and 9 credit hours of English electives

The creative writing major must complete two semesters in one foreign language or have completed two years of language study in high school with grades of "C" or better.

Students who plan to use a creative writing degree as a preparation for law school are encouraged to complete some of the following electives in addition to their required courses:

• BLAW 2033

<sup>&</sup>lt;sup>2</sup>All minimum college hours (at least two semesters) should be in one language. Students with previous study in a foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination. Students may waive three hours of language requirements for every one year of language study in high school with grades of "C" or better.

<sup>&</sup>lt;sup>3</sup>At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses.

<sup>&</sup>lt;sup>4</sup>Students admitted to the Accelerated BA in English to MA in English Program can substitute twelve (12) hours 5000-6000 level graduate English courses for 12 hours of general electives, English electives, or cross listed 5000-level English courses.

- CJ 2043/SOC 2043
- CJ 3023/POLS 3023
- CJ 4023
- COMM 2003
- COMM 2111- COMM 2121
- COMM 4153
- JOUR 4123
- PHIL 3103
- POLS 4043
- PSY 2003

# Curriculum

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	6
MATH XXXX <sup>1</sup>	3
Beginning Language I <sup>5</sup>	3
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
Beginning Language II <sup>5</sup>	3
Elective <sup>3</sup>	3
Total Hours	16

# **Sophomore**

Fall	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ENGL 2043	3
ENGL 2063	3
Total Hours	16

Spring	Credits
SFHS 1XXX <sup>1</sup>	3

Spring	Credits
ENGL 3043	3
English Elective <sup>2</sup>	6
Elective <sup>3</sup>	3
Total Hours	15

# Junior

Fall	Credits
ENGL 3073	3
ENGL 3093	3
ENGL 3313	3
ENGL 3413	3
Elective <sup>3</sup>	3
Total Hours	15

Spring	Credits
ENGL 3083	3
ENGL 3323	3
ENGL 3423	3
Elective <sup>3</sup>	6
Total Hours	15

## Senior

Fall	Credits
ENGL 4093	3
English Elective <sup>3, 4</sup>	3
Elective <sup>3, 4</sup>	9
Total Hours	15

Spring	Credits
ENGL 4813	3
Elective <sup>3, 4</sup>	9
Total Hours	12

 $<sup>^{\</sup>rm I} See$  appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Any 2-4000 level English courses excluding ENGL 2003, ENGL 2013, ENGL/JOUR 2173, ENGL 2881, and ENGL 4881-4.

<sup>&</sup>lt;sup>3</sup>At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses.

# CERTIFICATE OF PROFICIENCY IN DIVERSITY STUDIES

The Certificate of Proficiency in Diversity Studies prepares students for diverse workplaces and multicultural environments. Teaching students to apply curriculum knowledge directly to consider solutions to help their communities resolve conflicts; thus, to be action-oriented and ethical leaders.

#### The Certificate of Proficiency in Diversity Studies requires the following 15 semester credit hours:

- IPBL 1993
- Twelve (12) hours of Diversity Studies Electives\*

#### **ELECTIVES:** (select 4)

#### **Improving Engagement (select one)**

- ANTH 2003
- ENGL 2003
- HIST 4143
- PS 4643/OL 4643

#### **Uncovering Bias (select one)**

- ENGL 4723
- HIST 4123
- PSY 3083
- SOC 4023

#### Diversity, Equity, Inclusion, and Belonging in Work and Society (select one)

- COMM 3013
- ECON 3013
- GEOG 2023
- RP 3013

#### **Cultural Environments (select one)**

- HIST 4133
- PHIL 2023
- PSY 2133
- SOC 4003

American/Hispanic-American, Woman & Gender Studies, or Culture and Diversity Studies in the fields of history, literature, culture, or representation as reflected in both the course title and the content of the course syllabus.

# CERTIFICATE OF PROFICIENCY IN SPANISH FOR MEDICAL INTERPRETATION

The certificate of proficiency in Spanish for Medical Interpretation provides a structured program for students who plan to work with Spanish speakers in a health-services environment.

# The certificate of proficiency in Spanish for Medical Interpretation requires the following 21 semester credit hours:

- SPAN 2303
- SPAN 2313
- SPAN 3003
- SPAN 3013
- SPAN 3133
- SPAN 3213
- SPAN 3383

<sup>&</sup>lt;sup>4</sup>Seniors admitted to the Accelerated BA in Creative Writing to MA in English Program can substitute twelve (12) hours of the following courses as electives: ENGL 5023, ENGL 5083, ENGL 5093, ENGL 5103, ENGL 5173, ENGL 5213, ENGL 5283, ENGL 5383, ENGL 5483, ENGL 5683, ENGL 5703, ENGL 5713, ENGL 5723.

<sup>&</sup>lt;sup>5</sup>All minimum college hours (at least two semesters) should be in one language. Students with previous study in a foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination. Students may waive three hours of language requirements for every one year of language study in high school with grades of "C" or better.

<sup>\*</sup> The Dean of the College of Arts & Humanities may approve, as requested, additional upper-level courses for inclusion in the certificate curriculum that primarily deal with African-American, Latin-

# CERTIFICATE OF PROFICIENCY IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES

The certificate of proficiency in Teaching English to Speakers of Other Languages will provide a structured program for students who plan to teach English to speakers of other languages in the United States or overseas.

The certificate of proficiency in Teaching English to Speakers of Other Languages requires the following 18 semester credit hours:

- ENGL 3013
- ENGL 3023
- ENGL 4023
- ENGL 4703
- ENGL 4713
- ENGL 4723

And one of the following:

- ENGL 4013
- ENGL 4083
- ENGL 4733
- SPAN 3133
- SPAN 4703

### MINORS IN ENGLISH

# **Creative Writing**

The minor in creative writing provides students who cannot complete a full major with an opportunity to explore their interests in writing.

#### The minor in creative writing requires 18 hours of courses:

- ENGL 2043
- ENGL 3073
- ENGL 3083
- ENGL 3093

#### and 6 hours selected from the following:

- ENGL 2063
- ENGL 2881
- ENGL 3043
- ENGL 4093
- ENGL 4881-4
- ENGL Electives (any 3000 or 4000 level literature course)

#### **English**

The English minor is an excellent complement to any major, allowing students to choose from a wide selection of courses in literature, advanced writing, and linguistics.

#### The minor in English requires 18 hours of English courses:

ENGL Electives (9 hours, excluding ENGL 1013 and ENGL 1023)

ENGL Electives (9 hours of 3000 or 4000 level)

#### **Film Studies**

The film studies minor requires 18 hours of course work selected from the following:

- ENGL 2173/JOUR 2173
- ENGL 3173
- ENGL 3183
- ENGL 4093
- ENGL 4173
- HIST 4163
- SPAN 4803

### Teaching English as a Second Language

The minor in teaching English as a second language offers students an opportunity to add this useful specialization to their transcripts.

The minor in teaching English as a second language requires 18 hours of English and world languages courses:

- ENGL 4023
- ENGL 4703
- ENGL 4713
- ENGL 4723

and 6 hours selected from the following:

- ENGL 3013
- ENGL 3023/FR 3023/GER 3023/SPAN 3023/COMM 3023
- ENGL 4733
- FR 4703/GER 4703/SPAN 4703

# **Minors in World Languages**

#### French

The minor in French is designed for foreign language majors who would like to study an additional language and for students who cannot complete a major in a foreign language, but for employment or other considerations, would like to obtain some basic foreign language competencies and be familiar with the culture of the target language. The minor in French requires 21 hours of courses (all course prerequisites must be met first):

- FR 1013
- FR 1023
- FR 2013
- FR 2023
- FR 3003
- FR 3013
- FR 3113

# German

The minor in German is designed for foreign language majors who would like to study an additional language and for students who cannot complete a major in a foreign language, but for employment or other considerations, would like to obtain some basic foreign language competencies and be familiar with the culture of the target language. The minor in German requires 21 hours of courses:

- GER 1013
- GER 1023
- GER 2013
- GER 2023
- GER 3003 • GER 3013
- GER 3113

#### Japanese

The minor in Japanese is designed for foreign language majors who would like to study an additional language and for students who cannot complete a major in a foreign language, but for employment or other considerations, would like to obtain some basic foreign language competencies and be familiar with the culture of the target language. The minor in Japanese requires 21 hours of courses:

- JPN 1013
- JPN 1023
- JPN 2013
- JPN 2023
- JPN 3003 JPN 3013
- JPN 3113

#### Latin American/Latino Studies with language proficiency

The minor in Latin American and Latino Studies with language proficiency is designed for students who wish to obtain a sufficient background about the Spanish speaking populations in Arkansas and the United States. This minor will be particularly valuable to students who are already bilingual and who plan to work with native Spanish speakers in the health fields, law enforcement, education, and the service sectors. The minor in Latin American and Latino Studies with language proficiency requires 18 hours of courses (all course prerequisites must be met first):

- HIST 3313
- HIST 3323
- HIST 4133

#### AND 9 hours selected from the following:

- SPAN 3123
- SPAN 3133
- SPAN 3143
- SPAN 4213
- SPAN 4223
- SPAN 4803
- SPAN 4991-3

#### Latin American/Latino Studies without language proficiency

The minor in Latin American and Latino Studies without language proficiency is designed for students who wish to obtain a sufficient background about the Spanish speaking populations in Arkansas and the United States, but who do not wish to major in either history or Spanish. This minor will be particularly valuable to students who plan to work with native Spanish speakers in the health fields, law enforcement, education, and the service sectors. The minor in Latin American and Latino Studies without language proficiency requires 18 hours of courses (all course prerequisites must be met first):

- GEOG 3303
- HIST 3313
- HIST 3323
- HIST 4133
- SPAN 1013
- SPAN 1023

#### Spanish

The minor in Spanish is designed for students who cannot complete a major in a foreign language, but for employment or other considerations, would like to obtain some basic foreign language competencies and be familiar with the culture of the target language. The minor in Spanish requires 21 hours of courses:

- SPAN 1013
- SPAN 1023
- SPAN 2013
- SPAN 2023 or SPAN 2033
- SPAN 3003
- SPAN 3013 or SPAN 3113
- SPAN 3123 or SPAN 3133

#### **Spanish Medical Interpretation**

The minor in Spanish Medical Interpretation is designed for students who plan careers in medicine and would like to obtain some basic Spanish competencies and an introduction to medical interpretation theory and Spanish medical terminology. The minor in Spanish Medical Interpretations requires 18 hours of courses (all course prerequisites must be met first):

- SPAN 2303
- SPAN 2313
- SPAN 3003
- SPAN 3013
- SPAN 3133SPAN 3383

# DEPARTMENT OF HISTORY & POLITICAL SCIENCE

Baccalaureate degrees in history, political science, international studies, cultural and geospatial studies, and public history offer excellent preparation for careers in government and education, further study in graduate school or law school, and careers in the private sector of the economy.

#### For students interested in Social Studies for Teacher Licensure, click here.

In addition, the department offers minors in geography, history, military science, philosophy, political science, religious studies, strategic studies and pre-law.

Students must complete 120 hours for graduation with a degree in history, political science, international studies, public history, cultural and geospatial studies, or social studies education.

#### **Contact Information**

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#### Professors

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**Assistant Professors** 

Christopher Housenick, Gregory Michna, Kelsey Utne

For more information, please visit www.atu.edu/history

# BACHELOR OF ARTS IN ANTHROPOLOGY AND GEOGRAPHY

The baccalaureate degree in anthropology and geography prepares students for careers in community development and cultural resources management.

The degree program in anthropology and geography provide students with skills necessary for careers in a wide-range of fields related to community development. These include regional and community planning, economic development, cultural resources management, heritage preservation, ethnographic studies, and geographic information science.

The anthropology and geography degree requires thirty-three semester hours in major curriculum requirements beyond the required General Education curriculum.

### To satisfy General Education requirements, majors are required to take:

- ANTH 1213
- ANTH 2003
- GEOG 2013

#### The thirty-three semester hours required for the degree includes:

- GEOG 2833
- ANTH 2833
- HIST 2203

Those students completing the anthropology track will take an additional course emphasizing qualitative research methods (ANTH 3403) and an upper-level anthropology seminar (ANTH 4983).

Those students completing the geography track will take an additional methods course in geographic information science (GEOG 3403) and a senior level geography seminar (GEOG 4983).

Of the remaining eighteen hours of required anthropology/geography credit, six must come from anthropology and six from geography. Twenty-one of the required thirty-three semester hours must be on the 3000-4000 level.

Majors in this program are also required to take six hours of beginning foreign language courses or obtain the appropriate waiver for high school language study.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
TECH 1001	1
ANTH 1213	3
Elective <sup>2</sup>	2
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
GEOG 2013	3
Elective <sup>2</sup>	6
Total Hours	16

### **Sophomore**

Fall	Credits
Beginning Language I <sup>3</sup>	3
FAH 1XXX <sup>1</sup>	6
HIST 2203	3
ANTH 2003	3
Total Hours	15

Spring	Credits
Beginning Language II <sup>3</sup>	3
SCIL 1XXX <sup>1</sup>	4
GEOG 2833	3
Elective <sup>2</sup>	6
Total Hours	16

### Junior

Fall	Credits
ANTH 2833	3
ANTH 3403 <sup>4</sup> or GEOG 3403 <sup>4</sup>	3
ANTH/GEOG Elective	3
Elective <sup>2</sup>	6
Total Hours	15

Spring	Credits
ANTH Elective (3000-4000 level)	3
GEOG Elective (3000-4000 level)	3
Elective <sup>2</sup>	9
Total Hours	15

### Senior

Fall	Credits
ANTH Elective (3000-4000 level)	3
GEOG Elective (3000-4000 level)	3
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
ANTH 4983 <sup>4</sup> or GEOG 4983 <sup>4</sup>	3
ANTH/GEOG Elective (3000-4000 level)	3
Elective <sup>2</sup>	7
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# **BACHELOR OF ARTS IN HISTORY**

### **General Education Required Courses**

- HIST 1503
- HIST 1513
- HIST 2003
- HIST 2013

Additional courses required for the history degree include,

- POLS 2003
- ECON 2003
- GEOG 2013

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must be in one language. Students may waive three hours of language requirement for every one year of language study in high school with grades of "C" or better.

<sup>&</sup>lt;sup>4</sup>ANTH 3403 and ANTH 4983 or GEOG 3403 and GEOG 4983.

- ANTH 2003 OR SOC 1003
- HIST 2203
- HIST 2513
- HIST 4153
- HIST 4963

Fifteen additional semester hours must be 3000-4000 level history courses with at least six hours in U.S. History, six hours in world/European history, and three hours in public history. Three additional hours must be a 3000-4000 level geography course.

History majors are also required to take six hours of beginning foreign language courses or obtain the appropriate waiver for high school language study.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MATH XXXX <sup>1</sup>	3
TECH 1001	1
HIST 1503	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
HIST 1513	3
Total Hours	16

### **Sophomore**

Fall	Credits
Beginning Language I <sup>6</sup>	3
ANTH 2003 or SOC 1003	3
ECON 2003	3
GEOG 2013	3
HIST 2003	3
Total Hours	15

Spring	Credits
Beginning Language II <sup>6</sup>	3
HIST 2013	3

Spring	Credits
HIST 2513	3
GEOG Elective (3000-4000 level)	3
Elective	3
Total Hours	15

### **Junior**

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2203	3
HIST Elective (3000-4000 level) <sup>3</sup>	3
HIST Elective (3000-4000 level) <sup>4</sup>	3
Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
HIST Elective (3000-4000 level) <sup>5</sup>	3
Elective <sup>2</sup>	12
Total Hours	15

### **Senior**

Fall	Credits
HIST Elective (3000-4000 level) <sup>3,7</sup>	3
Elective <sup>2,7</sup>	12
Total Hours	15

Spring	Credits
HIST 4153	3
HIST 4963	3
HIST Elective (3000-4000 level) <sup>4,7</sup>	3
Elective <sup>2,7</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>HIST class must be in the sub-field of United States History.

<sup>&</sup>lt;sup>4</sup>HIST class must be in the sub-field of European or World History.

<sup>&</sup>lt;sup>5</sup>HIST class must be in the sub-field of Public History

### **BACHELOR OF ARTS IN INTERNATIONAL STUDIES**

The International Studies program is interdisciplinary. The Degree Program in International Studies requires the completion of General Education coursework, foreign language coursework, coursework in the area of concentration, and sufficient electives to complete one hundred and twenty hours with a minimum of forty hours of upper division courses.

Students must follow the established course sequence and prerequisite requirements already defined in the catalog.

International Studies majors must select a foreign language as part of the Common Core.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
HIST 1503, HIST 1513, or GEOG 2013	3
FR 1013, GER 1013, JPN 1013, or SPAN 1013	3
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
HIST 2003	3
POLS 2003	3
FR 1023, GER 1023, JPN 1023, or SPAN 1023	3
Total Hours	16

### **Sophomore**

Fall	Credits
HIST 2013	3
SCIL 1XXX <sup>1</sup>	4
POLS 2403	3
SOC 1003, PSY 2003, or ECON 2003	3
FR 2013, GER 2013, JPN 2013, or SPAN 2013	3

<sup>&</sup>lt;sup>6</sup>Must be in one language. Students may waive three hours of language requirement for every one year of language study in high school with grades of "C" or better.

<sup>&</sup>lt;sup>7</sup>Students admitted to the accelerated BA History to MA History may substitute six (6) hours of 5000 and 6000-level history courses for 4000-level courses.

Fall	Credits
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2413 or POLS 2153	3
POLS 2513	3
World Geography Elective (3000-4000) <sup>6</sup>	3
FR 2023, GER 2023, or SPAN 2023 or SPAN 2033	3
Total Hours	15

# Junior

Fall	Credits
FR 3003, GER 3003, JPN 3003, or SPAN 3003	3
POLS 2253	3
World History Elective (3000-4000 level) <sup>4</sup>	3
World Politics Elective (3000-4000 level) <sup>3</sup>	3
Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
FR 3013, GER 3013, JPN 3013, or SPAN 3013	3
World History Elective (3000-4000 level) <sup>4</sup>	3
World Politics Elective (3000-4000 level) <sup>3</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

### Senior

Fall	Credits
FR 3113, GER 3113, JPN 3113, or SPAN 3123	3
POLS 4963	3
Global Culture Elective (3000-4000 level) <sup>5</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

Spring	Credits
Elective <sup>2</sup>	12

Spring	Credits
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### BACHELOR OF ARTS IN POLITICAL SCIENCE

The political science degree requires thirty nine additional semester hours beyond the General Education requirements and the College of Arts and Humanities foreign language requirement.

#### **Program Requirements**

In the General Education requirements, political science majors are required to take:

- HIST 2003
- HIST 2013
- HIST 1513. OR HIST 1503 OR GEOG 2013
- SOC 1003 OR PSY 2003 OR ECON 2003

Political science majors are required to take six hours of beginning foreign language courses or obtain the appropriate waiver for high school language study.

#### The thirty nine semester hours required for the political science degree include

- POLS 2003
- POLS 2253
- POLS 2513
- POLS 2403
- POLS 2413 OR POLS 2153
- POLS 4963
- · Majors are also required to take 21 additional elective credits in political science, 18 of which are upper level political courses.

#### **Program Recommendations**

It is recommended students pursue one of the six career tracks below based on the types of jobs that are most appealing to them. It is also recommended students work with their advisor to do an internship within their track to give them first-hand experience in a career in their track.

Law School Track: Recommended for students interested in earning their Juris Doctorate in law. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses:

- POLS 3023
- POLS 3043
- POLS 3063
- POLS 3253
- POLS 4043
- POLS 4973
- POLS 4983

Public Policy/Administration Track: Recommended for students interested in political careers in bureaucratic agencies at the local, state or federal level of government, as well as non-profit organizations that lobby government. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses:

- POLS 3033
- POLS 3043
- POLS 3053
- POLS 3083
- POLS 3093
- POLS 3143
- POLS 4973
- POLS 4983

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>World Politics electives (students choose any two courses; 6 credits): POLS 3013; POLS 3433, POLS 3473.

<sup>&</sup>lt;sup>4</sup>World History Elective (students choose any two courses; 6 credits): HIST 3313; HIST 3323; HIST 3463; HIST 3483; HIST 3493; HIST 3503; HIST 3513; HIST 3603; HIST 3613; HIST 3623; HIST 3633; HIST 3703; HIST 3803; HIST 4013; HIST 4083; HIST 4503.

<sup>&</sup>lt;sup>5</sup>Global Culture Elective (students choose any one course; 3 credits): PHIL 2013; PHIL 3053; MUS 4853/ ANTH 4853; ENGL 4283; SOC 4073; POLS 3253/PHIL 3253; POLS 3063/PHIL 3063.

<sup>&</sup>lt;sup>6</sup>World Geography Elective (students choose any one course; 3 credits): GEOG 3303; GEOG 3703; GEOG 3413.

International Relations/Studies Track: Recommended for students interested in careers with non-governmental organizations (NGOs) like the Red Cross, Amnesty International, etc.; political careers working for or with organizations like the United Nations, World Bank, International Monetary Fund (IMF), etc.; or diplomatic careers. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses:

- POLS 3063
- POLS 3423
- POLS 3433
- POLS 3473
- POLS 4973
- POLS 4983

Strategic Studies Track: Recommended for students interested in military studies and careers. These courses are very popular with students pursuing an ROTC program. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses:

- POLS 2153
- POLS 3013
- POLS 3063
- POLS 3423
- POLS 3433
- POLS 3473
- POLS 4973
- POLS 4983

American Politics, Campaigns & Elections Track: Recommended for students interested in careers working on political campaigns, for political parties, for interest groups, or in any of the branches of government at the local, state and federal level. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses:

- POLS 3033
- POLS 3083
- POLS 3093
- POLS 3123
- POLS 3133
- POLS 3143
- POLS 3513 (or SOC 2053, STAT 3153, etc.)
- POLS 4976
- POLS 4983

Political Science Graduate School Track: Recommended for students interested in seeking a master's or doctorate's degree in political science. It is recommended students pursuing this track take at least 18 of their 21 political science credits as follows:

- POLS 3513 (or SOC 2053 for the, STAT 3153, etc.)
- AND 15 credits distributed as follows among these three blocks:

American Government Course (6 Credits):

- POLS 3023
- POLS 3043
- POLS 3053
- POLS 3083
- POLS 3093 • POLS 3123
- POLS 3133
- POLS 3143

International Relations Course (6 credits):

- POLS 3013
- POLS 3423
- POLS 3433
- POLS 3473

Political Theory Course (3 credits):

- POLS 3063
- POLS 3253
- POLS 4043
- POLS 4973
- POLS 4983

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
HIST 1503, HIST 1513, or GEOG 2013	3
SOC 1003, PSY 2003, or ECON 2003	3
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
HIST 2003	3
POLS 2003	3
Elective <sup>2</sup>	3
Total Hours	16

# Sophomore

Fall	Credits
HIST 2013	3
SCIL 1XXX <sup>1</sup>	4
Beginning Language I <sup>3</sup>	3
POLS 2253	3
POLS 2513	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
Beginning Language II <sup>3</sup>	3
POLS Elective <sup>4</sup>	6
Elective <sup>2</sup>	3
Total Hours	15

### Junior

Fall	Credits
POLS 2403	3
POLS Elective <sup>4</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
POLS 2413 or POLS 2153	3
POLS Elective <sup>4</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

#### Senior

Fall	Credits
POLS Elective <sup>4</sup>	9
Elective <sup>2</sup>	6
Total Hours	15

Spring	Credits
POLS 4963	3
Elective <sup>2</sup>	9
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must be in one language. Students may waive three hours of language requirement for every one year of language study in high school with grades of "C" or better.

<sup>&</sup>lt;sup>4</sup>Majors are also required to take 21 additional elective credits in political science, 18 of which are upper level political courses. It is recommended students pursue one of the six career tracks below based on the types of jobs that are most appealing to them:

<sup>\*</sup>Law School Track: Recommended for students interested in earning their Juris Doctorate in law. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses: POLS 3023, POLS 3043, POLS 3063, POLS 3253, POLS 4043, POLS 4973, POLS 4983.

<sup>\*</sup>Public Policy/Administration Track: Recommended for students interested in political careers in bureaucratic agencies at the local, state or federal level of government, as well as non-profit organizations that lobby government. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses: POLS 3033, POLS 3043, POLS 3053, POLS 3083, POLS 3093, POLS 3143, POLS 4973, POLS 4983.

<sup>\*</sup>International Relations/Studies Track: Recommended for students interested in careers with non-governmental organizations (NGOs) like the Red Cross, Amnesty International, etc.; political careers working for or with organizations like the United Nations, World Ban, International Monetary Fund (IMF), etc.; or diplomatic career. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses: POLS 3063, POLS 3423, POLS 3433, POLS 3473, POLS 4973, POLS 4983.

<sup>\*</sup>Strategic Studies Track: Recommended for students interested in military studies and careers. These courses are very popular with students pursuing an ROTC program. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses: POLS 2153, POLS 3013, POLS 3063, POLS 3423, POLS 3433, POLS 3473, POLS 4973, POLS 4983.

<sup>\*</sup>American Politics, Campaigns & Elections Track: Recommended for students interested in careers working on political campaigns, for political parties, for interest groups, or in any of the branches of government at the local, state and federal level. It is recommended students pursuing this track take at least 18 of their 21 political science credits from the following list of courses: POLS 3033, POLS 3083, POLS 3093, POLS 3123, POLS 3133, POLS 3143, POLS 3513 (or SOC 2053, STAT 3153, etc.), POLS 4976, POLS 4983.

\*Political Science Graduate School Track: Recommended for students interested in seeking a master's or doctorate's degree in political science. It is recommended students pursuing this track take at least 18 of their 21 political science credits as follows: POLS 3513 (or SOC 2053, STAT 3153, etc.), AND 15 credits distributed as follows among these three blocks:

American Government Course (6 Credits): POLS 3023, POLS 3043, POLS 3053, POLS 3083, POLS 3093, POLS 3123, POLS 3133, POLS 3143. International Relations Course (6 credits): POLS 3013, POLS 3423, POLS 3433, POLS 3473.

Political Theory Course (3 credits):POLS 3063, POLS 3253, POLS 4043, POLS 4973, POLS 4983.

### BACHELOR OF ARTS IN PUBLIC HISTORY

The baccalaureate degree in public history prepares students for careers in historic preservation as well as museum and archive management.

The public history degree requires forty eight (48) additional semester hours beyond the General Education requirements and the College of Arts and Humanities foreign language requirement.

#### **General Education Required Courses**

- HIST 1503
- HIST 1513
- HIST 2003
- HIST 2013

Public history majors are required to take six (6) hours of beginning foreign language courses or obtain the appropriate waiver for high school language

#### The fifty-four (54) semester hours required for the public history degree include:

- Three (3) hours of 3000-4000 level GEOG electives
- Six (6) hours of 3000-4000 level HIST electives
- POLS 2003
- **ANTH 2003**
- HIST 2203
- HIST 2513
- HIST 4153
- HIST 4973
- Eighteen (18) semester hours of 3000-4000 level history courses with nine (9) hours in U.S. History and nine (9) hours in world/European history Select nine (9) hours of Public History Core from the following list:
  - HIST 3223
  - HIST 3243
  - HIST 3273
  - HIST 4293
  - HIST 4403/ANTH4403/MUSM 4403

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH IXXX <sup>1</sup>	3
TECH 1001	1
HIST 1503	3
Elective <sup>2</sup>	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ANTH 2003	3
POLS 2003	3
HIST 1513	3
Total Hours	16

# Sophomore

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
Beginning Language I <sup>5</sup>	3
HIST 2003	3
Elective <sup>2</sup>	5
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
Beginning Language II <sup>5</sup>	3
HIST 2013	3
HIST 2203	3
HIST 2513	3
Total Hours	15

# Junior

Fall	Credits
GEOG Elective 3000-4000 level	3
Public History Core <sup>6</sup>	3
HIST Elective 3000-4000 level	3
HIST 4153	3
HIST Electives <sup>4</sup>	3
Total Hours	15

Spring	Credits
Public History Core <sup>6</sup>	3
HIST Elective <sup>3</sup>	3

Spring	Credits
HIST Electives <sup>4</sup>	6
Elective	3
Total Hours	15

#### Senior

Fall	Credits
Public History Core <sup>6</sup>	3
HIST Elective 3000-4000 level	3
HIST Elective <sup>3</sup>	6
Electives	4
Total Hours	16

Spring	Credits
HIST 4973	3
Electives <sup>2</sup>	9
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### MINORS AVAILABLE

### Geography

The minor in geography is designed to allow students who have successfully completed eighteen or more hours in geography the opportunity to have their transcripts noted with a statement certifying such accomplishment.

Students must have a minimum 2.00 grade point average in their geography courses to be eligible for a geography minor.

Students wishing to obtain a minor in geography must complete:

- GEOG 2013
- GEOG 2023
- GEOG Electives (12 hours with no more than 3 hours in GEOG 4993)

### History

The minor in history is designed for those students majoring in other disciplines who wish to increase the breadth and depth of their knowledge of the human past. This minor is particularly well suited for students who are interested in criminal justice, international studies, and foreign languages. The discipline of history satisfies our shared desire to know more about ourselves, and students can tailor the curriculum of the minor to meet their specific interests. Students must have a minimum of 2.00 grade point average in history courses to be eligible for a history minor. The minor in history requires 18 hours of courses:

- HIST 1503 or HIST 1513
- HIST 2003 or HIST 2013
- HIST Electives (12 hours of 3000 4000 level)

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000-4000 level courses.

<sup>&</sup>lt;sup>3</sup>HIST class must be in the sub-field of United States History.

<sup>&</sup>lt;sup>4</sup>HIST class must be in the sub-field of European or World History.

<sup>&</sup>lt;sup>5</sup>Must be in one language. Students may waive three hours of language requirement for every one year of language study in high school with grades of "C" or better.

<sup>&</sup>lt;sup>6</sup> HIST 4403/MUSM 4403/ANTH 4403, HIST 3223, HIST 3243, HIST 3273, HIST 4293

### **Military Science**

The minor in military science is awarded to students who complete the Reserve Officer's Training Corps (ROTC) Program at Arkansas Tech University. The objective of the program is to provide a basic military education and, in conjunction with the goals of the University, to develop individual attributes essential to an Army officer. Instruction covers military fundamentals common to all branches of the military service. Students must have a minimum of a 2.00 grade point average in the required 21 hours to be eligible for a military science minor. Students wishing to obtain a minor in military science must complete:

- MS 1101
- MS 1111
- MS 2312
- MS 2402
- MS 3503
- MS 3603
- MS 4703
- MS 4803
- MS 4013 or HIST 4013

### Philosophy

The minor in philosophy is designed for those students who wish to broaden their study of the nature of knowledge. This minor is particularly well suited for students who wish to prepare for graduate work or law school. In addition to the academic benefits, the study of philosophy can make an important contribution to the well-lived life. Students can tailor the curriculum of the minor to meet their specific interests. Students must have a minimum 2.00 grade point average in their philosophy courses to be eligible for a philosophy minor.

The minor in philosophy requires 18 hours of any philosophy courses.

### **Political Science**

The minor in political science is designed for anyone interested in politics, law, and government and is particularly well suited for students who are interested in criminal justice, international studies, journalism, business, and emergency management. Students can tailor the curriculum of the minor along either a national or international focus. Students must have a minimum 2.00 grade point average in their political science courses to be eligible for a political science minor.

### The minor in political science requires 18 hours of courses:

- POLS 2253
- POLS 2413 or POLS 2403
- POLS 2513
- POLS 3123 or POLS 3133 or POLS 3143
- 6 hours in any 3000 or 4000 level political science courses

#### Pre-Law

The pre-law minor program's objective is to prepare students for entrance to and advanced study at law school or alternative careers in the legal profession (e.g. legal aide, court reporter, paralegal, etc.) upon graduation through the development of writing, analytic and logical reasoning, and research skills key to the study and practice of law.

#### The minor in pre-law requires 21 hours of courses:

- COMM 2003
- ENGL 2043 or ENGL 2053
- PHIL 3103
- POLS/CJ 3023 or POLS 3043
- POLS 4043

and 6 hours selected from the following:

- BLAW 2033
- CJ 4023

#### Department of History & Political Science

- HIST 3023
- HIST 4183
- MGMT 3123
- PHIL 2053
- PHIL 3073
- POLS 4033

### **Religious Studies**

The minor in religious studies is designed to provide students with the opportunity to learn about religion in cross-cultural and historical perspectives. The required courses are designed to provide a comparative perspective on world religions and to develop an appreciation of both the origins and contemporary expressions of different religions. This minor is particularly well suited for students in the humanities and social sciences as well as students in other disciplines who want to deepen their understanding of the role of religion in contemporary life.

Students must have a minimum of 2.00 grade point average in the required 18 hours to be eligible for a religious studies minor:

- ANTH 2003
- HIST 1503
- HIST 4503
- PHIL 2013
- PHIL 3053
- SOC 4073

### **Strategic Studies**

The minor in strategic studies is designed for those students who wish to increase the breadth and depth of their knowledge of the principles that have played a major role in shaping our understanding of foreign and security policy. This minor is particularly well suited for students who are interested in international studies, emergency management, political science, diplomatic history, military science, and international law.

#### Students wishing to obtain a minor in strategic studies must complete:

- POLS 2153
- POLS 2413
- POLS 3013
- POLS 3473

and any two of the following courses:

- EAM 3013
- EAM 3243
- ECON 4093
- GEOG 4803
- HIST 4013
- HIST 4023
- HIST 4083
- HIST 4813

Students must have a minimum 2.00 grade point average in the required 18 hours to be eligible for a strategic studies minor.

### PRE-LAW PRE-PROFESSIONAL PROGRAM

Accredited law schools have not, in general, adopted specific requirements for pre-law courses. However, in most cases, courses of value to those planning the study of law include: history, economics, political science, philosophy, psychology, sociology, English composition, and literature, as well as courses in the natural sciences, mathematics, and accounting. A broad cultural background is of prime importance.

Rather than attempt to prescribe the specific contents of courses to be taken by pre-law students, Arkansas Tech University considers the individual intellectual interests of students of prime importance, encouraging development of the ability to read and comprehend accurately, rapidly, and thoroughly; to think logically; to analyze and weigh situations and materials; to speak and write clearly; and to develop a critical approach and mature study habits.

The pre-professional curriculum is not a major in itself. Pre-law students must declare a major for graduation selected from any degree currently offered at Arkansas Tech University. Among general electives in the chosen major, or in excess of the 120 hours required for graduation, **pre-law students** are **urged to take the courses listed below** to prepare them for the LSAT and law school.

Many pre-law students choose to major in history or political science, and pre-law advisors are located in the Department of History and Political Science. Students should consult these listed pre-law advisors regardless of their chosen major, as these advisors specifically help students design a good pre-law curriculum.

### **Recommended Curriculum in Pre-Law**

BLAW 2033	PHIL 3103
CJ 2043/SOC 2043	POLS 2003
CJ 4023	POLS 3023/CJ 3023
ENGL 3043	POLS 4043
JOUR 4123	PSY 2003
PHIL 3023	COMM 2003
PHIL 3063/POLS 3063	COMM 2111-COMM 2121
HIST 4183	COMM 4153
	PHIL 3073

# **DEPARTMENT OF MUSIC**

The mission of the Arkansas Tech University Music Department is to provide a creative, collaborative environment where quality music instruction inspires student success and performance excellence in order to enhance the quality of life throughout the community and region.

The Department of Music has an established reputation for the superior quality of the music teacher preparation program and for high standards in musical performance. Arkansas Tech University is an accredited institutional member of the National Association of Schools of Music.

#### The goals of the music department are:

- 1 .To provide excellence in music instruction;
- 2. To provide music instruction for students desiring to pursue music-related studies as a major, as preparation for graduate music studies, and as preparation for a career in music;
- 3. To provide music curricula leading to the Baccalaureate of Arts with a major in music;
- 4 To provide the necessary and desirable professional preparation for the training of accredited music teachers for public schools (Baccalaureate in Music Education);
- 5. To provide opportunities for meaningful professional growth through direct involvement in musical performance;
- 6. To provide educational and artistic service to students, the institution, the community, and the region;
- 7 .To encourage creative work and research; and
- 8 .To dedicate policies and resources for effectiveness in departmental programs.

An audition, demonstrating acceptable musical preparation, is required prior to enrollment as a major in music.

All music majors must demonstrate acceptable piano proficiency or enroll in class or applied piano each semester until successful completion of the appropriate Keyboard Proficiency Exit Exam. The fee for class piano is \$10 per semester. All music majors are required to attend a prescribed number of campus concerts and recitals. Successful completion of 6 semesters of recital attendance is required.

Private instruction in the student's major performance area is required of all music majors. Such study involves one one-hour lesson and 12 hours of practice per week and carries two semester hours of credit. Students may elect enrollment as a non-major, subject to faculty availability. Such study involves one thirty-minute lesson, 6 hours of practice per week, and assigned ensemble participation. A fee of \$60 per semester credit hour is assessed for all applied music study.

#### **Contact Information**

Dr. Jeffrey Bright, Head

Witherspoon Hall Room 206 (479) 968-0369 jbright6@atu.edu

#### **Professors**

Daniel Belongia, Jeff Bright, Jon Clements, Phillip Parker, Timothy Smith

#### **Associate Professors**

Barbara Clements, Nicolas del Grazia, TJ Perry, Sean Reed

#### **Assistant Professors**

Christopher Harris, Nathan Mensink, Jon Nash, Phoebe Robertson, Mary Trotter

For more information, please visit www.atu.edu/music

### **BACHELOR OF ARTS IN MUSIC**

An audition, demonstrating acceptable musical preparation, is required prior to enrollment as a major in music.

#### To meet the requirements for the baccalaureate degree in music, the student must complete 120 semester hours, including

- · 8 hours of applied music and successful completion of the Sophomore Barrier and Keyboard Proficiency Exams,
- 4 hours in required ensembles (band or choir),
- 16 hours in music theory and ear training; and
- 8 hours of music history.

See the Department of Music page for additional requirements.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
MUS 1000	0
MUS 12 5,7,10	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1501, MUS 1571, or MUS 1681 <sup>3</sup>	1
MUS 1713	3
MUS 1731	1
MUS 1751	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MUS 1000	0
MUS 12 <sup>5,7,10</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1501, MUS 1571, or MUS 1681 <sup>3</sup>	1
MUS 1723	3
MUS 1741	1
Piano Exit Exam <sup>4</sup>	0
Total Hours	14

# Sophomore

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
Beginning Language I <sup>1</sup>	3
MUS 1000	0
MUS 12 <sup>5,7,10</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1

Fall	Credits
MUS 1501, MUS 1571, or MUS 1681 <sup>3</sup>	1
MUS 2713	3
MUS 2731	1
Total Hours	15

Spring	Credits
SCIL 1XXX <sup>1</sup>	4
Beginning Language II <sup>1</sup>	3
MUS 1000	0
MUS 12 <sup>5,7,10</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1501, MUS 1571, or MUS 1681 <sup>3</sup>	1
MUS 2723	3
MUS 2741	1
MUS 1440	0
MUS 2000 <sup>6</sup>	0
Total Hours	15

### Junior

Fall	Credits
SS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MUS 3000	0
MUS 3773	3
Elective <sup>8, 9</sup>	7
Total Hours	16

Spring	Credits
SFHS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MUS 3000	0
MUS 3783	3
Elective 8,9	7
Total Hours	16

#### Senior

Fall	Credits
MUS 3692	2
Elective <sup>8, 9</sup>	14
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
Elective 8,9	10
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### **BACHELOR OF MUSIC EDUCATION**

In order to meet the requirements for the baccalaureate degree in music education, students must complete 129 semester hours as indicated in the appropriate music education curriculum.

Instrumental and keyboard music education majors must complete one semester of class voice. A senior recital is required.

See the Department of Music page for additional requirements.

### **Music Education Options for Teacher Licensure**

Instrumental Music

Keyboard Instrumental Music

Keyboard Vocal Music

Vocal Music

### CERTIFICATE OF PROFICIENCY IN PERFORMANCE

The Certificate of Proficiency in Performance provides students with the opportunity to earn within the first four semesters of study, a certificate acknowledging their instruction in the art of performance. This stackable education sequence enhances a student's employment opportunity and augments any degree program with which it is paired.

The certificate of proficiency in Performance requires 12 semester credit hours from the following electives:

- COMM 1111
- COMM 1121
- COMM 2003

<sup>&</sup>lt;sup>2</sup>Piano (MUS 1441 or MUS 1201) to be taken each semester until completion of Piano Exit Exam. Students completing the exam upon entrance may substitute music elective hours for the requirement.

<sup>&</sup>lt;sup>3</sup>Enrollment in MUS 1501, MUS 1571, or MUS 1681 to be selected by advisor. Only one credit per semester may be used for completion of major ensemble requirement.

<sup>&</sup>lt;sup>4</sup>Successful completion required for graduation.

<sup>&</sup>lt;sup>5</sup>Vocal majors are encouraged to enroll in Vocal Diction (MUS 1191, MUS 2191) for elective credit.

<sup>&</sup>lt;sup>6</sup>Successful completion required for enrollment in upper-level applied study for two hour credit and for completion of all music degrees.

<sup>&</sup>lt;sup>7</sup>Concurrent enrollment is required for applied study in appropriate MUS 1501, MUS 1571 or MUS 1681.

<sup>&</sup>lt;sup>8</sup>Elective courses to obtain a minimum of sixty-six non-music hours (21-23 in addition to General Education and Foreign Language hours).

<sup>&</sup>lt;sup>9</sup>Elective courses to obtain a minimum of forty 3000/4000 level hours (32 in addition to music history hours).

 $<sup>^{10}</sup>$ See course descriptions for the appropriate applied music course number.

<sup>&</sup>lt;sup>11</sup>Must be in one language. Students may waive three hours of language requirements for every one year of language study in high school with grades of "C" or better.

- COMM 2011
- COMM 2013
- COMM 2021
- COMM 2111
- COMM 2121
- COMM 2173
- ENGL 2043
- JOUR 1811
- JOUR 1821
- JOUR 2811
- JOUR 2821
- MUS 1301
- MUS 1311
- MUS 1501
- MUS 1511
- MUS 1521
- MUS 1531
- MUS 1541
- MUS 1551
- MUS 1571
- MUS 1581
- MUS 1611
- MUS 1631
- MUS 1681
- POLS 3433
- SEED 2002
- TH 2273
- TH 2301
- TH 2331 • TH 2703
- TH 2711
- TH 2713
- TH 2721

# COLLEGE OF BUSINESS & ECONOMIC DEVELOPMENT

### COLLEGE OF BUSINESS AND ECONOMIC DEVELOPMENT

### **Departments**

- · School of Business
- · Agriculture & Tourism

The College of Business and Economic Development is the home of the School of Business and the two leading business industries in Arkansas: Agriculture and Tourism. The School of Business offers general programs in Accounting, Finance, Business Data Analytics, Digital Marketing, Management, and Health Information Management. The Department of Agriculture and Tourism offers specialized degrees in the areas of Agriculture, Recreation and Park Administration, and Hospitality Administration. The department also contains a working cattle/swine farm operation and an industrial kitchen where students receive hands-on training in their respective fields.

### **School of Business**

The mission of the School of Business at Arkansas Tech University is to offer dynamic academic programs that enable our graduates to add value at all levels of employment. These programs will emphasize business acumen, experiential learning, development of interpersonal skills, and a solid foundation in both ethical and data-driven decision making.

The School of Business offers majors in six different fields, along with five certificate programs, five minors, and an Associate Degree. The objective of all degree programs is to offer an academic base that equips students to be life-long learners who will then mature as professionals in the world of business.

Students who plan to pursue graduate studies should consider the Accelerated Bachelor to MBA degree. Students in this program are allowed to enroll in graduate courses during their senior year of undergraduate study and have those courses count for BOTH their undergraduate and MBA degree. Faculty advisors will work closely with you in planning your course work within this program.

Bachelor of Science in Business Administration (BSBA) is offered in the following areas:

Accounting **Business Data Analytics Business Management** Digital Marketing Finance

The Bachelor of Science in Business Administration degree programs offered by the College of Business and Economic Development are accredited by AACSB International - The Association to Advance Collegiate Schools of Business. AACSB International is the premier accrediting agency for business schools, stressing academic excellence and a commitment to continuous improvement. Approximately one third of the business schools in the United States and several selected schools internationally have earned AACSB International accreditation.

**Bachelor of Science in Health Information Management** 

Health Information Management

The Health Information Management Program is accredited by the Commission on the Accreditation for Health Informatics and Information Management Education (CAHIIM) in cooperation with the American Health Information Management Association's Council on Accreditation.

Minors are offered in the following areas:

Accounting Business and Entrepreneurship **Business Data Analytics Economics Business Administration** 

Certificates are offered in the following area:

Human Resource Management Data Analytics Entrepreneurship **Business Administration** Microsoft Applications

### **Department of Agriculture & Tourism**

The mission of the Department of Agriculture & Tourism is to offer dynamic programs grounded in experiential learning that enable our graduates to add value to the agriculture and tourism industries. These programs will emphasize technical knowledge, leadership and community development, while embracing diversity and promoting healthy lifestyles.

The Department of Agriculture & Tourism offers majors in four different fields, with a total of 11 options/emphases areas, along with three minors, and two certificates. The objective of all degree programs is to offer an academic base that equips students to be life-long learners who will then mature as professionals in the agriculture or tourism industries. The BS in Agricultural Education is accredited by the Council for the Accreditation of Educator Preparation (CAEP); the BS in Hospitality Administration is accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA); and the BS in Recreation & Park Administration is accredited by the Council on Accreditation – Parks, Recreation, Tourism and Related Professions (COAPRT).

The Bachelor of Science (BS) in Agriculture Business is offered in the following options:

Agriculture Business Animal Science Horticulture Pre-Veterinary Medicine

A Bachelor of Science (BS) is also offered in Agricultural Education which leads to teacher licensure (7-12) in the state of Arkansas.

Agricultural Education

Bachelor of Science (BS) in Hospitality Administration is offered in following emphases:

**Event Management** Foodservices Management Lodging Management

Bachelor of Science (BS) in Recreation & Park Administration is offered in the following options:

Interpretation Natural Resource Recreation Sport Management Therapeutic Recreation

Minors are offered in the following areas:

Agriculture Hospitality Administration Recreation and Park Administration

Certificates are offered in the following areas:

Certificate of Proficiency in Casino and Gaming Industry Technical Certificate in Casino and Gaming Industry Management

# SCHOOL OF BUSINESS

### BACHELOR OF SCIENCE IN HEALTH INFORMATION MANAGEMENT

The degree program in health information management prepares the student for a professional career as an active member of the modern health-care team. In this age of increased computerization and data analysis, the health information management field is an exciting new area with virtually unlimited possibilities.

The health information management administrator is an expert in the world of health record systems. He/she is responsible for obtaining complete health records for use in research; for gathering statistical information on which to base long-range health planning goals; for determining the legitimacy of requests for confidential medical information; for controlling the circulation and integrity of health records; and, as department head, is responsible for efficiency of the health information department employees in the performance of daily activities.

### **About Health Information Management**

The health information department in a medical facility has in its care all the documentation regarding patient-care, physician as well as ancillary information. Responsibility for data validity and integrity play a major role in the health information profession. He/she must be progressive, conscientious, tactful, and knowledgeable, as much work is accomplished in cooperation with other allied health professionals. Above all, the health information professional must adhere to the Code of Ethics of the American Health Information Management Association and to the appropriate institutional behavioral codes that apply.

Professional practice is scheduled at affiliated hospitals in nearby cities for a period of six hours per week during the fall and spring semesters for senior HIM majors. The management affiliation may be assigned to a health care facility for four weeks (40 hours per week) and normally occurs in the summer immediately following the senior year. Students are responsible for all transportation and lodging expenses during these assignments; however, every effort will be made to minimize such costs.

Students must make at least a "C" in each of the professional courses and demonstrate their proficiency in professional practice and management-affiliation. Upon successful completion of the program, the student is granted a Bachelor of Science degree in health information management and becomes eligible to write the national certification examination. The student already holding a baccalaureate degree may apply for the HIM program as specified in the Application Guidelines and work toward another baccalaureate degree provided the pre-professional course of study has been completed to establish eligibility to write the national certification examination. Registered health information technicians are urged to contact the Program Director for information regarding RHIA progression. The national certification examination is offered year-round by the American Health Information Management Association.

Special instructions for transfer students: transfer of courses to meet specific Health Information Management Program requirements have a grade of at Least C. Lower-level courses (numbered in the 1000's and 2000's) from other institutions cannot be transferred to meet upper-level (3000-4000) HIM course requirements; however, they may be used as general electives. There are some challenging exams available for some course credit. Transfer of upper-level courses to meet HIM requirements is subject to validation by the HIM Program.

### **Program Application Guidelines**

- 1 .Application for upper level professional HIM courses must be on file with the HIM Program Director by February 15th prior to the year you wish to take HIM courses.
- 2 .To be eligible for application interview, the following must be on file: Application, current copy of all applicable transcripts, including a cumulative GPA of 2.5 on a 4.0 scale, and COMPASS/ACT scores.
- 3 .Applicants may be required to complete an interview with an interview team. Consideration will be given to areas such as:
  - · Dedication and perseverance
  - Aptitude
  - · Knowledge of HIM profession
  - Professional appearance
  - Flexibility
  - Realistic career goals
  - True desire to enter HIM profession
  - Ability to finish HIM program within prescribed time
- 4 .Candidates will be ranked based on GPA and number of prerequisite courses completed. The top twenty will be selected. A ranked order waiting list will be maintained by the HIM Program Director.
- 5 .Candidates will be notified prior to pre-registration for the fall semester. If accepted, candidates must return a signed statement acknowledging acceptance. Candidates must register for courses indicated on the degree plan. Any change in degree plan requires approval of the student's HIM faculty advisor. Candidates must notify the program director of change in degree choice.
- 6 .A late application deadline of August 15th will be observed if positions are available. Late applicants will be notified as soon as possible or during the week of late registration.
- 7 .If a candidate fails a course that would preclude graduation, or does not earn at least a "C" in HIM courses, reapplication to the HIM Program will be required.

The Health Information Management Program is accredited by the Commission on the Accreditation for Health Informatics and Information Management Education (CAHIIM).

### Sara Daniel, Director

Rothwell, Room 453 (479) 498-6073 sdaniel8@atu.edu

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX	3
MATH 1113	3
TECH 1001	1
AHS 2013	3
Total Hours	13

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
BUAD 2003	3
COMM 2003 or COMM 2173	3
Total Hours	13

# **Sophomore**

Fall	Credits
USHG 1XXX <sup>1</sup>	3
BDA 2003	3
BIOL 2004	4
AHS 1023 or Elective	3
Total Hours	13

Spring	Credits
SS 1XXX	3
FAH 1XXX <sup>1</sup>	6
COMS 2233	3
AHS 1023 or Elective	3
Elective	1

Spring	Credits
Total Hours	16

### Junior

Fall	Credits
MGMT 3003	3
PSY 2053/SOC 2053 or STAT 2163	3
HIM 3023	3
HIM 3153	3
HIM 4153	3
Total Hours	15

Spring	Credits
MGMT 3023 or HA 3113/RP 3113	3
HIM 3033	3
HIM 3043	3
HIM 3132	2
HIM 3133	3
Total Hours	14

### Senior

Fall	Credits
HIM 4034	4
HIM 4063	3
HIM 4093	3
HIM 4182	2
HIM 4983	3
Total Hours	15

Spring	Credits
MGMT 4013	3
HIM 4073	3
HIM 4083	3
HIM 4203	3
HIM 4292	2
Total Hours	14

### Summer

Summer	Credits
HIM 4892	2
HIM 4895	5
Total Hours	7

 $<sup>^{1}\</sup>mathrm{See}$  appropriate alternatives or substitutions in "General Education Requirements".

# MANAGEMENT AND MARKETING

### DEPARTMENT OF MANAGEMENT & MARKETING

The Department of Management and Marketing offers majors in business data analytics, management, marketing and business education. Decision making as a process is stressed. Students are taught to search for and identify important facts and properly analyze them in developing sound alternative courses of action. Modern analytical techniques as well as the importance of the behavioral sciences are introduced.

### **Contact Information**

Dr. Kevin Mason, Head

Rothwell Hall, Room 432 (479) 968-0492 kmason@atu.edu

Professors

Linda Bean, Stephen Jones, Kevin Mason, Jack Tucci, James Walton

**Associate Professors** 

Matt Brown, Loretta Cochran, Efosa Idemudia

Assistant Professors

Alice Batch, John Narcum, Kuldeep Singh

For more information, please visit https://www.atu.edu/business/programs\_management.php

# SCHOOL OF BUSINESS

The School of Business is committed to preparing students for meaningful careers in business, industry, government or education; or for admission to and success in quality graduate programs. This commitment is founded on the belief that graduates from the School should have a strong background in the liberal arts as a basis for a mature understanding of the problems of business leadership and management. The objective of the general education curriculum required of all School of Business majors is to ensure they acquire a knowledge and understanding of topics in the humanities, sciences, communications, social sciences and other related subjects to support a lifetime of continual learning.

The faculty believe that teaching excellence and the currency of subject matter are best maintained through ongoing professional interaction with peers and the business community. In support of its mission, the faculty participates in service and engages in scholarly activities oriented towards professional practice and pedagogical research.

School of Business faculty and students use current technology to equip students with the necessary business competency skills needed to be successful leaders in business. Students and faculty are encouraged to participate actively in the learning process. A high degree of faculty-student interaction is sought through the management of class sizes and individualized advising. The School adheres to high levels of ethical conduct and promotes this ideal to its students as they prepare for personal and professional success in an evolving global business environment.

#### Our Mission

The mission of the School of Business at Arkansas Tech University is to offer dynamic academic programs which enable our graduates to add value at all levels of employment. These programs will emphasize business acumen, experiential learning, development of interpersonal skills, and a solid foundation in both ethical and data-driven decision making.

#### **Our Guiding Principles**

- We believe that a quality graduate possesses business competencies and intellectual foundations for lifelong learning.
- · We believe that our students and graduates should behave ethically in both their personal and professional conduct.
- We believe that faculty, staff, and administrators, should encourage a welcoming, but respectful relationship with students in and out of the classroom.
- We believe that a quality graduate, in part, is the end product of quality faculty.
- We believe that quality faculty teach beyond the classroom.
- We believe that a quality faculty member is also a lifelong learner and contributes to the life of the profession, institution, and community.
- We believe that our faculty, staff, and students need to conduct themselves in an ethical, professional, and business-like manner.
- We believe that professionalism and quality will help us to protect our brand in a competitive marketplace.
- We believe that our program should always fulfill the highest of accreditation standards, holding students to consistently rigorous levels of academic quality.
- We believe that our quality is judged by our stakeholders: the business community, the state of Arkansas, and our past, present and future students. The School is committed to:
  - High-quality undergraduate learning and faculty development.
  - Highest ethical standards of personal and professional conduct for faculty, students and administrators. Professionalism includes maintaining faculty intellectual qualifications and expertise at levels which support the school's mission.
  - Cooperative interaction among students and faculty to achieve the school's mission.
  - A systems approach to continuously improve all aspects of the learning process. This includes feedback from major stakeholders and a spirit of
    experimentation.

#### **Experiential Learning**

The School of Business at ATU offers more than the typical lecture/exam type of education. With an emphasis on hands-on, experiential learning, the School incorporates consulting projects for real businesses, simulations, case-based learning, and internships so the student practices what they are learning as they are learning it. Each semester a junior or senior level student is involved in at least one course that includes experiential learning activity, as designated by the professor, a non-credit course will be included on the student's academic transcript.

#### Learning Goals

Students who major in any of the bachelor degree programs in the School of Business are required to complete a common core of business courses. The common learning goals of the BSBA degree include the following. Students:

- 1 .Use technology to support business decisions.
- 2 .Demonstrate communication skills in a business context.
- 3 .Interact professionally with other students, professors, and future employers.
- 4 .Use an ethical decision-making framework in a business context.
- 5 .Demonstrate the foundation knowledge for conducting business.

### Accreditation

The Bachelor of Science in Business Administration degree programs offered by the School of Business are accredited by AACSB International - The Association to Advance Collegiate Schools of Business. AACSB International is the premier accrediting agency for business schools, stressing academic excellence and a commitment to continuous improvement. Approximately one third of the business schools in the United States and several selected schools internationally have earned AACSB International accreditation.

#### Residency Requirement

A maximum of six (6) hours of the non-Core business courses required in the major may be taken at another institution and transferred for credit in the major; any additional hours taken in the major at another institution will be transferred as general electives.

#### Transfer Students

To meet baccalaureate degree requirements, all transfer students must take in residence a minimum of fifty percent (50%) of the School of Business, excluding Health Information Management, courses required for the degree; this includes support courses required by the School of Business, core business classes, and specific courses in the major. Of these courses, at least 24 hours must be 3000-4000 level. As noted in the Residency Requirement, only six (6) hours of the non-Core business courses required in the major may be transferred from another institution; any additional courses in the major taken at another institution will be transferred as general electives.

Business courses taken at other institutions at the 1000-2000 level which are offered by Tech at the 3000-4000 level will be transferred as free electives. Business courses taken at other institutions at the 3000-4000 level are subject to validation by the School of Business.

#### Majors

The School of Business offers majors in six different fields, along with five minors and an Associate Degree. The objective of all degree programs is to offer an academic base that equips students to be life-long learners who will then mature as professionals in the world of business. All programs within the School of Business, with the exception of the BS in Health Information Management, are accredited by the Association for the Advancement of Collegiate Schools of Business (AACSB). AACSB International is the premier accrediting agency for business schools, stressing academic excellence and a commitment to continuous improvement. Approximately one third of the business schools in the United States and several selected schools internationally have earned AACSB International accreditation.

Students who plan to pursue graduate studies should consider the Accelerated Bachelor to MBA degree. Students in this program are allowed to enroll in graduate courses during their senior year of undergraduate students and have those courses count for BOTH their undergraduate and MBA degree. Faculty advisors will work closely with you in planning your course work within this program.

### **Contact Information**

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#### Professors

Matt Brown, Tracy Cole, Peng "Roc" Huang, K. Russell Jones, Stephen Jones, Kevin Mason, Thomas Pennington, Jim Walton

#### Associate Professors

Loretta Cochran, Debra Hunter, Efosa Idemudia, Masanori Kuroki, Asim Shrestha

#### Assistant Professors

Alice Batch, Md. Shahedur Chowdhury, Sara Daniel, Ahmed Elkassabgi, John Narcum, Kuldeep Singh, Wan Wei, Georgeanna Wright

#### **Senior Instructor**

Tracy Johnston, Tonya Mays

For more information, please visit https://www.atu.edu/business/programs\_accounting.php

### ADVANCED CERTIFICATE IN DATA ANALYTICS

The Advanced Certificate in Data Analytics is designed to provide students with data analytics skills applicable to a wide variety of business, nonprofit, and governmental settings. Recent advances in technology have made it possible to easily collect large amounts of data. This program allows students to capitalize on this data, perform various data analysis techniques, and create visualizations to communicate the results for making decisions and guiding actions.

### Curriculum

The Advanced Certificate in Data Analytics has a total of 24 credit hours.

- MATH 1113 (or math ACT score of 22 or higher)
- BUAD 2003
- MATH 2223
- STAT 2163 or PSY 2053/SOC 2053
- BDA 2003
- BDA 2023

Electives (6 hours) - Two courses selected from the following:

- BDA 3003
- BDA 3013
- BDA 3033
- BDA 3053

### ADVANCED CERTIFICATE IN ENTREPRENEURSHIP

The Advanced Certificate in Entrepreneurship is a planned program of study focused on the basics of starting and/or managing your own small business. This program will teach the knowledge and skills needed to begin a successful business, create new products and /or services, and find business opportunities in the marketplace. The Advanced Certificate in Entrepreneurship is open to any student who has completed an Associate degree or higher degree except students majoring in Management – Entrepreneurship Track.

### Curriculum

The Advanced Certificate in Entrepreneurship has a total of 27-28 credit hours.

- ACCT 2033 or ACCT 2004 and ACCT 2000
- BLAW 2033
- BUAD 2003
- ECON 2013
- MATH 1113
- MGMT 3003
- MGMT 4053
- MGMT 4063
- MKT 3043

### ADVANCED CERTIFICATE IN HUMAN RESOURCE MANAGEMENT

The Advanced Certificate in Human Resources (HR) is a planned program of study focused on the behavioral competencies and functional knowledge areas within the themes of HR Competencies, People, Organization, Workplace and Strategy. The Advanced Certificate assists a student preparing to take the Associate Professional in Human Resources exam administered by the HR Certification Institute.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### First Year

Fall	Credits
Human Resources Core and/or Human Resource Electives <sup>1,2</sup>	6
Total Hours	6

Spring	Credits
Human Resources Core and/or Human Resource Electives <sup>1,2</sup>	6
Total Hours	6

#### **Second Year**

Fall	Credits
Human Resources Core and/or Human Resource Electives <sup>1,2</sup>	6
Total Hours	6

Spring	Credits
Human Resources Core and/or Human Resource Electives <sup>1,2</sup>	3
Total Hours	3

<sup>&</sup>lt;sup>1</sup>Required human resources core (12 hours): MGMT 3023, MGMT 3323, MGMT 4093, and MGMT 4323.

# ASSOCIATE OF BUSINESS ADMINISTRATION

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MATH 1113	3
BUAD 1111	1
BUAD 2003	3
Elective	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 2223 <sup>2</sup>	3
COMM 2003 or COMM 2173	3
BDA 2003	3
Total Hours	15

### **Sophomore**

Fall	Credits
USHG 1XXX <sup>1</sup>	3
ACCT 2004/ACCT 2000	4
ECON 2003	3
BLAW 2033	3
STAT 2163 or PSY 2053/SOC 2053	3
Total Hours	16

<sup>&</sup>lt;sup>2</sup>Approved human resources electives (9 hours selected from the following courses): MGMT 3123, MGMT 4033, MGMT 4213, MGMT 4223, and

Spring	Credits
FAH 1XXX <sup>1</sup>	3
ACCT 2013	3
SCIL 1XXX <sup>1</sup>	4
ECON 2013	3
Electives	1
Total Hours	14

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION IN ACCOUNTING

Since the inception of the program in 1959, ATU accounting graduates have established careers in every segment of the business world. Employment opportunities range from national, regional, and local public accounting firms to corporations, sole proprietorships, and national state and local government entities. The accounting profession offers a promising future for individuals who are comfortable in meeting people, expressing themselves, working in changing environments, and who possess an inquiring and logical thought process.

#### **Learning Goals for Accounting Major:**

- 1 .Students will be able to demonstrate knowledge of current accounting practices and theory and be conversant in the language of business.
- 2 .Students will be able to demonstrate the ability to think critically about accounting topics.
- 3 .Students will demonstrate the ability to communicate accounting information effectively, both orally and in writing.
- 4 .Students will be able to demonstrate competency in current accounting information technology.
- 5 .Students will be able to demonstrate competency in ethical business and accounting decision making.

Holding the credential of a Certified Public Accountant is viewed as evidence of a professional quality in the discipline of accounting. CPAs are viewed by the business world as individuals who possess a professional knowledge of accounting principles and concepts and have the experiences necessary to make proper application of those principles and concepts. Students who wish to pursue this professional designation can complete the curriculum and ACCT 4093. This will provide them with the necessary academic background to permit the graduate to sit for the uniform certified public accountant examination.

Many students aspire to a career in private accounting rather than public accounting. Professional designations such as Certified Management Accountant (CMA) and Certified Internal Auditor (CIA) are earned by completing examinations offered by their respective professional associations. Accounting majors who wish to complete those certification processes may complete a course of study that will enable them to be candidates for those professional examinations. After passing the examination, students would need to have an additional 30 hours of college credit to attain licensure.

#### **Professional Examination Requirements**

All students who, upon graduation, plan to sit for a professional examination (CPA, CMA, CIA) should consult with an accounting faculty member concerning specific course requirements of the respective examination. The requirements should be considered in planning the student's course of study while completing the degree.

The following curriculum in accounting leads to a Bachelor of Science in Business Administration degree with a major in accounting.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 2223 <sup>2</sup>	3

<sup>&</sup>lt;sup>2</sup>Students who have two years of high school algebra with a grade of "C" or better and a math ACT score of 22 or above may omit College Algebra and enroll directly in MATH 2223. If omitted, an additional 3 hours of electives will be required. Students considering graduate school are advised to use free elective hours to take MATH 2914.

Fall	Credits
BUAD 1111	1
BUAD 2003	3
Elective	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
COMM 2173 or COMM 2003	3
Elective	2
Total Hours	15

# Sophomore

Fall	Credits
ECON 2003	3
BDA 2003	3
STAT 2163 or PSY 2053/SOC 2053	3
ACCT 2004 and ACCT 2000	4
Total Hours	13

Spring	Credits
ECON 2013	3
SCIL 1XXX <sup>1</sup>	4
USHG 1XXX <sup>1</sup>	3
BLAW 2033	3
ACCT 2013	3
Total Hours	16

# Junior

Fall	Credits
MGMT 3003	3
ENGL 2053	3
ACCT 3003	3
ACCT 3043	3
BDA 3013	3

Fall	Credits
Total Hours	15

Spring	Credits
ECON 3003	3
MGMT 3103	3
ACCT 3013	3
ACCT 3023	3
ACCT 3053	3
Total Hours	15

#### Senior

Fall	Credits
MKT 3043 <sup>3</sup>	3
ACCT 4003	3
ACCT 4013	3
BDA 3003	3
Elective <sup>3</sup>	3
Total Hours	15

Spring	Credits
FIN 3063	3
MGMT 4083	3
ACCT 4033	3
ACCT 4023	3
Elective <sup>3</sup>	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

- MKT 6103 can replace MKT 3043
- Any 2 core MBA course (other than ACCT 6103, MKT 6103, and MGMT 6903) can be used to replace general electives

# BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION IN BUSINESS DATA ANALYTICS

Business Data Analytics applies knowledge and skills in business, math, and technology to solve some of today's toughest problems. Students learn to apply quantitative reasoning, critical thinking, and high ethical standards to real world situations. Graduates in this major are able to analyze both small and big data sets to develop business insights to guide decision making. Analysts see trends, identify opportunities, and make predictions that

<sup>&</sup>lt;sup>2</sup>Any 2000 level MATH or STAT course or higher may be substituted for MATH 2223 (excluding MATH 2033, MATH 2043, and STAT 2163). Students considering graduate school are advised to take MATH 2914.

<sup>&</sup>lt;sup>3</sup>Students may apply in their junior year for admission into the Accounting Accelerated Bachelor's Plus MBA Degree; however, they must have completed a minimum of 90 credit hours towards the Bachelor degree and have earned a minimum GPA of 3.0 or higher in those undergraduate courses to be eligible. Once approved, the student will be conditionally admitted into the MBA program. The following graduate level courses can be used to replace three upper-division undergraduate courses as follows:

allow businesses to survive and thrive in a competitive, rapidly changing environment. People who can make sense of the numbers and have strong data-driven decision making skills are highly sought after in organizations of all sizes and across all industries. The goal of the BDA program is to have students ready to contribute to the organization's bottom line from day one.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BUAD 1111	1
BUAD 2003	3
MATH 2243	3
COMM 2173 or COMM 2003	3
FAH 1XXX <sup>1</sup>	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
BLAW 2033	3
MATH 2223	3
BDA 2003	3
Total Hours	16

Fall	Credits
ACCT 2004 and ACCT 2000	4
ECON 2003	3
STAT 2163 or PSY 2053/SOC 2053	3
BDA 3013	3
FAH 1XXX <sup>1</sup>	3
Total Hours	16

Spring	Credits
ACCT 2013	3
ECON 2013	3
SCIL 1XXX <sup>1</sup>	4
USHG 1XXX <sup>1</sup>	3

Spring	Credits
ENGL 2053	3
Total Hours	16

# Junior

Fall	Credits
MKT 3043	3
Approved Elective <sup>2</sup>	3
MGMT 3003	3
BDA 3003	3
BDA 3033	3
Total Hours	15

Spring	Credits
MGMT 3103	3
ECON 3093	3
BDA 3053	3
Approved Elective <sup>2</sup>	6
Total Hours	15

Fall	Credits
Approved Elective <sup>2, 3</sup>	6
MGMT 4013 <sup>3</sup>	3
FIN 3063	3
Elective	2
Total Hours	14

Spring	Credits
MKT 3153 <sup>3</sup>	3
MGMT 4083	3
MGMT 4203	3
BDA 4003 <sup>3</sup>	3
Total Hours	12

 $<sup>^{\</sup>rm I}{\rm See}$  appropriate alternatives or substitutions in "General Education Requirements".

- BDA 6203 can replace MKT 3153
- MGMT 6203 can replace MGMT 4103
- MKT 6103 can replace MKT 4013
- BDA 6323 can replace BDA 4003

# BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION IN BUSINESS MANAGEMENT

**Business Management** prepares students to manage organizations of all types. Managers help businesses improve the way they get products and services to their customers. They keep businesses running smoothly by bringing together suppliers, employers, workers and the tools they use to create the products and services sold everywhere. Business management students have opportunities to participate in experiential learning such as working with ATU's Small Business Technology and Development Center to help local businesses to manage more efficiently.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
PSY 2003	3
MATH 1113 <sup>2</sup>	3
BUAD 1111	1
BUAD 2003	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
USHG 1XXX <sup>1</sup>	3
MATH 2223 <sup>2</sup>	3
COMM 2173 or COMM 2003	3
Total Hours	16

Fall	Credits
ACCT 2004/ACCT 2000	4
ECON 2003	3

<sup>&</sup>lt;sup>2</sup>Approved Electives: MGMT 3113, BDA 4031/BDA 4032/BDA 4033, BDA 4073, MKT 4013, FIN 4033, COMS 1333, COMS 2104 (Prerequisite COMS 1403/COMS 1411), MKT 3063, PHIL 3103, HIM 4063, MGMT 4103, STAT 2304 or higher STAT course.

<sup>&</sup>lt;sup>3</sup> This program partners the BSBA undergraduate degree with the MBA degree. A maximum of twelve (12) graduate level credit hours can be counted towards both the BSBA degree in Business Data Analytics and the MBA degree. Four graduate level courses can be used to replace four upper-division undergraduate courses as follows:

Fall	Credits
FAH 1XXX <sup>1</sup>	3
BDA 2003	3
BLAW 2033	3
Total Hours	16

Spring	Credits
ACCT 2013	3
ECON 2013	3
SCIL 1XXX <sup>1</sup>	4
STAT 2163 or PSY 2053/ SOC 2053	3
MGMT 3003	3
Total Hours	16

# Junior

Fall	Credits
ENGL 2053	3
MGMT 3123	3
MKT 3043	3
Management Elective (3000-4000)	6
Total Hours	15

Spring	Credits
FIN 3063	3
MGMT 3103	3
Management Elective (3000-4000)	6
Elective	3
Total Hours	15

Fall	Credits
MGMT 4013	3
School of Business Elective (3000-4000) <sup>3,4</sup>	3
Elective <sup>4</sup>	9
Total Hours	15

Spring	Credits
MGMT 4083	3

Spring	Credits
School of Business Elective (3000-4000) <sup>3,4</sup>	6
Elective <sup>4</sup>	2
Total Hours	11

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

- BDA 6203 can replace MKT 3153
- MGMT 6203 can replace MGMT 4103
- MKT 6103 can replace MKT 4013
- BDA 6323 can replace BDA 4003

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION IN DIGITAL MARKETING

Digital Marketing prepares students to work in the most dynamic and rapidly changing area of business. With courses in Marketing Research and Analytics, Integrated Marketing Communication, Social Media Marketing, Digital Metrics, and Retailing and the Virtual Market Place, students graduate with an understanding of how customers' preferences and opinions are measured, how data is collected and analyzed, and how marketing strategy is crafted to offer the right product for the right price in the right place to the most profitable customer. Digital Marketing students have opportunities to participate in applied learning experiences such as consulting with small businesses through ATU's Small Business Technology and Development Center to create social media marketing plans, to conduct actual marketing research for local organizations, and to work with other students to promote on campus activities.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
COMS 1333	3
MATH 1113 <sup>2</sup>	3
BUAD 1111	1
BUAD 2003	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
USHG 1XXX <sup>1</sup>	3
MATH 2223 <sup>2</sup>	3

<sup>&</sup>lt;sup>2</sup>Students who have two years of high school algebra with a grade of "C" or better and a math ACT score of 22 or above may omit College Algebra and enroll directly in MATH 2223. If omitted, an additional 3 hours of electives will be required. Students considering graduate school are advised to use free elective hours to take MATH 2914.

<sup>&</sup>lt;sup>3</sup>Excludes HIM and AHS courses.

<sup>&</sup>lt;sup>4</sup>This program partners the BSBA undergraduate degree with the MBA degree. A maximum of twelve (12) graduate level credit hours can be counted towards both the BSBA degree in Business Management and the MBA degree. Four graduate level courses can be used to replace four upper-division undergraduate courses as follows:

Spring	Credits
COMM 2173 or COMM 2003	3
Total Hours	16

# Sophomore

Fall	Credits
ACCT 2004 and ACCT 2000	4
ECON 2003	3
FAH 1XXX <sup>1</sup>	3
BDA 2003	3
BLAW 2033	3
Total Hours	16

Spring	Credits
ACCT 2013	3
ECON 2013	3
SCIL 1XXX <sup>1</sup>	4
STAT 2163 or PSY 2053/SOC 2053	3
MKT 3043	3
Total Hours	16

### Junior

Fall	Credits
ENGL 2053	3
MGMT 3003	3
MKT 3063	3
MKT 3083	3
BDA 3013	3
Total Hours	15

Spring	Credits
FIN 3063	3
MGMT 3103	3
MKT 3153	3
MKT 3163	3
Marketing Elective (3000-4000)	3
Total Hours	15

#### **Senior**

Fall	Credits
MGMT 4013	3
MKT 4013	3
MKT 4063	3
Approved Elective <sup>3</sup>	3
General Elective	3
Total Hours	15

Spring	Credits
MGMT 4083	3
MKT 4143	3
General Elective	5
Total Hours	11

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>3</sup>Approved electives include:

COMS 2333,

JOUR 3173,

MKT 3103,

MKT 4033,

MKT 4053,

MKT 4093,

MGMT 4103 and

MGMT 4113

- BDA 6203 can replace MGMT 4073
- MGMT 6203 can replace MGMT 4103
- MGMT 6103 can replace MGMT 4213
- MKT 6113 can replace MKT 4103

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION IN FINANCE

The study of finance equips students to analyze financial issues ranging from business finance to international finance and their relevance in the contemporary world. Capital structure and investment, personal and professional investing, asset valuation and management, risk hedging and management, and foreign exchange risk management are some traditional topics covered in the curriculum. The Bachelor of Science in Business Administration in Finance degree equips students to pursue finance-related career paths such as Financial Analysts, Cost/Credit Analysts, Bank Managers, Portfolio/Fund Managers, and Traders in Stocks, Bonds and Currencies.

The finance course of study contains a theoretical core supporting the finance, accounting, marketing, and management fields. It is designed to prepare graduates for management or analytical careers in business or government. In addition, the major provides a foundation for graduate study in a variety of fields. Faculty advisors work closely with students to assist them in planning their course work to achieve personal career objectives.

Students who complete the finance program will be able to:

- 1 .Understand economic concepts and relationships.
- 2 .Understand financial decision making at the individual, corporate, and public policy levels.
- 3 .Improve problem-solving skills through the application of economic and financial concepts.

<sup>&</sup>lt;sup>2</sup>Students who have two years of high school algebra with a grade of "C" or better and a math ACT score of 22 or above may omit College Algebra and enroll directly in MATH 2223. If omitted, an additional 3 hours of electives will be required. Students considering graduate school are advised to use free elective hours to take MATH 2914.

<sup>&</sup>lt;sup>4</sup> This program partners the BSBA Digital Marketing undergraduate degree with the MBA degree. A maximum of 12 graduate level credit hours can be counted towards both the BSBA Digital Marketing degree and the MBA degree. Four graduate level courses can be used to replace four upper-division undergraduate courses as follows:

4 .Evaluate economic and financial issues in a global context.

# Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MATH 2223	3
BUAD 1111	1
BUAD 2003	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MATH 2243	3
COMM 2173 or COMM 2003	3
Total Hours	16

Fall	Credits
ACCT 2004 and ACCT 2000	4
ECON 2003	3
BDA 2003	3
BLAW 2033	3
General Elective	2
Total Hours	15

Spring	Credits
SCIL 1XXX <sup>1</sup>	4
ACCT 2013	3
ECON 2013	3
STAT 2163 or PSY 2053/SOC 2053	3
ENGL 2053	3

Spring	Credits
Total Hours	16

# Junior

Fall	Credits
School of Business Elective (3000-4000 level) <sup>4</sup>	3
FIN 3063	3
MGMT 3003	3
Finance Major Elective <sup>2,3</sup>	3
Economics Elective (3000-4000)	3
Total Hours	15

Spring	Credits
ECON 3003	3
ECON 3093	3
MKT 3043	3
FIN 3043	3
MGMT 3103	3
Total Hours	15

Fall	Credits
MGMT 4013 <sup>5</sup>	3
FIN 3023	3
FIN 4023	3
Elective <sup>5</sup>	3
Total Hours	12

Spring	Credits
MGMT 4083	3
FIN 4033	3
FIN 4093 <sup>5</sup>	3
Finance Major Elective <sup>2,3</sup>	3
Elective <sup>5</sup>	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Only three hours of economic/finance internship will apply to this requirement.

<sup>5</sup>Students may apply in their junior year for admission into the Finance Accelerated Bachelor's Plus MBA Degree; however, they must have completed a minimum of 90 credit hours towards the Bachelor degree and have earned a minimum GPA of 3.0 or higher in those undergraduate courses to be eligible. Once approved, the student will be conditionally admitted into the MBA program. The following graduate level courses can be used to replace four upper-division undergraduate courses as follows:

- FIN 6103 can replace FIN 4093
- BDA 6203 can replace MGMT 4013
- ECON 6103 can replace Finance Elective
- ACCT 6103 can replace Finance Elective

# CERTIFICATE OF PROFICIENCY IN BUSINESS ADMINISTRATION

Certificate of Proficiency in Business Administration is designed to provide basic business knowledge and skills applicable to a wide variety of business, nonprofit, and governmental settings and gain foundational knowledge in business information systems, accounting, and economics.

#### Curriculum

The Certificate of Proficiency in Business Administration has a total of 12-13 credit hours.

- ACCT 2033 or ACCT 2004 and ACCT 2000
- BUAD 2003
- ECON 2003 or ECON 2013 or ECON 2103
- MATH 1113

### CERTIFICATE OF PROFICIENCY IN MICROSOFT APPLICATIONS

Certificate of Proficiency in Microsoft Applications is designed to provide knowledge and skills in the use of Microsoft Word, Excel, and Access, particularly in a business settings. Students completing this certificate program will be able to take the Microsoft Certification Exams at no additional cost

#### Curriculum

The Certificate of Proficiency in Microsoft Applications has a total of 9 credit hours.

- BUAD 2003
- BDA 2003
- MGMT 3173

### MINORS AVAILABLE

### Accounting

The minor in Accounting is available tonon-accounting majors who wish to add to their knowledge of accounting. Please note that for non-business majors, no more than 30 hours of courses offered by the School of Business, excluding AHS and HIM courses, may be counted toward completion of degree requirements.

The minor in Accounting requires 22 hours of courses:

- BUAD 2003
- ACCT 2004 and ACCT 2000
- ACCT 2013
- ACCT 3003
- ACCT 3013
- ACCT 3043
- 3 hours of either ACCT 3053 or ACCT 4023\*

\*in order to take the upper division (3000-4000 level) ACCT courses, a non-business major must have completed 54 hours including all 2000 level courses listed above, have a cumulative GPA of at least 2.0 and permission from the Dean College of Business and Economic Development.

### **Business and Entrepreneurship**

The minor in Business and Entrepreneurship is available to students who wish to add to their knowledge of business for personal edification or for professional purposes, but not open to School of Business majors, excluding Health Information Management. **Please note that for non-business** 

<sup>&</sup>lt;sup>3</sup>Finance major elective options: FIN 2013, FIN 3033, FIN 4053, FIN 4083, ECON 4093, ECON 3073, ACCT 3003, ACCT 3013, ACCT 3043 or BDA 3053

<sup>&</sup>lt;sup>4</sup>Excludes HIM and AHS courses.

majors, no more than 30 hours of courses offered by the School of Business, excluding AHS and HIM courses, may be counted toward completion of degree requirements.

- ACCT 2004 and ACCT 2000 or ACCT 2033
- BUAD 2003
- ECON 2013\*
- MGMT 3003\*\*
- MGMT 4053
- MKT 3043\*\*

\*for many majors ECON 2013 can be used to satisfy 3 hours of the general education social science requirement.

\*\*in order to take the upper division (3000-4000 level) MKT and MGMT courses, a non-business major must have completed 54 hours including all 2000 level courses listed above and have a cumulative GPA of at least 2.0.

### **Business Data Analytics**

The minor in Business Data Analytics is designed to give non-BDA majors knowledge and skills in data analytics applicable to their own major. Recent advances in technology have made it possible to easily collect large amounts of data. This minor allows students to capitalize on this data, perform various data analysis techniques, and create visualizations to communicate the results for making decisions and guiding actions. The minor in Business Data Analytics requires 18 hours of courses:

- BDA 2003
- BDA 3013
- BDA 3053
- PSY2053/SOC 2053 or STAT 2163

and 6 hours from the following:

- BDA 3003
- BDA 3033
- BDA 4073
- ECON 3093
- MGMT 3113
- MGMT 4203
- MKT 3153MKT 4013
- **Business Administration**

The minor in Business Administration is available to students who wish to add to their knowledge of business for personal edification or for professional purposes, but not open to School of Business majors, excluding Health Information Management majors. Please note that for non-business majors, no more than 30 hours of courses offered by the School of Business, excluding AHS and HIM courses, may be counted toward completion of degree requirements.

Take the following:

- ACCT 2004 and ACCT 2000 or ACCT 2033
- BLAW 2033
- BUAD 2003
- ECON 2003
- MGMT 3003
- MKT 3043

### **Economics**

The minor in Economics is **not available** to Finance majors. The minor in Economics is available to all other majors provided that the student takes at least nine (9) hours of coursework to satisfy the Economics minor requirements that are not otherwise counted as requirements for the student's major.

#### The minor in Economics requires 18 hours of courses:

- ECON 2003 or ECON 2103
- ECON 2013
- ECON 3003
- ECON 3073
- ECON 3093
- Any other 3-hour ECON or FIN course

# DEPARTMENT OF AGRICULTURE

# DEPARTMENT OF AGRICULTURE AND TOURISM

Agriculture programs of study are as follows:

- 1 .A four-year curriculum in Agriculture Business, with animal science, horticulture, and pre-veterinary medicine options, leading to a bachelor of science degree.
- 2 .Pre-Veterinary Medicine Through proper advising and taking courses in proper sequence, students can meet the minimum course requirements for entrance into Louisiana State University, University of Missouri, Oklahoma State University, Tuskegee Institute, and other institutions offering the D.V.M degree in two years.
- 3 .Agricultural Education Students interested in teaching agriculture in secondary schools should follow the curriculum set forth in this catalog under the agricultural education for teacher licensure curricula in the College of Education.
- 4 .Minor in Agriculture

The objectives of the department are to:

- 1 .Provide a balanced educational program with relatively broad interdisciplinary training as opposed to narrow specialization, thus preparing the student for success in his/her chosen field and in his/her citizenship responsibilities.
- 2 .Serve and assist the student in educational and personal problems through active faculty counseling.
- 3 Assist the student in development and improvement of leadership abilities through encouragement of active participation in activities of the Ag Ambassadors, Agri Club, Collegiate FFA, FFA Day and Pre-Veterinary Club and other extracurricular activities.

Trends in occupations related to agriculture are shifting from production to agri-business services such as management, processing, distribution, and marketing. This creates a need for personnel with a broad background in these areas of training. Our systems concept is geared to integration of disciplines to better prepare graduates for present day needs.

Attractive career opportunities exist in agricultural business firms, banks and other financial agencies, marketing, food processing, extension, soil conservation, forestry, farm and agri-business management, and sales and distribution firms.

The curricula that follow represent the program of study for the four-year degree in agri-business, including the animal science, feed mill management, horticulture, public relations, and pre-veterinary medicine options. Students enrolled in programs other than agri-business may want to tailor their curriculum to best meet their individual needs.

### **Hospitality Administration Programs**

Major Options

Event Management Foodservice Management Lodging Management

Minor

Hospitality Administration

Certificates

Certificate of Proficiency Casino and Gaming Industry Technical Certificate in Casino and Gaming Industry Management

The Hospitality Administration degree program is designed to prepare students for management positions within the hospitality industry such as lodging, resorts, conference, convention and visitor centers, restaurants, contract services, theme parks and travel and tourism related operations.

The course work concentrates on general business, management, finance, marketing, accounting, law, computer science, and specific courses related to hospitality management. The entire curriculum features numerous opportunities for the practical application of problem-solving skills and creativity. The Hospitality Administration Program is accredited by the Accreditation Commission for Programs in Hospitality Administration.

### Vision Statement

The program will develop leaders in the Hospitality profession.

### **Core Values**

- · Community Service
- · Commitment to personal and professional development
- Embrace diversity
- · Lifelong learning

- · Work hard/Play hard
- Communication
- Harmony

#### **Mission Statement**

The mission of the Hospitality Administration Program is to provide quality education in hospitality administration, build a foundation for professional growth and development and encourage lifelong learning.

# **Recreation and Park Programs**

The Bachelor of Science in Recreation and Park Administration offers four emphases of professional preparation

Interpretation Natural Resource Recreation Sport Management Therapeutic Recreation

Minor

Recreation and Park Administration

This program is designed to prepare students for management careers in private and public recreation agencies or park systems. A broad background in the behavioral and natural sciences is required with major emphasis on resource management and the delivery of leisure services to diverse populations. Specialized course work in biological sciences and business management aid in natural resource decision making. This provides a base for professional courses in planning, design, and operation of park and recreation facilities. A career in recreation sport management, park administration, therapeutic recreation, or interpretation requires a basic understanding of human behavior and the challenges of contemporary society. Due to the multidisciplinary nature of the career field, a student is required to choose courses from several related fields, based on professional interest. A comprehensive general education is complemented with a core of professional courses.

The Recreation and Park Administration major provides specialized education that prepares students for supervisory and administrative positions in federal, state, and local recreation and park agencies as well as commercial recreation and tourism organizations. This program is accredited by the Council on Accreditation of Parks, Recreation, Tourism and Related Professions (COAPRT), sponsored by the National Recreation and Park Association.

### Vision Statement

The program will produce leaders in Recreation and Park Administration.

#### **Core Values**

The Recreation and Park Administration Program is committed to:

- · Lifelong learning
- · Service to community
- · Personal and professional development
- · Diversity of experience
- · Environmental stewardship
- · Interpersonal communication
- Healthy lifestyles

### **Mission Statement**

The mission of the Recreation and Park Administration Program is to educate Recreation and Park professionals for self, community and society.

### **Contact Information**

Dr. Marshall Swafford, Head

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### Professors

William Hoefler, Jr., Seung Suk Lee, Cathi McMahan

#### **Associate Professors**

Michael Bradley, Molly Brant, Justin Killingsworth, Dong-Soo Lee, Susan West

#### Assistant Professor

Syed Imran Ali Meerza, Jay Post, Bryan Rank, Tatum Simms, Matthew Wilson

#### Instructor

Cass Capen-Housley

### DEPARTMENT OF AGRICULTURE AND TOURISM MINORS

### Agriculture

The minor in Agriculture is available to students who wish to add to their knowledge of Agriculture for personal improvement and/or for professional development but **not** open to Department of Agriculture majors. This minor may be of particular interest to those students who wish to work in the food or fiber industries after graduation. This minor may be well suited for students in Accounting, Economics, Business Administration, Engineering, Emergency Management, Hospitality Administration and Fisheries and Wildlife Sciences.

#### The minor in Agriculture requires 21 hours of courses:

- AGAS 1014
- AGBU 1013
- AGPS 1024
- AGSS 2014
- \*AG Electives (6 hours of Agriculture academic courses at the 3000 or 4000 level, excluding: AGBU 3213, AGBU 3993, AGBU 4983, and AGBU 4991-4

### **Hospitality Administration**

The Hospitality Administration minor is designed for students of any major who want to learn about the hospitality profession. The minor in Hospitality Administration consists of 18 hours of coursework:

- HA 1043
- HA 2063
- HA 2133/RP 2133
- HA Elective (9 hours of 3000 or 4000 level)

### **Recreation & Park Administration**

The minor in Recreation and Park Administration is designed for those students majoring in other disciplines who wish to develop specialized knowledge in the area of Recreation and Park Administration. This minor may be of particular interest to those students who wish to work for a recreation and park oriented agency after graduation. This minor may be well-suited for Emergency Management, Fisheries and Wildlife Science, and Hospitality Administration majors. Flexibility in the minor allows students to choose courses to match their particular needs and interests. The minor in Recreation and Park Administration requires 18 hours of courses:

- RP 1013
- RP 2003
- RP Electives (12 hours of RP academic courses including 9 hours at the 3000 or 4000 level, excluding RP 3043, RP 4001, and RP 4116)

<sup>\*</sup>In order to take the upper division (3000-4000 level) AG courses, the student must have completed 54 hours including all 1000 and 2000 level courses listed above as well as any prerequisites and have a cumulative GPA of at least 2.0.

# AGRICULTURE BUSINESS

### AGRICULTURE BUSINESS DEGREES

# **Bachelor of Science in Agriculture Business**

The curricula that follow represent the program of study for the four-year degree in agri-business, including the animal science, and horticulture options. Students enrolled in programs other than agri-business may want to tailor their curriculum to best meet their individual needs.

### **Major Options**

- Agriculture Business
- · Animal Science
- · Horticulture

The baccalaureate degree program in agri-business integrates the discipline of agriculture, business, accounting, economics, and finance. Emphasis is placed on management directed toward the farm business and agri-business firms.

Trends in occupations related to agriculture are shifting from production to agri-business services such as management, processing, distribution, and marketing. This creates a need for personnel with a broad background in these areas of training. Our systems concept is geared to integration of disciplines to better prepare graduates for present day needs.

Attractive career opportunities exist in agricultural business firms, banks and other financial agencies, marketing, food processing, extension, soil conservation, forestry, farm and agri-business management, and sales and distribution firms.

# BACHELOR OF SCIENCE IN AGRICULTURE BUSINESS - PRE-VETERINARY MEDICINE

A degree in Agriculture Business-Pre-Veterinary Medicine option at Arkansas Tech University prepares you to apply to the Veterinary School of your choice to continue your educational goal. The program will also provide the necessary prerequisites for continuing your education in graduate school, meeting the prerequisites for most Veterinary Medicine programs. Pre-Veterinary students are able to draw on the real-world experiences of our faculty members.

In addition to utilizing our talented faculty and staff, you will make full use of the many classrooms and teaching laboratories found in Dean Hall, the Greenhouse Classroom and our extensive Outdoor Learning Laboratory located on three sides of the ATU campus. Hands-on experience working with our fully operational beef and swine herds helps to prepare you to continue your education at the graduate level in animal science, veterinary medicine, and many other medical fields.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1114	4
COMS 1003	3
MATH 1113	3
AGAS 1014	4
AGBU 1001	1
Total Hours	18

Spring	Credits
ENGL 1023 <sup>1</sup>	3

Spring	Credits
BIOL 2124	4
CHEM 2124 and CHEM 2120	4
AGBU 1013	3
Total Hours	14

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
CHEM 2134 and CHEM 2130	4
PHYS 2014 and PHYS 2000	4
COMM 2173	3
AGBU 2063	3
Total Hours	17

Spring	Credits
ACCT 2033	3
BLAW 2033 or AGBU 3033	3
PHYS 2024 and PHYS 2010	4
AGAS 2084	4
AGBU 2073	3
Total Hours	17

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
CHEM 3254	4
AGAS 4203	3
AGBU 3213	3
Total Hours	16

Spring	Credits
CHEM 3264	4
ENGL 2053	3

Spring	Credits
STAT 2163	3
AGAS 3933	3
Total Hours	13

### Senior

Fall	Credits
AGAS 3004	4
AGBU 4003	3
AGBU 4013	3
AGBU 4973	3
Total Hours	13

Spring	Credits
BIOL 3054	4
CHEM 3344	4
AGBU 4023	3
AGBU 4033	3
Total Hours	14

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN AGRICULTURE BUSINESS - AGRICULTURE BUSINESS

The Agriculture Business program provides a balanced educational program with relatively broad interdisciplinary training as opposed to narrow specialization, thus preparing the student for success in their chosen field. The program in Agriculture Business integrates the discipline of agriculture, business, accounting, economics and finance. Emphasis is placed on management directed towards the farm business and Agriculture Business firms. Trends in careers related to agriculture are shifting from production to ag-business services such as management, processing, distribution and marketing. This creates a need for recruits with a broad background in these areas of training. Our systems concept is geared to integration of disciplines to better prepare graduates for present day needs.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
CHEM 1113 AND CHEM 1111	4
COMS 1003	3
AGAS 1014	4

Fall	Credits
AGBU 1001	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH 1003 or higher <sup>1</sup>	3
COMM 2173	3
AGBU 1013	3
AGPS 1024	4
Total Hours	16

# Sophomore

Fall	Credits
ENGL 2053	3
ACCT 2033	3
BIOL 1014	4
BLAW 2033 or AGBU 3033	3
AGBU 2063	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
STAT 2163	3
AGBU 2073	3
AGSS 2014	4
Total Hours	16

### Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
AGBU 3213	3
AGBU 3233	3
Agriculture Elective <sup>2</sup>	3
Elective <sup>3</sup>	3

Fall	Credits
Total Hours	15

Spring	Credits
AGBU 4013	3
AGBU 4063	3
Agriculture Elective <sup>2</sup>	6
Elective <sup>3</sup>	2
Total Hours	14

### **Senior**

Fall	Credits
AGBU 4003	3
AGBU 4153	3
Agriculture Elective <sup>2</sup>	7
Total Hours	13

Spring	Credits
AGBU 4023	3
AGBU 4033	3
AGBU 4073	3
AGBU 4973	3
Elective <sup>3</sup>	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN AGRICULTURE BUSINESS - ANIMAL SCIENCE

The Animal Science option is able to draw on the real-world experiences of our faculty members. In addition to utilizing our talented faculty and staff, you will make full use of the many classrooms and teaching laboratories found in Dean Hall, the farm classroom and our extensive Outdoor Learning Laboratory located on three sides of the ATU campus. Hands-on experience working with our fully operational beef and swine herds helps to prepare you for exciting careers in animal production management, pharmaceutical sales and development, as well as giving students a solid base to continue their education at the graduate level in animal science.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Recommended electives are SPAN 1013 and SPAN 1023.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1014	4
COMS 1003	3
AGAS 1014	4
AGBU 1001	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH 1003 or higher <sup>1</sup>	3
AGAS 2014	4
AGBU 1013	3
AGPS 1024	4
Total Hours	17

# **Sophomore**

Fall	Credits
ENGL 2053	3
ACCT 2033	3
BLAW 2033 or AGBU 3033	3
CHEM 1113 and CHEM 1111	4
AGBU 2063	3
Total Hours	16

Spring	Credits
USHG 1XXX <sup>1</sup>	3
STAT 2163	3
AGAS 2084	4
AGBU 2073	3
AGSS 2014	4
Total Hours	17

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
AGAS 3004	4
AGBU 3213	3
Agriculture Elective	2
Elective	2
Total Hours	14

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMM 2173	3
AGAS 3104	4
AGAS 3303, AGAS 3343, or AGAS 4403	3
Total Hours	13

### **Senior**

Fall	Credits
AGAS 4203	3
AGBU 4003	3
AGBU 4013	3
AGPS 3023	3
Total Hours	12

Spring	Credits
AGAS 3014	4
AGAS 3933	3
AGBU 4023	3
AGBU 4033	3
AGBU 4973	3
Total Hours	16

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN AGRICULTURE BUSINESS - HORTICULTURE

If you enjoy working outdoors and watching a plant grow from seed to a finished product for people to enjoy, the Horticulture option of the Agricultural Business degree may be for you. With a specialization to ensure you can explore your area of interest while developing your financial and managerial acumen in your agriculture business courses, students are prepared to work in, manage, and/or own a horticulture enterprise. Exciting jobs in greenhouse/

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

nursery management, seed and chemical sales, cooperative extension, crop consultation, landscape maintenance and many others await graduates of this program. ATU's Outdoor Learning Lab, including greenhouses and shade houses, allows students the opportunity to grow, work and manage a plant production operation; the resulting real-world sales of student-grown plants to campus and the River Valley community brings horticulture and business concepts to life. Dedicated, full-time faculty members share their knowledge, experiences and industry connections towards your preparation horticulture and allied industry careers or graduate school.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
BIOL 1014 or BIOL 2134	4
AGAS 1014	4
AGBU 1001	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
COMS 1003	3
MATH 1003 or higher <sup>1</sup>	3
AGBU 1013	3
AGPS 1024	4
Total Hours	16

Fall	Credits
ACCT 2033	3
BLAW 2033 or AGBU 3033	3
CHEM 1113 and CHEM 1111	4
COMM 2173	3
AGBU 2063	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
ENGL 2053	3
STAT 2163	3

Spring	Credits
AGBU 2073	3
AGSS 2014	4
Total Hours	16

### Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
AGBU 3213	3
AGPS 3044	4
AGPS 3244	4
Elective	2
Total Hours	16

Spring	Credits
AGPS 3064	4
AGPS 3093	3
Agriculture Elective <sup>2</sup>	4
Elective	2
Total Hours	13

Fall	Credits
AGBU 4003	3
AGBU 4013	3
AGPS 3074	4
Agriculture Elective <sup>2</sup>	3
Total Hours	13

Spring	Credits
AGBU 4023	3
AGBU 4033	3
AGBU 4973	3
AGPS 3083	3

Spring	Credits
AGPS 4103	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup> At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

# **HOSPITALITY PROGRAM**

#### **SCIENCE BACHELOR OF** IN HOSPITALITY **ADMINISTRATION EVENT MANAGEMENT**

The Event Management Emphasis prepares students for careers in tourism, convention and visitors bureaus and sport and event management. This emphasis will provide a background in commercial recreation, recreational sport and event management in Arkansas' second leading industry and the world's largest industry. Tourism and Event Management is a collection of industries under the larger umbrella of hospitality management.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1014	4
COMS 1003	3
HA 1001	1
HA 1043	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CHEM 1111 and CHEM 1113	4
MATH 1113	3
HA 1011	1
HA 2133 / RP 2133	3
Total Hours	14

Fall	Credits
PSY 2003	3
ECON 2003	3
HA 2023	3
HA 2043	3
HA 2813	3
Total Hours	15

Spring	Credits
ACCT 2033	3
COMM 2173	3

# Hospitality Program

Spring	Credits
HA 2053	3
HA 2073	3
HA 2914	4
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
HA 2063	3
HA 3173	3
Total Hours	12

Spring	Credits
FAH 1XXX <sup>1</sup>	3
PE 2513	3
HA 3113 / RP 3113	3
HA 3183	3
HA 4073	3
Total Hours	15

Fall	Credits
BUAD 3023	3
MGMT 3003	3
HA 3013	3
HA 3163	3
HA 4063	3
Total Hours	15

Spring	Credits
HA 4001 / RP 4001	1
HA 4023	3
HA 4033	3
HA 4053	3

Spring	Credits
HA 4203	3
Total Hours	13

### Senior 9th Semester

Fall	Credits
HA 4114 <sup>3</sup>	4
HA Electives <sup>2</sup>	2
Total Hours	6

1See appropriate alternatives or substitutions in "General Education Requirements".

2See Departmental Advisor.

3Internship must be completed in last semester after all coursework has been completed.

# BACHELOR OF SCIENCE IN HOSPITALITY ADMINISTRATION - FOODSERVICE

The Foodservices Management Emphasis prepares students for management careers in the food and beverage industries as well as managed foodservice. This emphasis will provide the knowledge and skills necessary for a comprehensive management background in this dynamic and ever-changing hospitality industry. Restaurants are the nation's largest private-sector employer.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1014	4
COMS 1003	3
HA 1001	1
HA 1043	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CHEM 1113 and CHEM 1111	4
MATH 1113	3
HA 1011	1
HA 2133 / RP 2133	3
Total Hours	14

# Hospitality Program

Fall	Credits
ECON 2003	3
PSY 2003	3
HA 2023	3
HA 2043	3
HA 2813	3
Total Hours	15

Spring	Credits
ACCT 2033	3
COMM 2173	3
HA 2053	3
HA 2073	3
HA 2914	4
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
HA 2063	3
HA 3173	3
HA 4063	3
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
PE 2513	3
HA 3113 / RP 3113	3
HA 4073	3
Total Hours	12

Fall	Credits
MGMT 3003	3
HA 3013	3

Fall	Credits
HA 3163	3
HA 4986	6
Total Hours	15

Spring	Credits
BUAD 3023	3
HA 4001 / RP 4001	1
HA 4023	3
HA 4033	3
HA 4203	3
Total Hours	13

### Senior 9th Semester

Fall	Credits
HA 4114 <sup>3</sup>	4
HA Electives <sup>2</sup>	2
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN HOSPITALITY ADMINISTRATION - LODGING **MANAGEMENT**

The Lodging Management Emphasis prepares students for management careers in hotels, lodging, resorts, and public and private clubs. This emphasis will analyze competitive strategies, leadership styles, teamwork, and technology in this dynamic and ever-changing hospitality industry.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1014	4
COMS 1003	3
HA 1001	1
HA 1043	3
Total Hours	14

<sup>&</sup>lt;sup>2</sup>See Departmental Advisor.

<sup>&</sup>lt;sup>3</sup>Internship must be completed in last semester after all coursework has been completed.

# Hospitality Program

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CHEM 1113 and CHEM 1111	4
MATH 1113	3
HA 1011	1
HA 2133 / RP 2133	3
Total Hours	14

# Sophomore

Fall	Credits
PSY 2003	3
ECON 2003	3
HA 2023	3
HA 2043	3
HA 2813	3
Total Hours	15

Spring	Credits
COMM 2173	3
ACCT 2033	3
HA 2053	3
HA 2073	3
HA 2914	4
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
HA 2063	3
HA 3143	3
HA 3173	3
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
PE 2513	3

Spring	Credits
HA 3113 / RP 3113	3
HA 4073	3
Total Hours	12

#### **Senior**

Fall	Credits
MGMT 3003	3
HA 3013	3
HA 3163	3
HA 4243	3
HA 4093 / RP 4093	3
Total Hours	15

Spring	Credits
BUAD 3023	3
HA 4001 / RP 4001	1
HA 4023	3
HA 4033	3
HA 4203	3
Total Hours	13

### Senior 9th Semester

Fall	Credits
HA 4114 <sup>3</sup>	4
HA Electives <sup>2</sup>	2
Total Hours	6

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# CERTIFICATE OF PROFICIENCY IN CASINO AND GAMING INDUSTRY

The Certificate of Proficiency in Casino and Gaming Industry is designed for business/non-major students interested in casino careers, gaming professional development opportunities, hospitality and tourism professionals, and educators seeking to re-skill and expand their knowledge in casino management.

The certificate of proficiency in Casino and Gaming Industry requires the following 12 semester credit hours:

### **CURRICULUM**

<sup>&</sup>lt;sup>2</sup>See Departmental Advisor.

<sup>&</sup>lt;sup>3</sup>Internship must be completed in last semester after all coursework has been completed.

- BLAW 2033
- HA 1043
- HA 2203
- HA 2903

# TECHNICAL CERTIFICATE IN CASINO AND GAMING INDUSTRY MANAGEMENT

The Technical Certificate in Casino and Gaming Industry Management expands on the Certificate of Proficiency and is designed for business/non-major students interested in casino careers, gaming professional development opportunities, hospitality and tourism professionals, and educators seeking to re-skill and expand their knowledge in casino management.

The Technical Certificate in Casino and Gaming Industry Management requires the following 32 semester credit hours:

### **CURRICULUM**

### **General Education Requirements:**

- ENGL 1013
- MATH 1003

### **Major Requirements:**

- ACCT 2033
- BLAW 2033
- HA 1011
- HA 1043
- HA 2063
- HA 2073
- HA 2203
- HA 2903HA 2914

# **PARKS & RECREATION PROGRAM**

# BACHELOR OF SCIENCE IN RECREATION & PARK ADMINISTRATION -**INTERPRETATION**

The Interpretation Emphasis prepares students to lead communications about nature, culture, and history related to parks, recreation areas, museums, or other organizations in which they work. Students are required to minor in Anthropology, Biology, or History.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
GEOL 1014	4
RP 1001	1
RP 1013	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
BIOL 1014	4
COMS 1003	3
Total Hours	13

Fall	Credits
PSY 2003	3
COMM 2003	3
RP 2003	3
Elective	3
Total Hours	12

Spring	Credits
SS 1XXX <sup>1</sup>	3
LBMD 2001	1

# Parks & Recreation Program

Spring	Credits
RP 2013	3
RP 2033	3
Elective in Minor <sup>2</sup>	3
Total Hours	13

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
RP 3013	3
RP 3033	3
RP 3034	4
RP 3093	3
Total Hours	16

Spring	Credits
RP 3043	3
RP 3063	3
RP 3403	3
Elective in Minor <sup>2</sup>	7
Total Hours	16

Fall	Credits
FAH 1XXX <sup>1</sup>	3
RP 4013	3
RP 4103	3
RP 3113 / HA 3113	3
Elective in Minor <sup>2</sup>	3
Total Hours	15

Spring	Credits
ANTH 4403 / HIST 4403 / MUSM 4403	3
RP 4001	1
RP 4023	3
RP Major Electives <sup>3</sup>	3

Spring	Credits
Elective in Minor <sup>2</sup>	5
Total Hours	15

### Senior 9th Semester

Fall	Credits
RP 4114	4
RP Major Elective <sup>3</sup>	2
Total Hours	6

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN RECREATION & PARK ADMINISTRATION - NATURAL **RESOURCE**

The Natural Resource Emphasis prepares students to manage large parks, natural areas, and associated visitor facilities. Planning and management of land and water resources to provide outdoor recreation opportunities.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
CHEM 1113 and CHEM 1111 or GEOL 1014	4
RP 1001	1
RP 1013	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
BIOL 2124 or BIOL 2134	4
MATH XXXX <sup>1</sup>	3
COMS 1003 <sup>1</sup>	3
Total Hours	16

<sup>&</sup>lt;sup>2</sup>Students must minor in Anthropology, History or Biology. See Departmental Advisor.

<sup>&</sup>lt;sup>3</sup>Students must select from the following list of RP courses: RP 1993, RP 3023, RP 3053, RP 3133 / HA 3113, RP 3993, RP 4053, RP 4093 / HA 4093, RP 4951, RP 4952, RP 4953, RP 4954, RP 4991, RP 4992, RP 4993.

<sup>&</sup>lt;sup>4</sup>Internship must be completed in last semester after all coursework has been completed.

# **Sophomore**

Fall	Credits
PSY 2003	3
FAH 1XXX <sup>1</sup>	3
LBMD 2001	1
RP 2003	3
RP Major Elective <sup>3</sup>	4
Total Hours	14

Spring	Credits
COMM 2003	3
RP 2013	3
RP 2033	3
Approved Elective <sup>2</sup>	4
Total Hours	13

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
RP 3013	3
RP 3033	3
RP 3034	4
RP 3093	3
Total Hours	16

Spring	Credits
RP 3043	3
RP 3053	3
RP 3063	3
RP 3403	3
Approved Elective <sup>2</sup>	3
Total Hours	15

Fall	Credits
HA 3013	3
RP 4013	3
RP 4063	3
RP 4103	3
Total Hours	12

Spring	Credits
RP 3113 / HA 3113	3
HA 4001	1
RP 4023	3
RP 4053	3
RP Major Elective <sup>3</sup>	1
Approved Elective <sup>2</sup>	3
Total Hours	14

#### Senior 9th Semester

Fall	Credits
RP 4114 <sup>4</sup>	4
RP Major Electives <sup>3</sup>	2
Total Hours	6

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

BIOL 1014, BIOL 1114, BIOL 2124, BIOL 2134, or any 3000 or 4000 level BIOL course

FW 2003, or any 3000 or 4000 level FW course

GEOL 1014 or GEOL 3153, AGEG 3203

AGPS 1024, AGPS 1033 or AGPS 3244, AGSS 2014

FW 2833 / GEOG 2833

# BACHELOR OF SCIENCE IN RECREATION & PARK ADMINISTRATION **RECREATION SPORT**

The Recreation Sport Management Emphasis prepares students to work in community and campus organizations, as well as recreation businesses, developing and managing recreation and sport programs and venues. Students in this emphasis gain knowledge in administration, turfgrass and facilities management, recreation programming and leadership.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

<sup>&</sup>lt;sup>2</sup>See Departmental Advisor or select from the following list:

<sup>&</sup>lt;sup>3</sup>Choose from the following RP courses: RP 1993, RP 3763, RP 3793, RP 3993, RP 4043, RP 4991, RP 4992, or RP 4993.

<sup>&</sup>lt;sup>4</sup>Internship must be completed in last semester after all coursework has been completed.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
RP 1001	1
RP 1013	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
COMS 1003	3
Total Hours	13

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
PSY 2003	3
LBMD 2001	1
RP 2003	3
Total Hours	13

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMM 2003	3
RP 2013	3
RP 2033	3
RP 3023	3
Total Hours	15

## Junior

Fall	Credits
RP 3013	3
RP 3033	3
RP 3034	4
RP 3763	3
Approved Elective <sup>2</sup>	3
Total Hours	16

Spring	Credits
RP 3043	3
RP 3063	3
RP 3403	3
RP 3503	3
RP 3793	3
Total Hours	15

## Senior

Fall	Credits
HA 3013	3
RP 4013	3
RP 4063	3
RP 4103	3
Approved Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
RP 3113 / HA 3113	3
HA 4001	1
RP 4023	3
RP 4093 / HA 4093	3
RP 4753	3
Total Hours	13

## Senior 9th Semester

Fall	Credits
RP 4114 <sup>3</sup>	4
Approved Elective <sup>2</sup>	2

Fall	Credits
Total Hours	6

# BACHELOR OF SCIENCE IN RECREATION & PARK ADMINISTRATION - THERAPEUTIC RECREATION

The Therapeutic Recreation Emphasis prepares students for a career as a Certified Therapeutic Recreation Specialist (CTRS) working with special populations in clinical and community recreation environments. The specialized TR emphasis prepares students for national certification under guidelines established by the National Council for Therapeutic Recreation Certification.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
RP 1001	1
RP 1013	3
Total Hours	13

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
COMS 1003	3
Total Hours	13

## **Sophomore**

Fall	Credits
PSY 2003	3
COMM 2003	3
BIOL 2004	4
RS 2003	3

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>See Departmental Advisor.

<sup>&</sup>lt;sup>3</sup>Internship must be completed in last semester after all coursework has been completed.

Fall	Credits
RP 2003	3
Total Hours	16

Spring	Credits
SS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
LBMD 2001	1
PSY 3813	3
RP 2033	3
Total Hours	13

## Junior

Fall	Credits
RP 3013	3
RP 3033	3
RP 3034	4
RP 3403	3
RP 4073	3
Total Hours	16

Spring	Credits
PSY 3003	3
RP 3023	3
RP 3043	3
RP 3063	3
RP 4173	3
Total Hours	15

## Senior

Fall	Credits
AHS 2013	3
PE 4103	3
RP 4103	3
RP 4273	3
RP 4373	3

## Parks & Recreation Program

Fall	Credits
Total Hours	15

Spring	Credits
RP 3113 / HA 3113	3
RP 4001	1
RP 4023	3
RP 4473	3
RP 4573	3
Total Hours	13

## Senior 9th Semester

Fall	Credits
RP 4116 or RP 4114 and RP 4112 <sup>2</sup>	6
Total Hours	6

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Internship must be completed in last semester after all coursework has been completed.

# **COLLEGE OF EDUCATION & HEALTH**

## COLLEGE OF EDUCATION AND HEALTH

## **Departments**

- · Emergency Management, Professional Studies, and Student Affairs Administration
- · Kinesiology & Rehabilitation Science
- Nursing
- · Teaching & Educational Leadership

## **Programs of Study**

The College of Education and Health offers programs of study leading to baccalaureate degrees as listed below (For graduate degree offerings, please see the Arkansas Tech University Graduate Catalog.):

#### **Bachelor of Science**

Applied Science

**Elementary Education** 

Emergency Management

Middle Level Education

English/Language Arts

Mathematics

Social Studies

Science

Health and Exercise Science

Health & Physical Education (Teacher and Coaching Education)

Rehabilitation Science

Secondary Education<sup>1</sup>

Agriculture

Computer Science

Mathematics

## Bachelor of Arts<sup>1</sup>

Secondary Education

Art

English

Social Studies

World Language with Concentration in Spanish Education

Organizational Leadership

Agriculture Business Concentration

Child Development Concentration

Criminal Justice Concentration

**Emergency Management** 

Industrial/Organizational Psychology

Inter-College Concentration

**Public Relations Concentration** 

#### Bachelor of Music Education with Secondary Education options in:

Instrumental Music

Keyboard Instrumental Music

Keyboard Vocal Music

Vocal Music

#### Bachelor of Nursing options in:

BSN Pre-licensure Program LPN to BSN Program RN to BSN Program

#### **Bachelor of Professional Studies:**

Interdisciplinary Studies Concentration

<sup>&</sup>lt;sup>1</sup>Teacher candidate preparing to teach in secondary schools must complete the courses required for specialization in a teaching concentration. These are listed in departmental sections of the catalog and recommended curricula patterns, including teacher licensure requirements, set forth in the College of Education and Health section of this catalog.

#### **Emergency Management and Professional Studies at Arkansas Tech**

Arkansas Tech University offers baccalaureate degrees in emergency management and professional studies. The university has offered the Bachelor of Science degree in Emergency Management since 1997. This College of Education and Health program is nationally accredited through the Council for the Accreditation of Emergency Management and Homeland Security Education. In this program, students will explore emergency planning and preparedness, cultural considerations and natural human behavior, appropriate responses, political and legal applications within the field, and ethical foundations for emergency management professionals. The degree is available both on campus and through distance education.

The program employs the comprehensive emergency management approach (four phases and all hazards) required for various careers in the private sector, non-profit, and government agencies ranging from the local to federal levels. Some of these applications include business continuity, cyber security, risk assessment, preparedness, and planning. Please see the Emergency Management, Professional Studies, and Student Affairs Administration page of this catalog to examine specific information and program criteria.

The College of Education and Health offers three Professional Studies' degree programs designed to meet the unique learning outcomes and career-progression goals of both traditional and non-traditional students. The Bachelor of Arts in Organizational Leadership (BA-OL) provides a 42-hour professional core to provide the student with a foundation in the emerging academic and career-field of organizational leadership. Additionally, BA-OL program students chose from one of several 18-hour concentration areas.

The Bachelor of Applied Science (BAS) program offers a pathway to a four-year undergraduate degree for individuals who earned an Associate of Applied Science (A.A.S.) or similar two-year degree. The Bachelor of Professional Studies program is the most flexible program available for those who seek to complete a four-year degree by maximizing prior academic credit. Students complete the necessary hours for all degree programs within a convenient yet directed scheduling format under the guidance of academic advisors who understand the unique needs of adult learners. The Bachelor of Professional Studies (BPS) primary target groups include:

- · Students graduating from community colleges
- Degree "stop-outs" who began but never completed a bachelor's degree
- Individuals who have accumulated hours that cannot be applied toward a specific major.

The curriculum is designed to enhance workplace skills such as planning, organizational behavior, ethics, needs assessment, problem solving, communications, human resources, and technology applications. Please see the Emergency Management, Professional Studies, and Student Affairs Administration page of this catalog to examine specific information and program criteria.

## Kinesiology and Rehabilitation Science at Arkansas Tech

The programs in the Department of Kinesiology & Rehabilitation Science within the College of Education and Health are designed to prepare students for lifelong growth in the physical, intellectual, cultural, emotional and social dimensions. These goals and objectives are met through the qualified faculty's presentation of research-based information, utilizing the latest technology.

The department offers two degree tracks in kinesiology. The first track is Health and Physical Education Teaching and Coaching K-12 licensure. This is a nationally recognized program through the Society of Health and Physical Educators (SHAPE). The second track is Health and Exercise Science. This track is oriented toward preparing students to be strength/conditioning professionals, fitness professionals, and/or for the pursuit of advanced degrees. Please see the Kinesiology and Rehabilitation Science page of this catalog to examine specific information and program criteria.

The Rehabilitation Science curriculum is accredited by the Commission on Accreditation or Allied Health Education Programs (CAAHEP). The program is designed to produce undergraduate rehabilitation generalists who have training and experience conducive to successful careers in various rehabilitation service programs. Within the Rehabilitation Science major five minors are offered: 1) Addictions, 2) Aging, 3) Child Welfare and Social Services, 4) Disabilities Studies, and 5) Recreation Services. Students must choose at least one of these minors in order to complete the requirements for the degree. Please see the Kinesiology and Rehabilitation Science page of this catalog to examine specific information and program criteria.

## **Nursing at Arkansas Tech**

Arkansas Tech University's nursing curriculum is designed to prepare students for beginning professional responsibilities in a variety of health-care settings and to provide the necessary foundations for graduate study. The Bachelor of Science in Nursing (BSN) and the Master of Science in Nursing Administration and Emergency Management (NAEM) nursing programs at Arkansas Tech University located in Russellville, AR are accredited by the: Accreditation Commission for Education in Nursing (ACEN) 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326, Phone: (404) 975-5000, Web site: www.acenursing.org). The most recent accreditation decision by the ACEN Board of Commissioners for the Bachelor of Science in Nursing (BSN and RN-BSN) and the Master of Science in Nursing Administration and Emergency Management (NAEM) nursing programs is Continuing Accreditation. The BSN program is approved by the Arkansas State Board of Nursing (Address: University Tower Bldg., 1123 South University, Suite 800, Little Rock, AR 72204-1619, Phone: (501) 686-2700) and the Arkansas Department of Higher Education.

The department of nursing within the College of Education and Health offers undergraduate study in nursing to qualified high school graduates, graduates of diploma and associate degree programs in nursing, licensed psychiatric technician nurses, and licensed practical nurses. The baccalaureate program leads to the degree of bachelor of science in nursing. Please see the Nursing page of this catalog to examine specific information and program criteria.

#### Teaching and Educational Leadership at Arkansas Tech

The College of Education and Health provides guidance and professional courses for the teacher candidate who plans to teach in elementary, middle level, and secondary schools. The teacher education programs are accredited by the Council for the Accreditation of Educator Preparation (CAEP). In

addition to this national accreditation, numerous Arkansas Tech University educator licensure programs have received specialized national program recognition or national specialty accreditation, which includes all programs for which these national honors are available.

Teacher candidates who plan to teach physical education, elementary education, or middle level must enroll in the College of Education and Health. Those who elect to prepare for teaching in other fields must enroll in the college appropriate to their interests in teaching and areas of content (e.g., Secondary English Language Arts, Secondary Mathematics, etc.).

For the freshman or sophomore teacher candidate who has not selected a major or specific teaching level or area, the College recommends enrollment in the undeclared program (see "Undecided Study"). In addition to taking the required general education courses, teacher candidates in this program are encouraged to take electives that will provide them with content and skill expertise and help them select a major field. Advisors in this program are selected to provide guidance to undecided teacher candidates. Please see the Teaching & Educational Leadership page of this catalog to examine specific teacher education information and program criteria.

The College of Education and Health also offers a two-year associate of science degree in early childhood education. The early childhood education courses provide the academic requirements for meeting assessment guidelines for the Child Development Associate (CDA) credential. The general education courses can be applied toward the Bachelor of Professional Studies degree in Child Development. The early childhood program is not a teacher-licensure program (It does not lead to a teaching license.), but it is designed for those individuals pursuing a career in child care and early childhood education in public and private sectors. Please see the Teaching & Educational Leadership page of this catalog to examine specific teacher education information and program criteria.

# DEPARTMENT OF TEACHING AND EDUCATIONAL LEADERSHIP

## DEPARTMENT OF TEACHER AND EDUCATIONAL LEADERSHIP

The Department of Teaching and Educational Leadership offers programs leading to a bachelor's degree and/or licensure in three areas: Elementary Education (Grades K-6), Middle Level Education, (Grade 4-8) and Secondary Education (The grade level preparation includes 7-12, 4-12, or K-12 depending on the secondary major field pursued). In addition to these bachelor's programs, the Department offers an associate's degree program in Early Childhood Education.

The College of Education and Health provides guidance and professional courses for the teacher candidate who plans to teach in elementary, middle level, and secondary schools. The teacher education program is accredited by the Council for the Accreditation of Educator Preparation (CAEP). In addition to this national accreditation, numerous Arkansas Tech University educator licensure programs have received specialized national program recognition or national specialty accreditation, which includes all programs for which this national honor is available.

Teacher candidates who plan to teach physical education, elementary education, or middle level must enroll in the College of Education and Health. Those who elect to prepare for teaching in other fields must enroll in schools appropriate to their interests in teaching and areas of content.

For the freshman or sophomore teacher candidate who has not selected a major or specific teaching level or area, the College recommends enrollment in the undeclared program (see "Undecided Study"). In addition to taking the required general education courses, teacher candidates in this program are encouraged to take such electives as will provide them a good liberal education and help select a major field. Advisors in this program are selected to provide guidance to undecided teacher candidates.

In making a decision to enter the teaching profession, teacher candidates should seriously consider the demands which this choice entails. Among these are scholarship and intellectual curiosity; an interest in children and young people, and an understanding of their interests, problems, and development; a thorough understanding of the principles and skills employed by effective teachers, a demonstration of expected professional dispositions; and an interest in and understanding of the role of the school in our society.

Teacher candidates who elect the professional program in teacher education will complete their study in at least two stages. See the appropriate catalog section for the requirements for specific programs. Some courses in the area of specialization should also be completed. **Admission to Arkansas Tech University is a prerequisite to, but separate from, admission to teacher education.** Declaration of a major in one of the University's teacher education programs is also a prerequisite to making formal application for admission to teacher education. Even though admission to Tech and declaration of a teaching major are necessary conditions for admission to teacher education, they are not the only requirements. Other criteria are listed in the section below.

#### Admission & Retention in Teacher Education at Tech

Professional programs are composed of courses and experiences designed to complete the undergraduate stage of professional preparation for teaching. Before a teacher candidate may enroll in professional education courses at the upper division level (the required 3000 and 4000 level professional education courses), he or she must be formally admitted to teacher education at Tech. Applications may be submitted electronically to the office of the Director of Teacher Education Student Services (Crabaugh 109).

To be admitted to programs in secondary education, teacher candidates must have two assigned advisors, one from the College of Education and Health and one from the department representing their teaching concentration, have the approval of both advisors, satisfactorily complete the preadmission requirements, have a cumulative grade point average of 2.70 on all college work completed including transfer work, and submit a plan of study approved by both advisors. An elementary education or middle level education major will have one advisor from the Department of Teaching and Educational Leadership. Admission to teacher education will be recommended by the academic advisors based on the following considerations: completion of English composition courses, an oral communication course, the appropriate college-level mathematics course, and the appropriate introductory education course with grades of "C" or higher. Other factors which reflect professional competence, including moral and emotional stability, physical and mental health, intellectual curiosity, use of English, social awareness, and professional interest will be considered. Formal screening and subsequent admission into teacher education and the monitoring of satisfactory progress in the teacher preparation program represent institutional obligations to the teaching profession, the schools served by and working with the University's programs, and the agencies that approve and accredit teacher education programs. Once admitted to teacher education, the teacher candidate must maintain satisfactory progress throughout the completion of the teacher education program according to the standards cited above and any additional program standards in effect or lose eligibility to continue in that program. Course sequences and prerequisites will be followed carefully.

#### **Admission Decision Appeals**

A formal appeal of a decision to deny admission to teacher education may be made to the Office of Teacher Education Student Services. Instructions and forms for such appeals are available on the Teacher Education Student Services' website. An appeal should be based upon exceptional or extenuating circumstances and/or other pertinent information not previously available or considered. A formal appeal must be submitted in writing to the Dean who will transmit it to the Committee. The Committee's recommendation may be appealed in writing to the Director of Teacher Education Student Services. The Committee's recommendation will be reviewed by the Dean of the College of Education and Health regarding admission to teacher education. If the appeal is not resolved at this level the teacher candidate may appeal to the Vice President for Academic Affairs whose decision will be final.

#### Internship

Internship is the capstone of the teacher preparation program. Placements are the responsibility of the College of Education and Health and are selected on the basis of providing the best experience available for the teacher candidate.

The assignments require full day experiences for the semester. Teacher candidates should make plans with these requirements in mind.

#### Criteria for Internship

Internship is normally expected to be the last requirement completed in teacher education programs. Internship requires a full-time academic and professional commitment. Internship requires the teacher candidate to devote one semester of the senior year to full-time internship in an approved school. The teacher candidate should plan the work of internship to provide one semester free of activities and responsibility which would interfere with the requirements of the professional semester. The teacher candidate is expected to follow the direction of the Field-Based Teacher, the School Principal, the Arkansas Tech University Supervisors, and the Arkansas Tech University Director of Teacher Education Student Services.

Admission requirements for secondary education include completion of all professional education courses, a minimum grade of "C" in all courses required for the teaching field and professional education, and a cumulative grade point average of 2.70 on all work attempted, including transfer work. Admission requirements for elementary education and middle level education include no grade below "C" in any course work with a cumulative grade point average of 2.70 on all work attempted, including transfer work. Internship admission requires a Praxis II Specialty Area score which meets or exceeds the minimum scores established by the Arkansas Division of Elementary and Secondary Education.

#### **Appeals of Internship Eligibility Decisions**

Decisions made regarding a teacher candidate's eligibility and readiness for placement or retention in internship may be appealed in writing to the Director of Teacher Education Student Services. The appeal will be transmitted to the Appeals Committee. The Committee's recommendation regarding an appeal is forwarded to the Dean. If the appeal is not resolved at that level, the teacher candidate may appeal to the Vice President for Academic Affairs whose decision is final. Appeals should be based on exceptional or extenuating circumstances and/or pertinent information not previously available or considered.

#### **Internship Application Process**

Teacher candidates must submit a formal application for submission to internship for the spring semester prior to October 15 of the previous fall semester to be considered for the internship experience. Applicants for the fall semester must submit the application prior to March 15 of the spring semester. Failure to meet these deadlines could result in the delay of internship for a semester. Priority in internship placement will be given to those teacher candidates meeting the deadlines and preregistering for internship for the given semester.

Application forms for internship may be obtained on the Teacher Education Student Services website.

Elementary Education candidates may accomplish internship by enrolling in ELED 4912. Middle level candidates may accomplish internship by enrolling in MLED 4912. Secondary candidates may accomplish internship by enrolling in SEED 4809 or SEED 4909 and SEED 4503, and any other courses required in their teaching concentration. Assignment of the teacher candidate to an approved site for internship is the responsibility of the College of Education and Health based on policies developed by the College of Education and Health. Placements are chosen to provide the best educational experience for the teacher candidate.

Applicants for admission to Stage II or internship must meet the requirements that are in effect at the time of application. The requirements for admission and retention as published in the policies and procedures handbook of the Arkansas Tech University Teacher Education Program will supersede catalog information.

#### Transfer Students

Applicability of transfer credit to meet specific degree requirements depends on the major selected by the transfer student. The transfer student should review the Transfer Credit policy in the Admission section of this catalog and meet with their academic advisor to determine final transfer credit eligibility for the selected program of study.

#### **Requirements for Teacher Licensure**

All candidates for licensure must successfully complete the appropriate specialty area exams of Praxis II. Teacher candidates must also successfully complete the appropriate Praxis II, *Principles of Learning and Teaching* assessment. Scores must be sent directly from the Educational Testing Service (ETS) to Arkansas Tech University.

#### **Praxis Series**

Please refer to Item E under the "Requirements for Baccalaureate Degrees".

The Congress of the United States, in its reauthorization of Title II of the Higher Education Act of 1998, enacted accountability measures requiring institutions of higher education to report data to the public on the pass-rates of teacher candidates on assessments required for state licensure. In addition to pass rates, candidates must complete well over 400 hours in the classroom during internship and the average faculty-teacher candidate ratio in

supervised practice teaching is 5.0. All programs are approved by the Arkansas Division of Elementary and Secondary Education (DESE, formerly the Arkansas Department of Education).

#### **Contact Information**

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#### **Professors**

David Bell, Rebecca Callaway, Tim Carter, Theresa Cullen, Shellie Hanna, Jackie Paxton

**Associate Professors** 

Lydia Brauer, Mohamed Ibrahim, Timothy Leggett, Debra Murphy, Teresa Toland

**Assistant Professors** 

David Smith, Heather Stefanski

For more information, please visit www.atu.edu/ci

## ASSOCIATE OF SCIENCE IN EARLY CHILDHOOD EDUCATION

The Associate of Science in Early Childhood Education is an online degree structured to provide a seamless acquisition of academic requirements for various career levels in occupations related to child care and early childhood education in the public and private sectors. The early childhood education courses provide the academic requirements for meeting assessment guidelines for the Child Development Associate (CDA) credential. The general education courses can be applied toward the Bachelor of Professional Studies degree in Child Development.

## **Early Childhood Education Associate Degree**

- · Demonstrate knowledge and understanding of child development and learning
- · Know about, understand, and value the role of a child's family, culture, and community in children's lives
- · Work cooperatively with parents, using an understanding of the family as a context for young children's development
- · Demonstrate knowledge, skills, and dispositions of a reflective early childhood practitioner
- · Demonstrate knowledge of health, safety, nutrition, and administrative guidelines
- Develop a thorough understanding of child development and the value of play in children's learning
- Design developmentally-appropriate curriculum and classroom practices
- Adhere to ethical practices in the field of early childhood education

#### **Program of Study**

General Education coursework or enrollment in courses as needed: 35 hours

#### Required Coursework: 25 hours

- TECH 1001
- ECE 2113
- ECE 2313
- ECE 2513
- ECE 2613
- ECE 2991
- NUR 2303

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
ECE 2113	3
TECH 1001	1
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CM 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
ECE 2313	3
Total Hours	16

## **Sophomore**

Fall	Credits
FAH 1XXX <sup>1</sup>	6
ECE 2513	3
ECE 2613	3
Total Hours	12

Spring	Credits
USHG 1XXX <sup>1</sup>	3
ECE 2991 <sup>2</sup>	9
NUR 2303	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## BACHELOR OF SCIENCE IN ELEMENTARY EDUCATION

The Elementary Education program meets the needs of today's children building on the common core of knowledge, performance, and dispositions needed for professional educators in elementary education. This program is designed for those individuals preparing to teach in grades K-6.

There are three stages in the Bachelor of Science Elementary Education Degree program. Teacher candidates begin the first stage by taking general education requirements and are introduced to basic concepts, theory and practices.

During the second stage teacher candidates complete general education requirements and take courses specifically designed to prepare them for the education profession. Admission requires a minimum cumulative grade point average of 2.70 on all college work attempted with no grade below "C" (including work from other colleges and universities).

During the third stage of the elementary program, teacher candidates are placed in an appropriate environment for their internship. Admission to this stage requires a minimum grade point average of 2.70 with no grade below "C" in all courses and a satisfactory score on the licensure exam as established by the Arkansas Department of Education. Teacher candidates should make application for admission to the internship for the spring semester by October 15, or the fall semester by March 15.

See the College of Education and Health page for additional requirements.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1014	4
MATH 1003	3
COMM 2173	3
EDFD 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1503	3
Social Studies Course (History, Economics, and/or Geography)	3
PHSC 1013	3
PHSC 1021	1
POLS 2003	3
Total Hours	16

#### **Sophomore**

Fall	Credits
EDMD 3013	3
HIST 1903	3
MATH 2033	3
GEOL 1004	4
ELED 2003	3
Total Hours	16

Spring	Credits
ART 2123	3

Spring	Credits
MUS 2003	3
MATH 2043	3
SPED 2023	3
ELED 2113	3
Total Hours	15

## Junior

Fall	Credits
MATH 3033	3
RDNG 3003	3
SPED 3033	3
ELED 3123	3
ELED 3133	3
Total Hours	15

Spring	Credits
BIOL 3243/PHSC 3243	3
HIST 2153	3
RDNG 3163	3
SPED 3153	3
ELED 3143	3
Total Hours	15

## Senior

Fall	Credits
PHSC 3253/BIOL 3253	3
RDNG 4003	3
ELED 4003	3
ELED 4033	3
ELED 4903	3
Total Hours	15

Spring	Credits
RDNG 4013	3
ELED 4909	9
PE 3593	3
Total Hours	15

Department of Teaching and Educational Leadership		
<sup>1</sup> See appropriate alternatives or substitutions in "General Education Requirements".		

## MIDDLE EDUCATION

## BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background. The teaching candidate entering the middle-level program must complete *one of the following combinations*:

English/Language Arts and Social Studies

English/Language Arts, Social Studies and Math

English/Language Arts, Social Studies and Science

Math and English/Language Arts

Math and Science

Math and Social Studies

Math, Science and English/Language Arts

Math, Science and Social Studies

Science and English/Language Arts

Science and Social Studies

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 15 or for the fall semester by March 15. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education and Health page for additional requirements.

#### **Concentrations**

#### English/Language Arts

- ENGL 2043
- ENGL 2063
- ENGL 3013
- ENGL 3323

#### Social Studies

- ECON 2003
- GEOG 2013
- HIST 2013

#### Math

- MATH 1203
- MATH 2043
- MATH 3033
- STAT 2163

#### Science

- BIOL 2004
- GEOL 1004
- PHYS 1114
- BIOL 3223/PHSC 3223

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - MATH, SCIENCE, AND ENGLISH/LANGUAGE ARTS

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

## Concentrations<sup>3</sup>

#### English/Language Arts

- ENGL 2043
- ENGL 2063
- ENGL 3013
- ENGL 3323

#### Math

- MATH 1203
- MATH 2043
- MATH 3033
- STAT 2163

#### Science

- BIOL 2004
- GEOL 1004
- PHYS 1114
- BIOL 3223/PHSC 3223

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3

Fall	Credits
BIOL 1114	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	9
Total Hours	18

## Junior

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Concentration <sup>3</sup>	3

Fall	Credits
Total Hours	18

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	13
Total Hours	18

#### Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION- SCIENCE AND ENGLISH/LANGUAGE ARTS

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the Math, Science, and English/Language Arts concentrations above.

See the College of Education page for additional requirements.

## **Concentrations**<sup>3</sup>

## English/Language Arts

- ENGL 2043
- ENGL 2063ENGL 3013
- ENGL 3323

#### Science

- BIOL 2004
- GEOL 1004
- PHYS 1114
- BIOL 3223/PHSC 3223

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL 1114	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

## **Sophomore**

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

## Junior

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Total Hours	15

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	7
Elective	3
Total Hours	15

## Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

 $<sup>^1\</sup>mathrm{See}$  appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the Science and English/Language Arts concentrations above.

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - ENGLISH/LANGUAGE ARTS AND SOCIAL STUDIES

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

#### Concentrations<sup>3</sup>

#### English/Language Arts

- ENGL 2043
- ENGL 2063
- ENGL 3013
- ENGL 3323

#### Social Studies

- ECON 2003
- GEOG 2013
- HIST 2013

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL XXXX <sup>1</sup>	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3

Spring	Credits
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

## Junior

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Total Hours	15

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	1
Elective	9

Spring	Credits
Total Hours	15

#### Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - ENGLISH/LANGUAGE ARTS, SOCIAL STUDIES, AND MATH

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

#### Concentrations<sup>3</sup>

#### English/Language Arts

- ENGL 2043
- ENGL 2063
- ENGL 3013
- ENGL 3323

#### **Social Studies**

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the English Language/Arts and Social Studies concentrations above.

- ECON 2003
- GEOG 2013
- HIST 2013

## Math

- MATH 1203
- MATH 2043
- MATH 3033
- STAT 2163

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL XXXX <sup>1</sup>	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

## **Sophomore**

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3

Spring	Credits
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

## Junior

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Total Hours	15

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	13
Total Hours	18

## Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - ENGLISH/LANGUAGE ARTS, SOCIAL STUDIES, AND SCIENCE

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the English/Language Arts, Social Studies and Math concentrations above.

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

### Concentrations<sup>3</sup>

#### English/Language Arts

- ENGL 2043
- ENGL 2063
- ENGL 3013
- ENGL 3323

#### **Social Studies**

- ECON 2003
- GEOG 2013
- HIST 2013

#### Science

- BIOL 2004
- GEOL 1004
- PHYS 1114
- BIOL 3223/PHSC 3223

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL 1114	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

## Junior

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Concentration <sup>3</sup>	3
Total Hours	18

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2

Spring	Credits
Concentration <sup>3</sup>	13
Total Hours	18

#### Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - MATH AND ENGLISH/LANGUAGE ARTS

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

#### Concentrations<sup>3</sup>

#### English/Language Arts

- ENGL 2043
- ENGL 2063
- ENGL 3013

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the English/Language Arts, Social Studies and Science concentrations above.

## • ENGL 3323

## Math

- MATH 1203
- MATH 2043
- MATH 3033
- STAT 2163

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL XXXX <sup>1</sup>	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

## Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3

Spring	Credits
Concentration <sup>3</sup>	6
Total Hours	15

#### **Junior**

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Total Hours	15

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	4
Elective	6
Total Hours	15

## Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - MATH AND SCIENCE

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the Math and English/Language Arts concentrations above.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

## Concentrations<sup>3</sup>

#### Math

- MATH 1203
- MATH 2043
- MATH 3033
- STAT 2163

#### Science

- BIOL 2004
- GEOL 1004
- PHYS 1114
- BIOL 3223/PHSC 3223

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL 1114	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3

Spring	Credits
MLED 2003	3
Total Hours	16

## Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

## Junior

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Total Hours	15

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	7
Elective	3
Total Hours	15

## Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - MATH AND SOCIAL STUDIES

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

## Concentrations<sup>3</sup>

#### Social Studies

- ECON 2003
- GEOG 2013
- HIST 2013

#### Math

- MATH 1203
- MATH 2043
- MATH 3033
- STAT 2163

#### Curriculum

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the Math and Science concentrations above.

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL XXXX <sup>1</sup>	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

## Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

## Junior

Fall	Credits
ENGL 4703	3

Fall	Credits
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Total Hours	15

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	1
Elective	9
Total Hours	15

#### Senior

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - MATH, SCIENCE, AND SOCIAL STUDIES

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the Math and Social Studies concentrations above.

written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

### Concentrations<sup>3</sup>

#### Math

- MATH 1203
- MATH 2043
- MATH 3033
- STAT 2163

#### Science

- BIOL 2004
- GEOL 1004
- PHYS 1114
- BIOL 3223/PHSC 3223

#### **Social Studies**

- ECON 2003
- GEOG 2013
- HIST 2013

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL 1114	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3

Spring	Credits
Total Hours	16

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

# Junior

Fall	Credits
ENGL 4703	3
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Concentration <sup>3</sup>	3
Total Hours	18

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	13
Total Hours	18

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN MIDDLE LEVEL EDUCATION - SCIENCE AND SOCIAL STUDIES

The Middle Childhood/Early Adolescence degree exists to provide quality preservice educational programs and services in preparation for teaching grades 4-8. The program prepares and nurtures interdisciplinary teachers who reflect content knowledge as well as facilitate creative talents.

The program is designed around a conceptual framework which organizes learning expectations and experience into manageable discipline-specific strands including: professional and pedagogical knowledge, knowledge of the student, developmentally appropriate and effective practices, knowledge of integrated disciplines, global and cultural perspectives, technology, and a liberal arts and science background.

The first stage of the middle level program is a pre-professional program and admission to this stage does not constitute approval for admission to the professional program in teacher education. Stage II is the professional stage of the preparation program. Teacher candidates must satisfactorily complete the requirements of the first stage, have a cumulative grade point average of 2.70 on all coursework, complete English composition courses, an oral communication course, a college-level mathematics course, and complete MLED 2003 with grades of "C" or higher. Competence in oral and written grammar will be assessed. Teacher candidates must submit scores from the Core Academic Skills Test that meet or exceed the levels established by the Arkansas Department of Education.

After satisfying all of the requirements at this level, the teacher candidate will apply for internship. Admission to internship requires completion of all professional education courses, senior standing, satisfactory completion of all prerequisites listed in the course descriptions, a minimum grade of "C" in all courses with a cumulative grade point average of 2.70, and the minimum score on the licensure examination as required by the Arkansas Department of Education.

Teacher candidates should complete an application for admission to the internship for the spring semester by October 1 or for the fall semester by March 1. Teacher candidates must present scores on the appropriate licensure examination as directed by the Arkansas Department of Education.

See the College of Education page for additional requirements.

### Concentrations<sup>3</sup>

#### Social Studies

- ECON 2003
- GEOG 2013
- HIST 2013

#### Science

- BIOL 2004
- GEOL 1004
- PHYS 1114
- BIOL 3223/PHSC 3223

#### Curriculum

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the Math, Science, and Social Studies concentrations above.

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
BIOL 1114	4
MATH 1113 <sup>2</sup>	3
TECH 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
PHSC XXXX <sup>1</sup>	4
MATH 2033	3
MLED 2003	3
Total Hours	16

# Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 2003	3
COMM 2003	3
Concentration <sup>3</sup>	8
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2003	3
EDMD 3013	3
Concentration <sup>3</sup>	6
Total Hours	15

# Junior

Fall	Credits
ENGL 4703	3

Fall	Credits
MLED 3062	2
MLED 3024	4
MLED 3034	4
MLED 3102	2
Total Hours	15

Spring	Credits
MLED 3041	1
MLED 3012	2
MLED 3072	2
Concentration <sup>3</sup>	4
Elective	6
Total Hours	15

Fall	Credits
HIST 2153	3
MLED 4004	4
MLED 4023	3
Concentration <sup>3</sup>	6
Total Hours	16

Spring	Credits
MLED 4912	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Any higher level Mathematics course may be substituted for MATH 1113.

<sup>&</sup>lt;sup>3</sup>Select from the Science and Social Studies concentrations above.

# SECONDARY EDUCATION

### **Options for Teacher Licensure**

#### **Bachelor of Science**

- · Agricultural Education
- Computer Science Education
- Mathematics Education
- Physics Education

#### **Bachelor of Arts**

- Art Education
- English Education
- · Social Studies Education
- World Language with Concentration in Spanish Education

#### Bachelor of Music Education with options in:

- Instrumental Music
- · Keyboard Instrumental Music
- · Keyboard Vocal Music
- Vocal Music

The secondary education curriculum is designed to prepare teacher candidates for teaching careers in grade levels 7-12, 4-12, or K-12 depending upon the secondary major field pursued. Teacher candidates completing the CAEP approved program in secondary education will qualify for licensure in an area appropriate to their major field. The program recognizes three important components in the education of a prospective teacher: a strong general education, an in-depth knowledge in a selected teaching field, and a knowledge of the school, various diversity and developmental characteristics of students, and the teaching-learning process.

The unit's conceptual framework is Professionals of the 21st Century. The framework emphasizes the concepts of teacher as instructional leader, reflective decision-maker, and problem solver who has knowledge of the teacher candidate, a strong content and pedagogical knowledge, a commitment to their profession, and a desire to continue their development.

Teacher candidates preparing to teach in secondary schools must complete the courses required for specialization in the appropriate curriculum, see "Curriculum in Secondary Education".

Teacher candidates desiring entrance to the teacher education program in secondary education should apply for admission to Stage II during the second semester of their sophomore year. Teacher candidates who are admitted to Stage II of the teacher education program for secondary teachers enroll jointly in course work for their degree specialization and course work in the Department of Curriculum and Instruction. For example, teacher candidates planning to teach mathematics enroll in the math department and the Department of Curriculum and Instruction. The requirements of both departments must be satisfied.

Teacher candidates should make application for admission to internship for the spring semester by October 1 and for the fall semester by March 1. Teacher candidates must present scores on the Praxis II specialty area test equal to or greater than the state-established level in order to be approved for internship. Any questions concerning internship placement should be addressed to the Director of Teacher Education Student Services located in Crabaugh 109.

#### **Professional Requirements**

Professional requirements for the secondary education program include:

- SEED 2002
- SEED 3702
- SEED 4054
- SEED 4503
- SEED 4556SEED 4809 **OR** SEED 4909

SEED 2002, SEED 3702, SEED 4054, and SEED 4556 must be completed prior to internship.

Secondary teacher education candidates enrolling in internship should register for SEED 4503 and either SEED 4809 or SEED 4909. In addition to the course requirements specified, the state also requires that the applicants for an Arkansas teaching license supply a copy of his/her score on the Praxis II (Principles of Learning and Teaching, if applicable and Specialty Area Tests) and the criminal background check as required by Act 1310. The Specialty Area Test is required for entry into internship. The Principles of Learning and Teaching, if applicable, may be completed during internship (see "Requirements for Teacher Licensure").

See the College of Education and Health page for additional requirements.

### AGRICULTURAL EDUCATION FOR TEACHER LICENSURE

The rapid growth of the Agricultural Education program at Arkansas Tech University mirrors the opportunities for our graduates, and growing need for agriculture teachers throughout the nation. If you had an ag teacher that played a major role in your life and you would like to continue that tradition, Agriculture Education may be the major for you. There are many options subsequent to obtaining an agricultural education degree outside the classroom due to the diversity of the degree and extensive training in demonstration and teaching methods; many of our also alumni have continued on to graduate school, a career in the Cooperative Extension and agriculture industry.

See the College of Education and Health page for additional requirements.

For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1014	4
MATH 1113	3
AGAS 1014	4
AGED 1001	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
COMS 1003	3
AGBU 1013	3
AGED 1013	3
AGPS 1024	4
Total Hours	16

Fall	Credits
FAH 1XXX <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
SEED 2002	2
COMM 2003	3
AGED 2104	4
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
CHEM 1113 and CHEM 1111	4
USHG 1XXX <sup>1</sup>	3
AGED 2203	3
AGEG 3203	3
Total Hours	16

Fall	Credits
SS 1XXX <sup>1</sup>	3
AGBU 3013	3
AGED 3033	3
AGLE 3003	3
AGPS 3044	4
Total Hours	16

Spring	Credits
SEED 3702	2
AGAS 2084	4
AGED 4033	3
AGLE 3013	3
AGPS 3093	3
Total Hours	15

Fall	Credits
SEED 4054	4
SEED 4556	6
AGAS 3021	1
AGED 4044	4
Total Hours	15

Spring	Credits
SEED 4503	3
SEED 4909	9
Total Hours	12

# ART FOR TEACHER LICENSURE

The degree in Art Education provides a foundation of art skills, methodology, and advanced work through teaching internships necessary for teacher licensure.

\*See the College of Education and Health page for additional requirements.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
TECH 1001	1
ART 1303	3
ART 1403	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ART 1503	3
ART 2123	3
ART 2403	3
Total Hours	16

Fall	Credits
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SEED 2002	2
ART 2103	3
ART 2413	3
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

Spring	Credits
COMM 2003	3
ART 1163/JOUR 1163	3
ART 2113	3
ART 2303	3
ART 3001	1
Total Hours	16

Fall	Credits
SS 1XXX <sup>1</sup>	3
ART 3003	3
ART 3073	3
ART 3403 OR ART 3533	3
Art Elective (3000-4000)	3
Total Hours	15

Spring	Credits
ART 3013	3
ART 3603	3
ART 3803	3
Art History (3000-4000) <sup>2</sup>	3
Art Elective (3000-4000)	3
Total Hours	15

Fall	Credits
SEED 3702	2
SEED 4054	4
SEED 4556	6
ART 4823	3
Total Hours	15

Spring	Credits
SEED 4503	3
SEED 4809	9
Total Hours	12

# CHEMISTRY EDUCATION FOR TEACHER LICENSURE

See the College of Education and Health page for additional requirements.

For licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 1914	4
CHEM 2124 and CHEM 2120	4
PHSC 1001	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
BIOL 1114	4
MATH 2914	4
CHEM 2134 and CHEM 2120	4
PHSC 1011	1
Total Hours	16

Fall	Credits
HIST 1903	3
PHYS 2114 and PHYS 2000	4
MATH 2924	4
CHEM 3254	4
SEED 2002	2
Total Hours	17

Spring	Credits
COMM 2003	3

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Art history electives ART 3113, ART 3133, ART 3143, ART 3153, ART 4113, ART 4723 can be used toward this requirement.

Spring	Credits
PHYS 2024 or PHYS 2124 and PHYS 2010	4
CHEM 3264	4
CHEM 3313	3
Elective	1
Total Hours	15

Fall	Credits
FAH 1XXX <sup>1</sup>	3
STAT 2163	3
PHYS 3213	3
CHEM 3301	1
CHEM 3423	3
Total Hours	13

Spring	Credits
POLS 2003	3
COMS 2003 or COMS 2803	3
CHEM 3245	5
PHSC 3252	2
SEED 3702	2
Total Hours	15

Fall	Credits
ANTH 2003	3
PHSC 3233	3
SEED 4054	4
SEED 4556	6
Total Hours	16

Spring	Credits
PHSC 4701	1
SEED 4503	3
SEED 4909	9
Total Hours	13

# COMPUTER SCIENCE EDUCATION FOR TEACHER LICENSURE

See the College of Education and Health page for additional requirements.

For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 or higher-level Mathematics	3
TECH 1001 <sup>2</sup>	1
SS 1XXX <sup>1</sup>	3
CSEC 1113	3
COMS 1333	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
COMS 1011 and COMS 1013	4
COMS 2703	3
COMS 2713 <sup>4</sup>	3
Total Hours	16

Fall	Credits
SEED 2002	2
COMS 2203	3
SCIL 1XXX <sup>1</sup>	4
MATH 2703	3
CSEC 2213	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

Spring	Credits
COMM 2173 or COMM 2003	3
USHG 1XXX <sup>1</sup>	3
ENGL 2053	3
COMS 2213	3
STAT 2163	3
Total Hours	15

Fall	Credits
SS 1XXX <sup>1</sup>	3
COMS 3053	3
COMS 3233	3
COMS 3413	3
Elective <sup>3</sup>	3
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SEED 3702	2
COMS 3243	3
SCIL 1XXX <sup>1</sup>	4
Elective <sup>3</sup>	3
Total Hours	15

Fall	Credits
SEED 4054	4
SEED 4556	6
COMS 4063	3
COMS 4813	3
Total Hours	16

Spring	Credits
SEED 4503	3
SEED 4809	9

Spring	Credits
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# ENGLISH EDUCATION FOR TEACHER LICENSURE

See the College of Education and Health page for additional requirements.

For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
Beginning Foreign Language I <sup>2</sup>	3
TECH 1001	1
Total Hours	13

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
Beginning Foreign Language II <sup>2</sup>	3
COMM 2003	3
Total Hours	16

Fall	Credits
USHG 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ENGL 2003	3

<sup>&</sup>lt;sup>2</sup>TECH 1013 Principles of Collegiate Success is a substitution for TECH 1001 Orientation to the University; Electives would reduce from 3 hours to 1 hour.

<sup>&</sup>lt;sup>3</sup>The elective courses placed in the degree should be used by students to take either COMS courses or courses in another area that the student would like to get certified (i.e. mathematics, business - both of which offer a minor). This will make graduates more marketable.

<sup>&</sup>lt;sup>4</sup>COMS 3703 is a substitution for COMS 2713.

Fall	Credits
ENGL 2063	3
Elective <sup>4</sup>	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SEED 2002	2
ENGL 3023	3
English Elective <sup>3</sup>	3
Elective <sup>4</sup>	6
Total Hours	17

Fall	Credits
ENGL 3013	3
ENGL 3313	3
ENGL 3413	3
ENGL 4013	3
English Elective (2000-4000) 3, 4, 5	3
Elective <sup>4, 5</sup>	0-1
Total Hours	15-16

Spring	Credits
ENGL 3323	3
ENGL 3423	3
English Elective (2000-4000) 3, 4, 5	3
English Elective (3000-4000) <sup>3, 4, 5</sup>	3
Elective <sup>4, 5</sup>	3
Total Hours	15

Fall	Credits
ENGL 4733	3
SEED 3702 or EDMD 3013	2-3
SEED 4054	4

Fall	Credits
SEED 4556	6
Total Hours	15-16

Spring	Credits
SEED 4503	3
SEED 4909	9
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### LIFE SCIENCE EDUCATION FOR TEACHER LICENSURE

See the College of Education and Health page for additional requirements.

For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements please see the teacher education student services website. https://www.atu.edu/teachereducation/

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 <sup>3</sup>	3
BIOL 1011	1
BIOL 1114	4
CHEM 2124 and CHEM 2120	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1903	3
BIOL 2124 or BIOL 2134	4
CHEM 2134 and CHEM 2130	4
Total Hours	14

<sup>&</sup>lt;sup>2</sup>All minimum college hours (at least two semesters) should be in one language. Students with previous study in a foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination

<sup>&</sup>lt;sup>3</sup>Any 2-4000 level English courses excluding ENGL 2003, ENGL 2013, ENGL2173 / JOUR 2173, ENGL 2881, and ENGL 4881.

<sup>&</sup>lt;sup>4</sup>At least 40 of the 120 hours required for graduation must be earned in 3000-4000 level courses.

<sup>&</sup>lt;sup>5</sup>Juniors admitted to the Accelerated B.A. in English Education to MA in TESOL Program should substitute two of the following courses as electives: TESL 5023/ENGL 5023, TESL 5703/ENGL 5703, TESL 5713/ENGL 5713, and TESL 5723/ENGL 5723, ENGL 5083 (seminar: no repetitive topic).

Fall	Credits
GEOL 1004 or GEOL 1014	4
STAT 2163	3
BIOL 2124 or BIOL 2134	4
PHYS 2014 and PHYS 2000	4
SEED 2002	2
Total Hours	17

Spring	Credits
COMM 2003	3
ANTH 2003	3
BIOL 3114/FW 3114	4
PHYS 2024 and PHYS 2010	4
POLS 2003	3
Total Hours	17

Fall	Credits
BIOL 2004	4
CHEM 3254	4
MATH 2243	3
SEED 3702	2
Total Hours	13

Spring	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 3034	4
BIOL 3054 and 3 hrs Biology Elective or BIOL 4033 and 4 hrs Biology Elective	7
BIOL 3252/PHSC 3252	2
Total Hours	16

Fall	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 3233/PHSC 3233	3
BIOL 4891	1
SEED 4054	4

Fall	Credits
SEED 4556	6
Total Hours	17

Spring	Credits
BIOL 4701	1
SEED 4503	3
SEED 4909 <sup>2</sup>	9
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# MATHEMATICS EDUCATION FOR TEACHER LICENSURE

 $See \ the \ College \ of \ Education \ and \ Health \ page \ for \ additional \ requirements.$ 

For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MATH 1001	1
MATH 2914	4
Elective	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 2703	3
MATH 2924	4
Electives	3
Total Hours	16

<sup>&</sup>lt;sup>2</sup>For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements please see the teacher education student services website. https:// www.atu.edu/teachereducation

<sup>&</sup>lt;sup>3</sup>Any higher level Mathematics course may be substituted for MATH 1113.

# Sophomore

Fall	Credits
PHYS 2114 and PHYS 2000	4
COMS 2803	3
MATH 2934	4
MATH 3003	3
SEED 2002	2
Total Hours	16

Spring	Credits
PHYS 2124 and PHYS 2010	4
FAH 1XXX <sup>1</sup>	3
ANTH 2003	3
MATH 3123	3
MATH 3243	3
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
COMM 2003	3
STAT 3153	3
MATH 4003	3
MATH 4113	3
Total Hours	15

Spring	Credits
MATH 3203	3
MATH 3703	3
MATH 3772	2
MATH 4123	3
SEED 3702	2
Total Hours	13

Fall	Credits
MATH 4033	3

Fall	Credits
MATH 4703	3
SEED 4054	4
SEED 4556	6
Total Hours	16

Spring	Credits
MATH 4971	1
SEED 4503	3
SEED 4909	9
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# MUSIC EDUCATION FOR TEACHER LICENSURE (INSTRUMENTAL MUSIC OPTION)

See the College of Education and Health page for additional requirements.

For licensure, students must pass the Praxis II music specialty and Principles of Learning and Teaching exam.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
MUS 1000	0
MUS 1_2 <sup>8</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1501	1
MUS 1713	3
MUS 1731	1
MUS 1751	1
MUS 2441	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements please see the teacher education student services website. https://www.atu.edu/teachereducation

Spring	Credits
SCIL 1XXX <sup>1</sup>	4
MUS 1_2 <sup>8</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1501 or MUS 1631	1
MUS 1723	3
MUS 1741	1
Total Hours	15

Fall	Credits
SS 1XXX <sup>1</sup>	3
COMM 2003	3
MUS 1000	0
MUS 1_2 <sup>8</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1501	1
MUS 2713	3
MUS 2731	1
MUS 3401	1
Total Hours	15

Spring	Credits
SEED 2002	2
SCIL 1XXX <sup>1</sup>	4
MUS 1000	0
MUS 1_2 <sup>8</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1501 or MUS 1631	1
MUS 2723	3
MUS 2741	1
MUS 3481	1
MUS 1440	0
MUS 2000 <sup>3</sup>	0
Total Hours	15

Fall	Credits
SS 1XXX <sup>1</sup>	3
MUS 3000	0
MUS 3_2 <sup>8</sup>	2
MUS 3421	1
MUS 3501	1
MUS 3773	3
MUS 3802	2
MUS 4461	1
MUS 4712	2
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
MUS 3000	0
MUS 3_2 <sup>8</sup>	2
MUS 3281	1
MUS 3431	1
MUS 3501 or MUS 3631	1
MUS 3702	2
MUS 3762	2
MUS 3783	3
Total Hours	15

Fall	Credits
FAH 1XXX <sup>1</sup>	6
MUS 3_2 <sup>8</sup>	2
MUS 3501	1
MUS 3692	2
MUS 3853 <sup>4</sup>	3
MUS 4971	1
Total Hours	15

Spring	Credits
SEED 4054	4
SEED 4556 <sup>5</sup>	6
MUS 4000	0
MUS 4281	1
Total Hours	11

#### Senior 9th Semester

Fall	Credits
SEED 4503	3
SEED 4809 <sup>6,7</sup>	9
MUS 4701	1
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements"

# MUSIC EDUCATION FOR TEACHER LICENSURE (KEYBOARD INSTRUMENTAL **MUSIC OPTION**)

See the College of Education and Health page for additional requirements.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
MUS 1000	0
MUS 1202	2
MUS 1501	1
MUS 1713	3
MUS 1731	1
MUS 1751	1
MUS 2441	1

<sup>&</sup>lt;sup>2</sup>Piano (MUS 1441 or MUS 1201) to be taken each semester until successful completion of Piano Exit Exam.

<sup>&</sup>lt;sup>3</sup>Required for enrollment in upper-level applied study for two-hour credit and for completion for all music degrees

<sup>&</sup>lt;sup>4</sup>Prerequisite: successful completion of Piano Exit Exam.

<sup>&</sup>lt;sup>5</sup>Prerequisite: admission to Stage II.

<sup>&</sup>lt;sup>6</sup>See admission policy and procedure.

<sup>&</sup>lt;sup>7</sup>For licensure, students must pass the Praxis II music specialty and Principles of Learning and Teaching exam.

<sup>&</sup>lt;sup>8</sup>See course descriptions for the appropriate applied music course number.

Fall	Credits
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MUS 1000	0
MUS 1202	2
MUS 1501 or MUS 1631	1
MUS 1723	3
MUS 1741	1
MUS 2201	1
Total Hours	15

Fall	Credits
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MUS 1000	0
MUS 1202	2
MUS 1501	1
MUS 2713	3
MUS 2731	1
MUS 3401	1
Total Hours	15

Spring	Credits
COMM 2003	3
SEED 2002	2
MUS 1000	0
MUS 1202	2
MUS 1501 or MUS 1631	1
MUS 2201	1
MUS 2723	3
MUS 2741	1
MUS 1440	0
MUS 2000 <sup>3</sup>	0

Spring	Credits
MUS 3481	1
Total Hours	14

Fall	Credits
SS 1XXX <sup>1</sup>	3
MUS 3000	0
MUS 3202	2
MUS 3421	1
MUS 3501	1
MUS 3773	3
MUS 3802	2
MUS 4461	1
MUS 4712	2
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MUS 3000	
MUS 3202	2
MUS 3281	1
MUS 3431	1
MUS 3501 or MUS 3631	1
MUS 3702	2
MUS 3783	3
Total Hours	16

Fall	Credits
FAH 1XXX <sup>1</sup>	3
MUS 4971	1
MUS 3202	2
MUS 3501	1
MUS 3692	2

Fall	Credits
MUS 3853	3
Total Hours	12

Spring	Credits
SEED 4054	4
SEED 4556 <sup>3</sup>	6
MUS 3442	2
MUS 3762	2
MUS 4000	0
MUS 4281	1
Total Hours	15

### **Senior 9th Semester**

Fall	Credits
SEED 4503	3
SEED 4809 <sup>3,4</sup>	9
MUS 4701	1
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# MUSIC EDUCATION FOR TEACHER LICENSURE (KEYBOARD VOCAL MUSIC OPTION)

See the College of Education and Health page for additional requirements.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
MUS 1000	0
MUS 1202	2
MUS 1571, MUS 1581, or MUS 1681	1
MUS 1713	3

<sup>&</sup>lt;sup>2</sup>Required for enrollment in upper-level applied study for two-hour credit and for completion of all music degrees.

<sup>&</sup>lt;sup>3</sup>See admission policy and procedure.

<sup>&</sup>lt;sup>4</sup>For licensure, students must pass the Praxis II specialty and Principles of Learning and Teaching exam.

Fall	Credits
MUS 1731	1
MUS 1751	1
MUS 2441	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MUS 1000	0
MUS 1202	2
MUS 1231	1
MUS 1571, MUS 1581, MUS 1681	1
MUS 1723	3
MUS 1741	1
MUS 2201	1
Total Hours	16

Fall	Credits
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MUS 1000	0
MUS 1202	2
MUS 1231	1
MUS 1571, MUS 1581, or MUS 1681	1
MUS 2713	3
MUS 2731	1
Total Hours	15

Spring	Credits
COMM 2003	3
SEED 2002	2
MUS 1000	0
MUS 1202	2
MUS 1231	1
MUS 1571, MUS 1581, or MUS 1681	1

# Secondary Education

Spring	Credits
MUS 2201	1
MUS 2723	3
MUS 2741	1
MUS 1440	0
MUS 2000 <sup>3</sup>	0
Total Hours	14

# Junior

Fall	Credits
SS 1XXX <sup>1</sup>	3
MUS 1231	1
MUS 3000	0
MUS 3202	2
MUS 3571, MUS 3581, or MUS 3681	1
MUS 3773	3
MUS 3802	2
MUS 3821	1
MUS 4712	2
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MUS 3000	0
MUS 3202	2
MUS 3571, MUS 3581, or MUS 3681	1
MUS 3702	2
MUS 3783	3
MUS 4821	1
MUS 3401, MUS 3421, MUS 3431, MUS 3481, or MUS 4461	1
Total Hours	16

Fall	Credits
FAH 1XXX <sup>1</sup>	3
MUS 3202	2
MUS 3401, MUS 3421, MUS 3431, MUS 3481, or MUS 4461	1
MUS 3571, MUS 3581, or MUS 3681	1
MUS 3692	2
MUS 3853	3
Total Hours	12

Spring	Credits
SEED 4054	4
SEED 4556 <sup>4</sup>	6
MUS 3442	2
MUS 3762	2
MUS 4000	0
Total Hours	14

### **Senior 9th Semester**

Fall	Credits
SEED 4503	3
SEED 4809 4,5	9
MUS 4701	1
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements"

# MUSIC EDUCATION FOR TEACHER LICENSURE (VOCAL MUSIC OPTION)

See the College of Education and Health page for additional requirements.

For licensure, students must pass the Praxis II specialty and Principles of Learning and Teaching exam.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>Required for enrollment in upper-level applied study for two-hour credit and for completion for all music degrees.

<sup>&</sup>lt;sup>3</sup>Prerequisite: admission to Stage II.

<sup>&</sup>lt;sup>4</sup>See admission policy and procedure.

<sup>&</sup>lt;sup>5</sup>For licensure, students must pass the Praxis II specialty and Principles of Learning and Teaching exam.

Fall	Credits
MATH XXXX <sup>1</sup>	3
MUS 1000	0
MUS 1232	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1571, MUS 1581. or MUS 1681	1
MUS 1713	3
MUS 1731	1
MUS 1751	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MUS 1000	0
MUS 1191	1
MUS 1232 <sup>T</sup>	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1571, MUS 1581, or MUS 1681 <sup>T</sup>	1
MUS 1723	3
MUS 1741	1
Total Hours	15

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
MUS 1000	0
MUS 1232	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1571, MUS 1581, or MUS 1681	1
MUS 2191	1
MUS 2713	3
MUS 2731	1
Total Hours	13

Spring	Credits
SCIL 1XXX <sup>1</sup>	4
SEED 2002	2
MUS 1000	0
MUS 1232	2
MUS 1441 or MUS 1201 <sup>2</sup>	1
MUS 1571, MUS 1581, or MUS 1681	1
MUS 2723	3
MUS 2741	1
MUS 1440	0
MUS 2000 <sup>3</sup>	0
Total Hours	14

Fall	Credits
COMM 2003	3
MUS 3000	0
MUS 3232	2
MUS 3571, MUS 3581, or MUS 3681	1
MUS 3702	2
MUS 3773	3
MUS 3802	2
MUS 3821	1
MUS 4712	2
Total Hours	16

Spring	Credits
SS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MUS 3000	0
MUS 3191	1
MUS 3232	2
MUS 3571, MUS 3581, or MUS 3681	1
MUS 3762	2
MUS 3783	3
MUS 4821	1

Spring	Credits
MUS 3401, MUS 3421, MUS 3431, MUS 3481, or MUS 4461	1
Total Hours	17

### **Senior**

Fall	Credits
FAH 1XXX <sup>1</sup>	3
MUS 3232	2
MUS 3401, MUS 3421, MUS 3431, MUS 3481, or MUS 4461	1
MUS 3571, MUS 3581, or MUS 3681	1
MUS 3692	2
MUS 3853 <sup>4</sup>	3
Total Hours	12

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SEED 4054	4
SEED 4556 <sup>5</sup>	6
MUS 4000	0
MUS 4832	2
Total Hours	15

### Senior 9th Semester

Fall	Credits
SEED 4503	3
SEED 4809 <sup>6,7</sup>	9
MUS 4701	1
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# PHYSICAL SCIENCE FOR TEACHER LICENSURE

See the College of Education page for additional requirements.

<sup>&</sup>lt;sup>2</sup>Piano (MUS 1441 or MUS 1201) to be taken each semester until successful completion of Piano Exit Exam.

<sup>&</sup>lt;sup>3</sup>Required for enrollment in upper-level applied study for two-hour credit and for completion for all music degrees.

<sup>&</sup>lt;sup>4</sup>Prerequisite: successful completion of Piano Exit Exam.

<sup>&</sup>lt;sup>5</sup>Prerequisite: admission to Stage II.

<sup>&</sup>lt;sup>6</sup>See admission policy and procedure.

<sup>&</sup>lt;sup>7</sup>For licensure, students must pass the Praxis II specialty and Principles of Learning and Teaching exam.

<sup>&</sup>lt;sup>T</sup>Designates a block of courses that would provide for a seamless transfer into this program if equivalent courses are taken at another college or university.

For licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
GEOL 1004 or GEOL 1014	4
MATH 1914	4
CHEM 2124	4
PHSC 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
BIOL 1114	4
MATH 2914	4
CHEM 2134	4
Total Hours	15

# **Sophomore**

Fall	Credits
HIST 2003 or HIST 2013	3
PHYS 2014 or PHYS 2114 and PHYS 2000	4
MATH 2924	4
CHEM 3254	4
SEED 2002	2
Total Hours	17

Spring	Credits
COMM 2003	3
PHYS 2024 or PHYS 2124 and PHYS 2010	4
PHYS, PHSC, CHEM or MATH Elective	3
CHEM 3313	3
Total Hours	13

### **Junior**

Fall	Credits
FAH 1XXX <sup>1</sup>	6
CHEM 4993 or PHYS 4993	3
PHSC 3053	3
PHYS 3213	3
Total Hours	15

Spring	Credits
POLS 2003	3
COMS 2003 or COMS 2803	3
PHSC 3033	3
PHSC 3252	2
SEED 3702	2
Elective	2
Total Hours	15

#### **Senior**

Fall	Credits
ANTH 2003	3
PHSC 3233	3
SEED 3552	2
SEED 4052	2
SEED 4556	6
Total Hours	16

Spring	Credits
PHSC 4701	1
SEED 4503	3
SEED 4909	9
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# PHYSICS EDUCATION FOR TEACHER LICENSURE

 $See \ the \ College \ of \ Education \ and \ Health \ page \ for \ additional \ requirements.$ 

For licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
PHSC 1053	3
MATH 2914	4
CHEM 2124 and CHEM 2120	4
PHSC 1001	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
BIOL 1004/ENVS 1004/PHSC 1004	4
MATH 2924	4
CHEM 2134 and CHEM 2130	4
PHSC 1011	1
Total Hours	16

## Sophomore

Fall	Credits
HIST 1903	3
PHYS 2114 and PHYS 2000	4
MATH 2934	4
POLS 2003	3
SEED 2002	2
Total Hours	16

Spring	Credits
COMM 2003	3
PHYS 2124 and PHYS 2010	4
MATH 3243	3
PHSC 2003	3
Electives	3
Total Hours	16

## Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	6
ANTH 2003	3
PHYS 3213 or PHYS 3133	3
PHYS, PHSC, CHEM or MATH Elective	3
Total Hours	15

Spring	Credits
COMS 2003 or COMS 2803	3
PHYS 4113 or PHYS 4993	3
PHSC 3033	3
PHSC 3252	2
SEED 3702	2
Total Hours	13

#### Senior

Fall	Credits
PHYS 3213 or PHYS 3133	3
PHSC 3233/BIOL 3233	3
SEED 4054	4
SEED 4556	6
Total Hours	16

Spring	Credits
PHSC 4701	1
SEED 4503	3
SEED 4909	9
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## SOCIAL STUDIES EDUCATION FOR TEACHER LICENSURE

See the College of Education and Health page for additional requirements.

For licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

<sup>&</sup>lt;sup>2</sup>For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements please see the teacher education student services website. https:// www.atu.edu/teachereducation

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
HIST 1503	3
SCIL 1XXX <sup>1</sup>	4
MATH XXXX <sup>1</sup>	3
SEED 2002	2
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
HIST 1513	3
SCIL 1XXX <sup>1</sup>	4
SOC 1003	3
Elective	1
Total Hours	14

## **Sophomore**

Fall	Credits
POLS 2003	3
HIST 2003	3
PSY 2003	3
ANTH 2003	3
GEOG 2013	3
Total Hours	15

Spring	Credits
COMM 2003 or COMM 2173	3
HIST 2013	3
ECON 2003	3
SEED 3702	2
GEOG Elective	3
HIST 2513 or POLS 2513 <sup>3</sup>	3
Total Hours	17

#### Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
HIST 4714	4
POLS 3033, POLS 3123, POLS 3133, or POLS 3143	3
HIST/POLS Elective (3000-4000 level)	6
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
ECON 2013	3
HIST 4153	3
HIST/POLS Elective (3000-4000 level)	6
Total Hours	15

#### Senior

Fall	Credits
HIST 4963/POLS 4963 <sup>3</sup>	3
SEED 4054	4
SEED 4556	6
Elective	2
Total Hours	15

Spring	Credits
SEED 4503	3
SEED 4909	9
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# WORLD LANGUAGE WITH CONCENTRATION IN SPANISH EDUCATION FOR TEACHER LICENSURE

 $See \ the \ College \ of \ Education \ and \ Health \ page \ for \ additional \ requirements.$ 

Students with previous study in a foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination.

For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

An oral proficiency level of Advanced Low, as demonstrated by a score on the ACTFL Oral Proficiency Interview, will be required of all foreign language education majors for admission to the internship.

<sup>&</sup>lt;sup>2</sup>Students must complete HIST 2513 and HIST 4963, OR POLS 2513 and POLS 4963.

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
TECH 1001	1
SPAN 2013 <sup>2,3</sup>	3
Total Hours	13

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SPAN 2023 or SPAN 2033 <sup>2,3</sup>	3
Total Hours	16

## Sophomore

Fall	Credits
USHG 1XXX <sup>1</sup>	3
COMM 2003	3
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SPAN 3003	3
Total Hours	16

Spring	Credits
SPAN 3013	3
SPAN 3123	3
SPAN 3213	3
SPAN 3233	3
SEED 2002	2
Total Hours	14

#### **Junior**

Fall	Credits
SPAN 3133	3
SPAN 4003	3
SPAN 4213	3
Elective <sup>4</sup>	6
Total Hours	15

Spring	Credits
SPAN 4023	3
SPAN 4223	3
SPAN Elective <sup>4</sup> (3000-4000 level)	3
Electives <sup>4</sup>	8
Total Hours	17

Fall	Credits
SPAN 4703	3
SEED 3702 or EDMD 3013	2-3
SEED 4054	4
SEED 4556	6
Electives	0-1
Total Hours	16

Spring	Credits
SPAN 4701	1
SEED 4503	3
SEED 4809	9
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Students with previous study in a foreign language should refer to Foreign Language Advanced Placement and Credit under Credit by Examination.

<sup>&</sup>lt;sup>3</sup>Lab attendance is required for beginning and intermediate foreign language courses.

<sup>&</sup>lt;sup>4</sup>For teacher licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning and Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

<sup>&</sup>lt;sup>5</sup>An oral proficiency level of Advanced Low, as demonstrated by a score on the ACTFL Oral Proficiency Interview, will be required of all foreign language education majors for admission to the internship.

<sup>&</sup>lt;sup>6</sup>Seniors admitted to the Accelerated BA in Foreign Language with Concentration in Spanish Education for Teacher Licensure to MA in TESOL Program can substitute twelve (12) hours of the following courses as electives: TESL 5023/ENGL 5023, TESL 5703/ENGL 5703, TESL 5713/ENGL 5713, TESL 5723/ENGL 5723, and ENGL 5083 (seminar: no repetitive topic).

## KINESIOLOGY AND REHABILITATION SCIENCE

#### DEPARTMENT OF HEALTH & PHYSICAL EDUCATION

The Department of Kinesiology & Rehabilitation Science includes a nationally accredited Society of Health and Physical Educators (SHAPE) Teaching and Coaching K-12 program that is a part of the College of Education and Health's professional preparation program curricula designed to serve the students, faculty and staff of Arkansas Tech University.

The programs in the Department of Kinesiology & Rehabilitation Science are designed to prepare students for lifelong growth in the physical, intellectual, cultural, emotional and social dimensions. These goals and objectives are met through the qualified faculty's presentation of researchbased information, utilizing the latest technology.

#### Kinesiology offers the following degree tracks:

- 1 Health and Physical Education Teacher Licensure: This track serves students who want to teach K-12 Health and Physical Education, with a coaching license.
- 2. Health and Exercise Science: This track is oriented toward preparing students to be strength/conditioning professionals, fitness professionals, and/ or preparation for advanced degrees. The program offers two additional options:
- 1. The Health and Exercise Science Kinesiology option includes courses in exercise programming, weight training, endurance conditioning, coaching power, speed, and agility, exercise and behavior adherence.
- 2. The Health and Exercise Science Pre-Allied Health Studies option includes courses in exercise programming, additional courses in biology and chemistry, endurance conditioning, exercise physiology lab, health and fitness programming, and biomechanics.

#### **Driver Education Program**

The Driver Education Program has been designed to serve individuals preparing to be driver and traffic education teachers. Admission into the program requires a First Aid course on the applicant's college transcript. Additional information about this summer program may be obtained by calling 964 0583, ext 4901.

#### **Rehabilitation Science**

The Rehabilitation Science curriculum is accredited by the Commission on Accreditation or Allied Health Education Programs (CAAHEP). The program is designed to produce undergraduate rehabilitation generalists who have training and experience conducive to successful careers in various rehabilitation service programs. Within the Rehabilitation Science major five minors are offered: 1) Addictions, 2) Aging, 3) Child Welfare and Social Services, 4) Disabilities Studies, and 5) Recreation Services. Students must choose at least one of these minors in order to complete the requirements for the degree.

## **Contact Information**

Dr. Rockie Pederson, Head

J.W. Hull Physical Education Building, Room 110 (479) 964 0583, ext 4900 rpederson@atu.edu

Professor

Rockie Pederson, Michael Waller

Associate Professor

Gina Kraft, Brett Stone, Erica Wondolowski

Assistant Professors

Dustin Dunnick, Randy Kirkpatrick, Robert Stevens

Senior Instructors

Peter Kelly, Troy Norton

Instructors

David Dawson, Mark Downey, Brock Hime, Nick Sheehan, David Wilbers, Shaun Wiseman

For more information, please visit https://www.atu.edu/krs.

## BACHELOR OF SCIENCE IN HEALTH & PHYSICAL EDUCATION (INCLUDING TEACHER LICENSURE REQUIREMENTS)

See the College of Education page for additional requirements.

For licensure, students must achieve the minimum score on the Praxis II Specialty Area and Principles of Learning Teaching Tests as determined by the Arkansas Department of Education. For further requirements see Admission and Retention to Teacher Education and also the Criteria for Internships located on the College of Education home page.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113	3
BIOL 1014	4
HLED 1513	3
HES 1002	2
PE 1201	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
PHSC XXXX <sup>1</sup>	4
PE 2111	1
PE 2513	3
Total Hours	14

## **Sophomore**

Fall	Credits
USHG 1XXX <sup>1</sup>	3
COMM 2003	3
PE 2101	1
PE 2523	3
PE 2653	3
PE 3101	1
Total Hours	14

Spring	Credits
FAH 1XXX <sup>1</sup>	6
SS 1XXX <sup>1</sup>	3
SEED 2002	2
PE 3051	1
PE 3661	1
PE 3663	3
Total Hours	16

## Junior

Fall	Credits
HLED 3203	3
HLED 4403	3
PE 3543	3
PE 3413	3
PE 3573	3
PE 4033	3
Total Hours	18

Spring	Credits
SEED 3702	2
HLED 4303	3
PE 3512, PE 3522, or PE 3532	2
PE 3583	3
PE 3603	3
PE 4513	3
Total Hours	16

Fall	Credits
SEED 4054	4
SEED 4556	6
PE 4203	3
PE 4523	3
Total Hours	16

Spring	Credits
SEED 4503	3
SEED 4809 <sup>2</sup>	9
PE 4701	1
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### **Selected Second Teaching Fields**

Students are encouraged to meet at least minimal licensure requirements in a second field of teaching in addition to their major field of study.

Licensure requirements in Driver Education are as follows: Hold or be qualified to hold a standard secondary certificate; Driver Education I, two semester hours; Driver Education II, two semester hours; First Aid, two semester hours. Total of 6 semester hours.

## BACHELOR OF SCIENCE IN REHABILITATION SCIENCE

The Bachelor of Science in Rehabilitation Science program has a primary objective to develop personnel for careers with public and private agencies that provide rehabilitation services to persons with disabilities. The program prepares scholars to enter the workforce immediately upon graduation or to pursue additional educational training in graduate school.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
SOC 1003	3
TECH 1001	1
RS 2003 <sup>4</sup>	3
Elective	2
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
ANTH 1213 or ANTH 2003	3
PSY 2003	3
PSY 2053/SOC 2053	3
Total Hours	16

<sup>&</sup>lt;sup>2</sup>Three semester hours of the student teaching requirement must be completed at the elementary or middle school level, below the ninth grade, where the cooperative teacher is certified in Elementary Physical Education OR student must complete a three-semester-hour internship under direct supervision from the staff of the University's Physical Education Department.

## Sophomore

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
PSY 3063 or PSY 3813	3
RS 3204 <sup>4,5</sup>	4
RS 4123	3
Elective	3
Total Hours	17

Spring	Credits
PSY 2063/SOC 2063	3
RS 3003	3
RS 3133	3
RS 4023 <sup>4,5</sup>	3
Elective or Minor <sup>2</sup>	3
Total Hours	15

## Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	6
USHG 1XXX <sup>1</sup>	3
Elective or Minor <sup>2</sup>	6
Total Hours	15

Spring	Credits
PSY 3003 or RS 3183	3
RS 3123 <sup>4</sup>	3
RS 4104 <sup>3,4</sup>	4
Elective or Minor <sup>2</sup>	6
Total Hours	16

Fall	Credits
RS 4194 <sup>3,4,6</sup>	4
Elective or Minor <sup>2</sup>	9
Total Hours	13

Spring	Credits
RS 4194 <sup>3,4,6</sup>	4
Elective or Minor <sup>2</sup>	9
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### HEALTH AND EXERCISE SCIENCE

The Bachelor of Science in Health and Exercise Science program has two tracks. Kinesiology and Pre-Allied Professional Health Studies will prepare students for strength and conditioning, fitness, and exercise/sport science professions, or preparation for advanced health care degrees.

#### **Tracks**

Kinesiology

Pre-Allied Health Studies

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 or higher	3
BIOL 1014	4
PE 1201	1
PE Elective	1
HES 1003	3
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
PSY 2003	3
PHSC 1XXX <sup>1</sup>	4
COMM 2173	3
HLED 1513	3
Total Hours	16

#### **Sophomore**

<sup>&</sup>lt;sup>2</sup>A minor must be completed in one of the following areas: Addictions, Aging, Child Welfare and Social Services, Disability Studies, Recreation

<sup>&</sup>lt;sup>3</sup>Students who choose to complete a 12 hour internship (RS 4012) will do so either their last or next to last semester and will not take RS 4104 or RS 4194. However, with Program Director permission, students taking the internship option may be allowed to take RS 4104 as an additional course.

<sup>&</sup>lt;sup>4</sup>A grade of C or better required for Rehabilitation Science Majors.

<sup>&</sup>lt;sup>5</sup>RS 3204 MUST be taken prior to RS 4023.

<sup>&</sup>lt;sup>6</sup>Must be taken twice for credit to meet program requirements.

Fall	Credits
USHG 1XXX <sup>1</sup>	3
COMS 1003	3
PE 2513	3
PE 2653	3
HES 2003	3
PE Elective	1
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	6
ECON 2003	3
PE 3663	3
HES 2013	3
PE 3661	1
Total Hours	16

## Junior

Fall	Credits
AHS 2013	3
PE 3573	3
HES 2023	3
PE 4033	3
HES 2043	3
Total Hours	15

Spring	Credits
HLED 3203	3
HES 3003	3
HES 3023	3
MKT 3043	3
MGMT 3003	3
Total Hours	15

Fall	Credits
HES 4003	3

Fall	Credits
HES 4063	3
HLED 4403 <sup>2</sup>	3
HES 4023	3
HES 4013 <sup>3</sup>	3
Total Hours	15

Spring	Credits
HES 4012 <sup>4</sup>	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## HEALTH AND EXERCISE SCIENCE: KINESIOLOGY OPTION

See the College of Education and Health page for additional requirements.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 or higher	3
BIOL 1014	4
PE 1201	1
PE Elective	1
HES 1003	3
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
PSY 2003	3
PHSC 1XXX <sup>1</sup>	4
COMM 2173	3
HLED 1513	3
Total Hours	16

## **Sophomore**

<sup>&</sup>lt;sup>2</sup>Students in the accelerated program will substitute SCS 6063.

<sup>&</sup>lt;sup>3</sup>Students in the accelerated program will substitute SCS 6013.

<sup>&</sup>lt;sup>4</sup>Students in the accelerated program will also take PE 6083 or EDFD 6003.

Fall	Credits
USHG 1XXX <sup>1</sup>	3
COMS 1003	3
PE 2513	3
PE 2653	3
AHS 2013	3
PE Elective	1
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	6
ECON 2003	3
PE 3661	1
PE 3663	3
HES 2013	3
Total Hours	16

## Junior

Fall	Credits
HES 2023	3
PE 3573	3
PE 4033	3
MGMT 3003	3
HES 2043	3
Total Hours	15

Spring	Credits
HLED 3203	3
HES 3003	3
HES 3013	3
HES 4043	3
PE 4103	3
Total Hours	15

Fall	Credits
HES 4013 <sup>2</sup>	3

Fall	Credits
HES 4023	3
HES 4053	3
HLED 4403 <sup>3</sup>	3
MKT 3043	3
Total Hours	15

Spring	Credits
HES 4012 <sup>4</sup>	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## HEALTH AND EXERCISE SCIENCE: PRE-ALLIED HEALTH STUDIES OPTION

 $See \ the \ College \ of \ Education \ and \ Health \ page \ for \ additional \ requirements.$ 

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 or higher	3
BIOL 1014	4
PE 1201	1
HES 1003	3
PE Elective	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
PSY 2003	3
CHEM 2124 and CHEM 2120	4
COMM 2173	3
HLED 1513	3
Total Hours	16

## **Sophomore**

<sup>&</sup>lt;sup>2</sup>Students in the accelerated program will substitute SCS 6063.

<sup>&</sup>lt;sup>3</sup>Students in the accelerated program will substitute SCS 6013.

<sup>&</sup>lt;sup>4</sup>Students in the accelerated program will also take PE 6083 or EDFD 6003.

Fall	Credits
USHG 1XXX <sup>1</sup>	3
AHS 2013	3
BIOL 2404	4
CHEM 2134 and CHEM 2130	4
PE 3661	1
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
ECON 2003	3
PE 2513	3
BIOL 2414	4
PE 3663	3
Total Hours	16

## Junior

Fall	Credits
PHYS 2014 and PHYS 2000	4
MGMT 3003	3
PE 3573	3
PE 4033	3
HES 2043	3
Total Hours	16

Spring	Credits
PHYS 2024 and PHYS 2010	4
HLED 3203	3
FAH 1XXX <sup>1</sup>	3
HES 4043	3
HES 3003	3
Total Hours	16

Fall	Credits
HLED 4403	3

Fall	Credits
MKT 3043	3
HES 4053	3
PSY 2053/SOC 2053	3
HES 4013	3
PE 4991	1
Total Hours	16

Spring	Credits
HES 4012	12
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## MINORS FOR REHABILITATION SCIENCE

#### **Rehabilitation Science**

The rehabilitation science minor is designed primarily for psychology and sociology majors who want to add an applied dimension to their degree and are interested in working in a human services setting after completing degree requirements. It may also be of interest to business majors interested in working in human resources, nursing majors, education majors, and other degree programs. The minor in rehabilitation science requires 18 hours of courses:

- RS 2003
- RS 3133
- RS 3204
- \*RS Electives (8 hours)

#### Addictions

For Rehabilitation Science majors only.

RS 3013

**AND** 

Complete 15 hours from the below courses:

- PSY 3053
- PSY 4133
- RP 3013
- RP 4073
- RS 2163
- RS 3141/RS 3142/RS 3143
- RS 3153
- RS 3163
- RS 3173
- RS 4133
- RS 4991/RS 4992/RS 4993/RS 4994
- SOC 4013/CJ 4013

#### Aging

For Rehabilitation Science majors only.

RS 3013

<sup>\*</sup>Students who choose to complete a minor in rehabilitation science should consult with a rehabilitation science faculty member to discuss course selection and how they want their RS minor to supplement their major.

#### AND

Complete 15 hours from the below courses:

- NUR 2303
- PSY 3013/SOC 3013
- PSY 3163
- RP 3013
- RP 4073
- RS 2163
- RS 3093
- RS 3141/ RS 3142/RS 3143
- RS 3153
- RS 4133
- RS 4991/RS 4992/RS 4993/RS 4994
- SOC 3023
- SOC 4053
- SOC 4183

#### **Child Welfare and Social Services**

## For Rehabilitation Science majors only.

RS 3013

AND

Complete 15 hours from the below courses:

- RS 2043
- RS 2163
- RS 3141/RS 3142/RS 3143
- RS 3153
- RS 3243
- RS 4133
- RS 4173
- RS 4183
- RP 3013
- RP 4073
- SOC 3023SOC 3113
- SOC 4003
- SOC 4053
- SOC 4063
- SOC 2033/CJ 2033

#### **Disability Studies**

For Rehabilitation Science majors only.

RS 3013

AND

Complete 15 hours from the below courses:

- PHIL 3043
- PSY 3053
- RS 2033
- RS 2163
- RS 3083
- RS 3141/RS 3142/RS 3143
- RS 3153
- RS 4133
- RS 4143
- RS 4991/RS 4992/RS 4993/RS 4994
- RP 3013
- RP 4073

#### **Recreation Services**

#### For Rehabilitation Science majors only.

RS 3013

AND

Complete 15 hours from the below courses:

- RP 3013
- RP 4073
- RS 4173
- RP 4373
- RP 4473
- RS 2163
- RS 3141/RS 3142/RS 3143
- RS 3153
- RS 4133
- RS 4143
- RS 4991/RS 4992/RS 4993/RS 4994

## **NURSING**

#### DEPARTMENT OF NURSING

Arkansas Tech University's nursing curriculum is designed to prepare students for professional responsibilities in a variety of health-care settings and to provide the necessary foundations for graduate study.

The Bachelor of Science in Nursing program is approved by the Arkansas State Board of Nursing and the Arkansas Department of Higher Education. The program is accredited by the Accreditation Commission for Education in Nursing, Telephone: 404-975-5000.

The Department of Nursing offers undergraduate study in nursing to qualified high school graduates, graduates of diploma and associate degree programs in nursing, licensed psychiatric technician nurses, and licensed practical nurses. The baccalaureate program leads to the degree of Bachelor of Science in Nursing. Satisfactory completion of eight semesters of general education, course pre-requisites, and upper-division professional nursing courses is required for the BSN Pre-licensure program. The RN to BSN program can be completed on-line in one year.

Upon completion of degree requirements for the Pre-licensure BSN, the student may be eligible to take the national examination (NCLEX-RN) for licensure as a registered nurse. All nursing students should be aware that the State Board of Nursing requires all applicants for the NCLEX-RN to have a criminal background check performed. If the applicant has ever been convicted of a crime, the Board will review the application and make a decision as to whether the applicant is eligible to take the NCLEX-RN exam and to practice nursing in the State of Arkansas. Any student who has been convicted of a crime should notify his or her advisor before taking the prerequisite courses. This information will be kept strictly confidential. The student will be advised of the method of petitioning the Board and counseled regarding the process. A registered nurse may be subject to losing his or her license if the conviction is discovered after the license is granted. The information on criminal background checks can be found on the ARSBN website, under laws and rules, rules, subchapter 3.

The Department of Nursing Pre-licensure program utilizes the clinical facilities and services of the Arkansas River Valley area; however, in order to meet the objectives of certain courses, the student should be prepared to travel out of this area. Students are required to provide their own transportation.

The Department of Nursing reserves the right to make changes, without prior notice, in the curriculum and program requirements. Changes are made in keeping with the changing health needs of society and/or the best interests of the students and the department to maintain quality professional nursing education.

#### Admission

Admission into lower division foundation courses is open to any Arkansas Tech University student who meets the prerequisites for each course.

#### **Pre-licensure Admission**

Admission to the upper division nursing courses is competitive and subject to evaluation by the Nursing Department's Admission and Progression Committee. Students are considered for admission the spring and fall preceding the semesters they plan to enter upper division nursing courses. All transcripts, entrance exams and/or credentials (LPN license) are due with Application to Upper Division. Pre-licensure application deadlines are March 1 for fall admission and October 1 for spring admission.

Minimum requirements for acceptance into the upper division (Level 0) nursing courses are:

- 1 .Prerequisite grade point average of 3.0 on a 4.0 scale. Students will be admitted according to the criteria for selection of upper division students.
- 2 .Completion of the following courses with a grade of "C" or better in each: ENGL 1013, ENGL 1023, MATH 1113, BIOL 2014 or BIOL 2404, BIOL 3054 or BIOL 2054, BIOL 3074 or BIOL 2414, CHEM 1113, and CHEM 1111, PSY 2003, SOC 1003, and NUR 2303. All attempts for the following courses will be included in GPA calculations for upper division application: MATH 1113; BIOL 2014/BIOL 2404; BIOL 2054/BIOL 3054; BIOL 2414/BIOL 3074; CHEM 1113; CHEM 1111; and NUR 2303.
- 3 .Completion of the following General Education courses (See General Education Requirements for specific course alternatives):
  - Option 1: Social Sciences 6 hours; Fine Arts/Humanities 6 hours; Communication 3 hours
  - Option 2: Social Sciences 6 hours; Fine Arts/Humanities 9 hours
  - Option 3: Social Sciences 9 hours; Fine Arts/Humanities 6 hours
  - TECH 1001 or TECH 1013 (1 hour only) OR 1-hour Elective (ATU requires TECH 1001 or TECH 1013 unless student is a transfer student not coming in as a freshman)
  - · Physical Activity 1 hour
- 4. Completion of an entrance exam with a score of proficient or higher. Students are allowed only two attempts on this exam.

The Admission and Progression Committee use the following criteria to rank applicants for admission to upper division nursing courses. These criteria utilize existing admission policies.

Applicants will be ranked in groups and the criteria for selection of upper division students are as follows:

For students desiring entry to Upper Division Nursing (Level 0):

1 .Student has GPA  $\geq$  3.0 during time of application and at the end of current semester; and Proficient or higher on the entrance exam.

2 .Do not admit at this time.

The student must be enrolled or have completed a minimum of 48 hours of required prerequisite courses and have a GPA  $\geq$  3.0 before entering level 0-preclincal nursing courses.

#### Admission of college freshman who obtained Upward Bound/Advanced Placement/Concurrent hours while attending high school:

ATU Nursing Department wishes to offer these specific high school students the opportunity to complete their courses within a timely manner.

Criteria for consideration (Failure to meet items 4 and/or 5 will result in loss of position in Upper Division):

- 1.GPA > 3.70
- 2 .Proficiency score > 72.0 on Entrance Exam
- 3 .No more than 8 hours of courses to complete in the summer before entry into Level 0
- 4 .Outstanding courses must be completed at ATU during summer session between spring and fall. All prerequisite courses to be complete prior to the start of Level 0
- 5 .Grade of B or better on summer courses completed to meet prerequisite requirements.

The student must have completed a minimum of 48 hours of required general education and prerequisite courses (see curriculum plan) with a GPA #3.0 before entering level 0-preclinical nursing courses.

Applications will be ranked according to GPA and the entrance exam with preference given to ATU students. Admission will be determined by the resulting rank order and proficiency or better on entrance exam.

Applicants completing prerequisite requirements at an institution other than ATU must submit a written note from the course instructor(s) verifying the grade(s) earned in the course(s). These students will sign a form agreeing to have official transcripts on file in the registrar's office within one month from the first day of the semester.

A student position may be filled in a discretionary manner for exceptional reasons as determined by the committee and approved by the faculty.

Minimum requirements for continuation into Level 1

- 1 .Acquisition of professional/student liability insurance through ATU
- 2 .Criminal background check
- 3 .Current certification of Basic Life Support (BLS Provider) CPR for adults, children, and infants as taught by the American Heart Association
- 4 Proof of current immunization required by ATU and the ATU Affiliation Agreements with clinical facilities.
- 5 .Proof of two of the three vaccinations of the Hepatitis B series. The third Hepatitis B vaccination must be completed before the end of the first clinical semester. Alternatively, proof of a positive Hepatitis B titer is accepted.

#### RN to BSN Admission

The RN to BSN program admits three times each year. RN to BSN application deadlines are March 1<sup>st</sup> for summer admission, August 1<sup>st</sup> for fall admission, and October 1<sup>st</sup> for spring admission. Potential RN to BSN admits should first apply to the University, then contact the nursing department to apply to the RN to BSN program. The minimum GPA for application is 2.75. Courses not required for program entry are excluded from the GPA.

Criteria for entry into the RN to BSN program:

1.GPA # 2.75

All general education and nursing major pre-requisites complete or proof of current enrollment.

1 .GPA # 2.75

Nursing major pre-requisites complete or proof of current enrollment.

Up to six hours of general education outstanding.

All criteria one students are admitted prior to category two. Upon admission, RN to BSN students must provide proof of current RN licensure, professional liability insurance, and pass a background check and drug screen. These requirements must be completed though the ATU DON approved vendor.

## **Progression Policy**

#### **Pre-licensure Progression**

In order to progress in the pre-licensure Nursing program, the student must meet the following guidelines.

Students must achieve a "C" or better in all nursing courses.

A student in the upper division nursing courses may only repeat one nursing course. Following a second failure in any upper division nursing course the student will be dismissed from the program. Upper division nursing courses: 66 hours of course work allotted to the nursing major, inclusive of NUR 2023, all 3000 level nursing courses and all 4000 level nursing courses (with the exception of 4903).

Students who make less than a "C" in any upper division nursing course may not progress into courses for which that course(s) is a prerequisite until the course(s) has been repeated and the required minimum grade attained.

The following Upper Division required non-clinical courses (NUR 2023, NUR 3103, NUR 3204, NUR 3213, NUR 3303, NUR 3402, NUR 3513, NUR 3606, NUR 3802, NUR/BIOL 3803, NUR 4206, NUR 4303, NUR 4606 must be completed with a grade of "C" or better to graduate. Any student who attempts any one of these courses twice (2 times) and does not achieve a final grade of "C" or better in the course, will automatically be withdrawn from the Arkansas Tech University Nursing Program and will not be eligible for readmission. An attempt is defined as "any enrollment in any course and dropping it (or changing it to an audit) after the first day of the 10th week of the semester during the Fall or Spring semester, or after the third week of either Summer session for any reason, or failure (grade of "D" or "F") of the course."

Readmission will not be considered for any student dismissed from the nursing department who obtained a "D" or "F" in two (2) upper division nursing courses. The Department Head will consider exceptions on an individual basis.

Any student who withdraws from a clinical nursing course (NUR 3404, NUR 3805 NUR 4405, NUR 4804 must have a passing grade at the time of withdrawal in order to withdraw passing. Students failing ("D" or "F") at the time of withdrawal will receive an "F". A grade of "F" will count as a failure ("F") for progression purposes.

All seniors are required to pass the NCLEX Exit/Predictor Exam as part of NUR 4903 requirements.

Students must achieve a passing grade "C" in both the Theories and corresponding Practicum courses in order to progress within the program. Students who repeat a Theories course are required to show clinical competency in order to progress. Students who repeat Practicum are required to show theoretical competency in order to progress.

Clinical competence can be attained by:

- 1 .Taking for credit the corresponding practicum course
- 2 .Completing NUR 3892 or NUR 4892 with a grade of "C" or better.

Theoretical competence can be attained by:

- 1 .Taking for credit the corresponding theory course. Students must maintain a 75% average on all exams.
- 2 .Completing NUR 3792 with a grade of "C" or better.

#### **RN to BSN Progression**

RN to BSN students must also achieve a "C" or better in all nursing courses. Students who make less than a "C" may not progress into courses for which that course is a pre-requisite until the course has been repeated and the minimum grade attained. Upon the second failure in any RN to BSN course, the student will be withdrawn from the ATU DON and will not be eligible for readmission. The department head will consider exceptions on an individual basis.

## **Readmit Policy**

#### **Pre-licensure Readmit**

Any student that fails an Upper Division nursing course (with the exception of nursing electives), withdraws, or has a break in enrollment (including medical emergencies/complications) must reapply for progression in the nursing program by end of each fall/spring semester for readmission to the following fall/spring semester. Reapplication must be made by the date immediately following the last day of end of semester final exams. To reapply, the student shall write a letter of intent addressing reasons for past failure and a plan of action for future success within the nursing program, schedule an appointment with his/her level coordinator to complete the "Reapplication to Upper Division" form then submit the completed packet to the Admission and Progression committee. Completion of the reapplication process is the responsibility of the student. Incomplete applications will not be considered. Reapplication will be based on the availability of positions within the repeating level, letter of intent and current GPA. Should several students reapply for the same level and there are a limited number of positions, GPA ranking, in conjunction with their letter of intent, will guide the committee decision-making process.

Students who have not attended Arkansas Tech University during the past year must apply for readmission to the University.

The nursing program must be completed within four years of entry into upper division nursing.

#### RN to BSN Readmit

RN to BSN students are required to reapply in the event of a break in enrollment. The student should write a letter of intent addressing reasons for past failure or break in enrollment and a plan of action for future success in the nursing program. The student should also contact the RN to BSN program coordinator to complete the "Reapplication to Upper Division" form, then submit the completed packet to the Admission and Progression committee.

Completion of the reapplication process is the responsibility of the student. The due date for RN to BSN reapplications is March 1<sup>st</sup> for summer reentry, August 1<sup>st</sup> for fall re-entry, and October 1<sup>st</sup> for spring re-entry.

#### **Advanced Placement for Licensed Nurses**

Arkansas Tech University Department of Nursing complies with the Arkansas Nursing Education Progression Model for admission and progression of licensed practical (LPN/LPTN) and registered nurses (RN) to the baccalaureate degree.

#### **Licensed Practical Nurse (LPN/LPTN)**

The LPN or LPTN who has met <u>all</u> general education and nursing pre-requisite course requirements and has a GPA >3.0 is eligible to apply to upper division nursing. Upper division applications are due by March 1<sup>st</sup> for fall admission and October 1<sup>st</sup> for spring admission. Eligible applicants are evaluated by the ATU Department of Nursing Admission and Progression Committee.

#### The LPN/LPTN must:

- 1 .Have a current unencumbered LPN or LPTN license in the state where they are practicing.
- 2. Have graduated from a PN/PTN that was Arkansas State Board of Nursing approved or NLN CNEA or ACEN accredited at the time of graduation.
- 3 .Document work experience if applying for admission >12 months after graduating from PN/PTN program. Specifically:
  - 1.<12 months after PN graduation no work experience required.
  - 2.>12 months after PN graduation documentation of at least 1000 hours of nursing employment in the preceding 12-24 months.
- 4 .Completion of an entrance exam with a score of proficient or higher. Students are allowed only two attempts on this exam.

LPNs progressing to the ATU baccalaureate degree in nursing will be awarded credit for the following courses (17 hours):

- NUR 3103
- NUR 3204
- NUR 3213
- NUR 3404
- NUR 3513

LPN/LPTNs who do not meet the defined criteria for admission will be evaluated on an individual basis. The following nursing courses can be challenged or validated:

- 1 .NUR 3204 & NUR 3404 Validate by passing the National League for Nursing (NLN) ACE I with a decision score of 75 for eight credit hours
- 2 .NUR 2303 Validate by passing the NLN Normal Nutrition exam with a decision score of 50 for three credit hours.
- 3 .NUR 3103 and NUR 3513 Validate by taking a written and demonstration skills test developed and administered by the ATU DON faculty with a decision score of 75 for six credit hours Scores for skills challenge examinations are valid for two years.

Upon admission, LPN/LPTNs are required to provide proof of licensure and submit to a background check completed by an ATU DON approved vendor. LPN to BSN students are also required to comply with the additional admission requirements prior to clinical coursework (proof of professional/student liability insurance, CPR certification, and required immunizations).

LPN to BSN students must pass NUR 2023, NUR 3303, NUR 3402, and NUR 3803 with a "C" or better prior to advanced placement into Level II nursing. See curriculum plan for LPNs.

#### Licensed Registered Nurses (RN)

The RN who has completed <u>all</u> nursing pre-requisite courses and <u>all</u> general education courses <u>or</u> has less than six hours of outstanding general education courses and has a GPA >2.75 is eligible to apply to the RN to BSN completion program (see curriculum plan for RNs). RN to BSN applications are due by March 1<sup>st</sup> for summer admission, August 1<sup>st</sup> for fall admission, and October 1<sup>st</sup> for spring admission. Eligible applicants are evaluated by the ATU Department of Nursing Admission and Progression Committee.

#### The RN must:

- 1 .Have a current unencumbered RN license in the state where they are practicing.
- 2 .Graduated from an accredited (NLNAC, ACEN) or Arkansas State Board of Nursing approved diploma or associate degree nursing program.
- 3 .Document work experience if applying for admission >12 months after graduating from diploma or associate degree RN program. Specifically: 1 .<12 months after RN graduation no work experience required.
  - 2.>12 months after RN graduation documentation of at least 1000 hours of nursing employment in the preceding 12-24 months.

RNs progressing to the ATU baccalaureate degree in nursing will be awarded credit for the following courses (38 hours):

- NUR 2023
- NUR 2303
- NUR 3103 <sup>1</sup>
- NUR 3204
- NUR 3213
- NUR 3402

- NUR 3404
- NUR 3513
- NUR 3606
- NUR 3802
- NUR 3805

RNs who do not meet the defined criteria for admission will be evaluated on an individual basis.

Upon admission to the RN to BSN program, students must provide proof of current RN licensure, professional liability insurance, and pass a background check and drug screen. These requirements must be completed through the ATU DON approved vendor.

Any student transferring from another nursing program must submit a letter of good standing to the Admission and Progression Committee with the application to upper division nursing.

#### **Contact Information**

Dr. Shelly Daily, Head

Dean Hall, Room 126 (479) 968-0383 sdaily@atu.edu

#### **Professors**

Shelly Daily, Melissa Darnell, Jennifer Helms, Carey Ellis Laffoon, Cheryl Monfee, Terri McKown

#### **Associate Professors**

Shaana Escobar, Lisa Harless, Laura Jobe, Shelly Randall, Susan Self

#### **Assistant Professors**

Chantell Corkern, Lisa Dubose, Kristen Henderson, Shellie Maggard, Carolyn Ricono

For more information, please visit www.atu.edu/nursing

## **BSN PRE-LICENSURE PROGRAM**

See the Department of Nursing page for additional requirements.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 <sup>3</sup>	3
CHEM 1113 and CHEM 1111	4
SOC 1003	3
Physical Activity	1
TECH 1001	1
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SFHS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
BIOL 2014 or BIOL 2404 <sup>2</sup>	4
PSY 2003 <sup>1</sup>	3
Total Hours	16

## Sophomore

Fall	Credits
FAH 1XXX <sup>1</sup>	6
BIOL 3054 or BIOL 2054	4
BIOL 3074 or BIOL 2414	4
NUR 2303	3
Total Hours	17

Spring	Credits
BIOL 3803/NUR 3803	3
PSY 3813	3
NUR 2023	3
NUR 3103	3
NUR 3303	3
Total Hours	15

## Junior

Fall	Credits
NUR 3204	4
NUR 3213	3
NUR 3402	2
NUR 3404 <sup>3</sup>	4
NUR 3513	3
Total Hours	16

Spring	Credits
NUR 3606	6
NUR 3802	2
NUR 3805 <sup>3</sup>	5

Spring	Credits
Total Hours	13

#### Senior

Fall	Credits
NUR 4206	6
NUR 4303	3
NUR 4405	5
Elective	1
Total Hours	15

Spring	Credits
NUR 4606	6
NUR 4804	4
NUR 4903	3
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### LPN TO BSN PROGRAM

Arkansas Nursing Education Progression Model

- NUR 3103
- NUR 3204
- NUR 3213
- NUR 3404
- NUR 3513

 $See \ the \ Department \ of \ Nursing \ page \ for \ additional \ requirements.$ 

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 <sup>4</sup>	3
CHEM 1113 and CHEM 1111	4
SOC 1003	3
Physical Activity	1
TECH 1001	1

<sup>&</sup>lt;sup>2</sup>Depending on previous preparation, student should recognize that prerequisites may be required before enrolling in BIOL 2014 or BIOL 2404.

<sup>&</sup>lt;sup>3</sup>One credit hour equals 3 contact hours.

<sup>&</sup>lt;sup>4</sup>MATH 1113 or higher level MATH course (excluding MATH 2033, MATH 2043 and STAT 2163)

Fall	Credits
Total Hours	15

Spring	Credits
ENGL 1023	3
SFHS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
BIOL 2014 or BIOL 2404 <sup>2</sup>	4
PSY 2003	3
Total Hours	16

## **Sophomore**

Fall	Credits
FAH 1XXX <sup>1</sup>	6
BIOL 3054 or BIOL 2054 <sup>5</sup>	4
BIOL 3074 <sup>5</sup> or BIOL 2414	4
NUR 2303	3
Total Hours	17

Spring	Credits
BIOL 3803/NUR 3803	3
PSY 3813	3
NUR 2023	3
NUR 3303	3
NUR 3402	2
Total Hours	14

## Junior

Fall	Credits
NUR 3606	6
NUR 3802	2
NUR 3805 <sup>3</sup>	5
Total Hours	13

Spring	Credits
NUR 4206	6
NUR 4303	3

#### Nursing

Spring	Credits
NUR 4405	5
Elective	1
Total Hours	15

#### Senior

Fall	Credits
NUR 4606	6
NUR 4804	4
NUR 4903 <sup>3</sup>	3
Total Hours	13

Spring	Credits
Total Hours	

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### RN TO BSN PROGRAM

#### **General Education Requirements**

- ENGL 1013 <sup>1</sup>
- ENGL 1023 <sup>1</sup>
- MATH 1113 or higher level MATH course (excluding MATH 2033, MATH 2043, and STAT 2163.
- SCIL 1XXX (4 hours)
- BIOL 2014 or BIOL 2404
- PSY 2003
- SOC 1003
- FAH 1XXX <sup>1</sup> (6 hours)
- SFHS 1XXX<sup>1</sup> (3 hours)
- USHG 1XXX <sup>1</sup> (3 hours)

#### Additional Nursing Major Requirements

- BIOL 3054
- BIOL 3074
- PSY 3813
- NUR 3303
- NUR 3803/BIOL 3803

#### Arkansas Nursing Education Progression Model<sup>2</sup>

- NUR 2023
- NUR 2303

<sup>&</sup>lt;sup>2</sup>Depending on previous preparation, student should recognize that prerequisites may be required before enrolling in BIOL 2014.

<sup>&</sup>lt;sup>3</sup>One credit hour equals 3 contact hours.

<sup>&</sup>lt;sup>4</sup>MATH 1113 or higher level MATH course (excluding MATH 2033, MATH 2043, and STAT 2163

<sup>&</sup>lt;sup>5</sup>If course is repeated, grades will be averaged when compiling GPA for upper division application.

- NUR 3103 <sup>1</sup>
- NUR 3204
- NUR 3213
- NUR 3402
- NUR 3404
- 11010 3-10-1
- NUR 3513
- NUR 3606NUR 3802
- NUR 3805

 $See \ the \ Department \ of \ Nursing \ page \ for \ additional \ requirements.$ 

## Senior Level Nursing for Registered Nurses Courses<sup>4</sup>

Arkansas Tech University Nursing Courses Specific to Curriculum in Baccalaureate Nursing for Registered Nurses.

## Junior (Fall Start)

Fall	Credits
NURN 4002	2
NURN 4003	3
NURN 4013	3
NURN 4303	3
Total Hours	11

#### Senior

Spring	Credits
NURN 4024	4
NURN 4034	4
Elective <sup>3</sup>	3
Total Hours	11

Summer	Credits
NURN 4045	5
Elective <sup>3</sup>	3
Total Hours	8

## Junior (Spring Start)

Spring	Credits
NURN 4002	2
NURN 4003	3
NURN 4013	3
NURN 4303	3
Total Hours	11

## Senior

Summer I, II	Credits
NURN 4024	4
Elective <sup>3</sup>	3
Total Hours	7

Fall	Credits
NURN 4034	4
NURN 4045	5
Elective <sup>3</sup>	3
Total Hours	12

## Junior (Summer Start)

Summer I, II	Credits
NURN 4002	2
NURN 4003	3
Elective <sup>3</sup>	3
Total Hours	8

Fall	Credits
NURN 4013	3
NURN 4024	4
NURN 4303	3
Total Hours	10

Spring	Credits
NURN 4034	4
NURN 4045	5
Elective <sup>3</sup>	3
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Licensed registered nurses who have met all of the lower division nursing curriculum requirements and graduated from an associate degree or diploma program that was ACEN accredited at the time of graduation may receive credit for 38 hours of nursing courses if they meet specific requirements.

<sup>&</sup>lt;sup>3</sup>Electives to be approved by Nursing advisor.

<sup>&</sup>lt;sup>4</sup>All general education requirements must be completed before enrolling in Senior Level Nursing for Registered Nurses courses unless granted an exception by the department head. All additional nursing major requirements must be completed with a GPA. # 2.75 prior to enrolling in Senior Level Nursing for Registered Nurses courses.

# EMERGENCY MANAGEMENT, PROFESSIONAL STUDIES, & STUDENT AFFAIRS ADMINISTRATION

## DEPARTMENT OF EMERGENCY MANAGEMENT, PROFESSIONAL STUDIES, AND STUDENT AFFAIRS ADMINISTRATION

The Department of Emergency Management, Professional Studies, and Student Affairs Administration offers four undergraduate degrees and, currently, two graduate degrees (see the Graduate Catalog). Both the Emergency Management and Professional Studies programs offer bachelor degrees as well as a minor option.

## **Emergency Management**

The Bachelor of Science degree in Emergency Administration and Management (EAM) was established in 1997. Arkansas Tech University was one of the first institutions to offer a baccalaureate degree in this specialized and rapidly growing academic discipline. In 2006, the program became the first degree program to receive accreditation on a national as well as international level from the Foundation for Higher Education Accreditation in Emergency Management (now known as the Council for the Accreditation of Emergency Management and Homeland Security Education).

In view of the interest in this degree from a wide geographic area including international countries, the degree is also available online as an electronic degree that was approved by the Higher Learning Commission in 2005. The program offers an accelerated pathway to a Master of Science degree in Emergency Management and Homeland Security for students seeking an advanced degree in the discipline and has pathways for Associate degree holders of either Paramedic, Fire Science, or Law Enforcement to complete their Bachelor of Science in Emergency Administration and Management in just two years.

#### **Emergency Management offers the following degrees:**

- Emergency Administration and Management
- AAS in Paramedic/Emergency Medical Services to BS in Emergency Management
- Minor

#### **Contact Information**

Dr. Sandy Smith

Head, Department of Emergency Management, Professional Studies, and Student Affairs Administration

Dean Hall, Room 110 (479) 356-2092

Professor

Sandy Smith, Elizabeth Gray

Associate Professors

Jamie Stacy

**Assistant Professors** 

Rejina Manandhar, Ekong Peters , Bethany Swindell

For more information, please visit www.atu.edu/emergencymanagement

## **Professional Studies**

The Department of Professional Studies offers three degree programs designed to meet the unique learning outcomes and career-progression goals of both traditional and non-traditional students. The Bachelor of Arts in Organizational Leadership (BA-OL) provides a 42-hour professional core to provide the student with a foundation in the emerging academic and career-field of organizational leadership. Additionally, BA-OL program students chose from one of several 18-hour concentration areas. The Bachelor of Applied Science (BAS) program offers a pathway to a four-year undergraduate degree for individuals who earned an Associate of Applied Science (A.A.S.) or similar two-year degree. The Bachelor of Professional Studies program is the most flexible program available for those who seek to complete a four-year degree by maximizing prior academic credit. Students complete the necessary hours for all degree programs within a convenient yet directed scheduling format under the guidance of academic advisors who understand the unique needs of adult learners. The Bachelor of Professional Studies (BPS) primary target groups include:

- · Students graduating from community colleges
- Degree "stop-outs" who began but never completed a bachelor's degree
- Individuals who have accumulated hours that cannot be applied toward a specific major.

The curriculum is designed to enhance workplace skills such as planning, organizational behavior, ethics, needs assessment, problem solving, communications, human resources, and technology applications.

Professional Studies offers the following degrees:

- Bachelor of Applied Science
- Bachelor of Arts in Organizational Leadership
  - Agriculture Business Concentration
  - Child Development Concentration
  - Criminal Justice Concentration
  - · Emergency Management
  - · Inter-College Concentration
  - · Military Leadership
  - Psychology Concentration
  - · Public Relations Concentration
- Bachelor of Professional Studies
  - · Interdisciplinary Studies Concentration
  - · Certificate of Proficiency in Professional Leadership
  - · Leadership Minor

All bachelor's degrees at Arkansas Tech University require 35 hours of general education coursework and a minimum of 40 hours of upper division courses, and a 120 hour total. Additionally, at least 30 hours must be earned at Arkansas Tech University.

#### Prior Learning Assessment (PLA)

A Prior Learning Assessment (PLA) process is available that could award upper-division credit for relevant work experience, professional development, or military training. The basis for requesting credit for prior learning is the development of a portfolio with assistance from a faculty advisor. Every student requesting credit for prior learning must enroll in this course and complete a portfolio, which demonstrates the college-level learning that has resulted from experiences outside a formal academic framework. The student utilizes this method to document knowledge acquired which is equivalent to upper-division college-level credit. The Arkansas Higher Education Coordinating Board sets credit limits for experiential/prior learning assessment.

#### **Contact Information**

Dean Hall, Room 110 (479) 968-0318 ps@atu.edu

Associate Professor

Jeff Aulgur, Tennille Lasker-Scott, Jeremy Schwehm

Senior Instructor

Jennifer Enderlin

#### **Student Affairs Administration**

Student Affairs Administration (SAA) offers an online and/or on-campus master's program in student affairs administration. The department is committed to the growth, development, and success of students by combining academic preparation, mentorship, and field experience in student affairs. In addition, through its first-year student course offerings (TECH 1001 & TECH 1013), the Department of SAA also works to assist entering college students in making successful transitions to the college environment. Student Affairs Administration offers the following graduate-level programs:

- Master of Science in Student Affairs Administration
- · Collegiate Advising Certificate

Students with an interest in the above program should refer to the Arkansas Tech University Graduate Catalog.

#### **Contact Information**

Tomlinson Hall, Room 105 (479) 356-2007 saa@atu.edu

**Professors** 

Christine Austin, Susan Underwood

Associate Professor

Rene Couture

Assistant Professor

Dana Tribble

## AAS IN PARADEMIC/EMERGENCY MEDICAL SERVICES TO BS IN EMERGENCY MANAGEMENT PROGRAM

#### Associate of Applied Science Requirements (60 hours):

- BST 1303, CIS 1113, COMS 1003, OR COMS 2003
- BIOL 2404
- BIOL 2414
- ENGL 1013
- ENGL 1023
- EMTP 1233
- EMTP 1234
- EMTP 1243
- EWITE 1243
- EMTP 2101
- EMTP 2111
- EMTP 2202
- EMTP 2203
- EMTP 2211
- EMTP 2212
- EMTP 2311
- EMTP 2313
- EMTP 2316
- EMTP 2323
- EMTP 2413
- MATH 1003 OR MATH 1113
- SS 1XXX <sup>1</sup> (3 hours)
- TECH 1001 OR OZRK 1001

#### Other General Education Requirements (15 hours):

- CM 1XXX <sup>1</sup> (3 hours)
- SS 1XXX <sup>1</sup> (3 Hours)
- FAH 1XXX <sup>1</sup> (6 hours)
- USHG 1XXX<sup>1</sup> (3 hours)

#### EAM Core (36 hours)

Students must make a "C" or better in all required courses and practical applications.

#### Required EAM Courses Include:

- EAM 1013
- EAM 3003
- EAM 3013
- EAM 3023
- EAM 3053
- EAM 3063
- EAM 4003
- EAM 4013
- EAM 4023EAM 4033
- EAM 4606

#### <sup>2</sup>EAM Electives (9 hours)

- EAM 3033
- EAM 3123
- EAM 3143
- EAM 3243
- EAM 4043
- EAM 4053EAM 4063
- EAM 4003
- EAM 4083
- EAM 4881, EAM 4882, or EAM 4883
- EAM 4991, EAM 4992, or EAM 4993

#### **Junior**

Fall	Credits
SS 1XXX <sup>1</sup>	3

Fall	Credits
FAH 1XXX <sup>1</sup>	3
EAM 1013	3
EAM 3003	3
EAM 3013	3
Total Hours	15

Spring	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
EAM 3023	3
EAM 3053	3
USHG 1XXX <sup>1</sup>	3
Total Hours	15

Fall	Credits
EAM 3063	3
EAM 4003	3
EAM 4013	3
EAM 4023	3
EAM Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
EAM 4033	3
EAM 4606	6
EAM Elective <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions "General Education Requirements".

 $<sup>^2</sup>$ 9 hours of EAM electives from the following: EAM 3033, EAM 3123, EAM 3143 , EAM 3243 , EAM 4043, EAM 4053 EAM 4063, EAM 4083, EAM 4991, EAM 4992, or EAM 4993.

### BACHELOR OF SCIENCE IN EMERGENCY MANAGEMENT

Interest in emergency management and its importance from the global perspective continues to increase following ever present events related to natural and technological hazards, terrorism, and other homeland security issues. In this program, students explore emergency planning and preparedness, cultural considerations and natural human behavior, appropriate responses, political and legal applications within the field, and ethical foundations for emergency management professionals. The degree is available both on campus and through distance education, which received approval as an online degree program through the Higher Learning Commission of the North Central Association of Colleges and Schools.

The program employs the comprehensive emergency management approach (four phases and all hazards) required for various careers in the private sector, non-profit, and government agencies ranging from the local to federal levels. Some of these applications include business continuity, cyber security, risk assessment, preparedness, and planning.

The curriculum requires all students to complete 57 hours of EAM courses which include 12 hours of credit for practical application experiences in which students are able to turn their classroom training into practical application. The program is designed to build a solid foundation in emergency management concepts, competencies, and demonstrated applications. Additionally, students are required to complete courses related to written and oral communications as well as a Technology Course <sup>3</sup>.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
TECH 1001	1
CM 1XXX <sup>1</sup>	3
EAM 1013	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
Technology Course <sup>3</sup>	3
EAM 3003	3
Total Hours	16

### **Sophomore**

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
FAH 1XXX <sup>1</sup>	3
ENGL 2053 or PS 3023	3
EAM 3063	3

Fall	Credits
Elective	3
Total Hours	16

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
EAM 4033	3
EAM Electives <sup>2</sup>	3
Elective	3
Total Hours	15

# Junior

Fall	Credits
EAM 3013	3
EAM 4023	3
EAM Electives <sup>2</sup>	3
Electives <sup>3</sup>	6
Total Hours	15

Spring	Credits
EAM 3023	3
EAM 3053	3
EAM 4013	3
EAM Electives <sup>2</sup>	3
Electives <sup>3</sup>	3
Total Hours	15

### Senior

Fall	Credits
EAM 4003 <sup>4</sup>	3
EAM Electives <sup>2</sup>	6
Electives <sup>3</sup>	6
Total Hours	15

Spring	Credits
EAM 4106	6
EAM 4606	6
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions "General Education Requirements".

#### EAM Core (33 hours)

Students must make a "C" or better in all required courses and practical applications.

#### **Required EAM Courses Include:**

- EAM 1013
- EAM 3003
- EAM 3013
- EAM 3023
- EAM 3053
- EAM 3063
- EAM 4003
- EAM 4013
- EAM 4023
- EAM 4033

#### In addition, all students must take 12 Hours of Practical Application:

- EAM 4106
- EAM 4606

#### And 15 hours of EAM electives from the following:

- EAM 1003
- EAM 2033
- EAM 2413
- EAM 2881, EAM 2882, or EAM 2883
- EAM 2991, EAM 2992, or EAM 2993
- EAM 3033
- EAM 3073
- EAM 3123
- EAM 3143
- EAM 3243
- EAM 3903EAM 4043
- EAM 4053
- EAM 4063
- EAM 4083
- EAM 4093
- EAM 4103
- EAM 4881, EAM 4882, or EAM 4883
- EAM 4951, EAM 4952, EAM 4953, or EAM 4954
- EAM 4991, EAM 4992, or EAM 4993

### EMERGENCY MANAGEMENT MINOR

The minor in Emergency Management is designed to provide additional breadth for students majoring in related programs in the field of crisis and disaster management.

<sup>&</sup>lt;sup>2</sup>15 hours of EAM electives from the following: EAM 1003, EAM 2033, EAM 2413, EAM 2881, EAM 2882, or EAM 2883, EAM 2991, EAM 2992, or EAM 2993, EAM 3033, EAM 3073, EAM 3123, EAM 3143, EAM 3243, EAM 3903, EAM 4043, EAM 4053, EAM 4063, EAM 4083, EAM 4093, EAM 4103, EAM 4881, EAM 4882, or EAM 4883, EAM 4951, EAM 4952, EAM 4953, or EAM 4954, EAM 4991, EAM 4992, or EAM 4993 <sup>3</sup> Three (3) hour Technology Course requirement from the following: BUAD 1023, BUAD 2003; any course with the course subjects COMS, CSEC, BST, or CIS; or GEOG 2833 / FW 2833

<sup>&</sup>lt;sup>3</sup>Students admitted to the Accelerated Bachelor's Plus EMHS Master's Degree Program can take up to 9 credit hours at the 5000-level and 6000-level that can count towards elective hours.

<sup>&</sup>lt;sup>4</sup>Students admitted to the Accelerated Bachelor's Plus EMHS Master's Degree Program may take EMHS 5003 instead of EAM 4003.

The minor requires 18 hours of coursework emphasizing content in areas of social and physical vulnerabilities of natural and technological disasters.

- EAM 1013
- Twelve hours of upper division EAM courses (3000-4000 level)
- Three hours of EAM Electives (1000-4000 level)

# **PROFESSIONAL STUDIES**

# APPLIED LEADERSHIP CONCENTRATION

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1
Technical Course <sup>2</sup>	3
Elective <sup>3</sup>	3
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
Elective <sup>3</sup>	3
Total Hours	16

### **Sophomore**

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Technical Course <sup>2</sup>	3
Elective <sup>3</sup>	6
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
PS 3013	3

Spring	Credits
BUAD 3123	3
Elective <sup>3</sup>	3
Total Hours	15

### Junior

Fall	Credits
PS 3133	3
BUAD 3143	3
PS 4343	3
PS 4543	3
Professional Studies Professional Core <sup>4</sup>	3
Total Hours	15

Spring	Credits
PS 3023	3
PS 3143	3
Elective <sup>3</sup>	6
Total Hours	12

### Senior

Fall	Credits
PS 3003	3
PS 4143	3
PS 4443	3
Technical Courses <sup>2</sup>	6
Total Hours	15

Spring	Credits
PS 4003	3
PS 4243	3
Technical Courses <sup>2</sup>	9
Total Hours	15

 $<sup>^{\</sup>rm 1}{\rm See}$  appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>Technical courses taken as part of an associate degree or from a community college may be transferred into the BPS degree.

<sup>&</sup>lt;sup>3</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>4</sup>Three hours from the following: PS 4643 or PS 4743.

### BACHELOR OF APPLIED SCIENCE

The Bachelor of Applied Science (B.A.S.) degree provides students who have earned an Associate of Applied Science (A.A.S.) degree in any discipline a seamless transition to the online B.A.S. degree. Additionally, the program of study is appropriate for:

- · Students graduating from community colleges with credentials other than an A.A.S. degree
- Degree "stop-outs" who began but never completed a bachelor's degree
- Individuals who have accumulated hours that cannot be applied toward a specific major.

Students complete the necessary hours for the degree within a convenient yet directed scheduling format under the guidance of advisors who understand the unique needs of the adult learner.

This stackable education sequence enhances an individual's academic qualifications and increases potential career upward mobility. The degree design maximizes earned hours; a student with an A.A.S. degree must complete 66 hours to earn the B.A.S. degree (26 hours General Education/40 hours Degree Requirements).

To maximize credentialing opportunities, a student in the B.A.S. program may earn the Certificate by completing the first 15 hours of Professional Studies courses in the program.

#### Learning Objectives for the Bachelor of Applied Science Degree:

- Communication: Proficiency of written communication skills for a variety of audiences.
- Critical Thinking and Problem Solving: Analyzing and evaluating evidence to deliver data-driven solutions.
- · Analytical Skills: Developing conclusions through quantitative and qualitative reasoning.
- Ethics: Applying ethical principles in personal, professional, and societal contexts.
- · Diversity: Demonstrating understanding and consideration of diverse cultural perspectives and intercultural complexities.
- Teamwork: Demonstrating teamwork fundamentals through participation and engagement.
- Technical Expertise: Demonstrating proficiency in project management, computer literacy, technology, financial management, and knowledge application.
- Leadership and Management: Applying leadership and management strategies in professional settings, to include human resources management, conflict management, and conflict resolution.

#### Program of Study (BAS)

All bachelor's degrees at Arkansas Tech University require 35 hours of general education coursework and a minimum of 40 hours of upper division courses, and 120 total hours. Additionally, at least 30 hours must be earned at Arkansas Tech University.

General Education coursework or enrollment in courses as needed: 35 hours

#### **Required Core**

PSY 3093
OL 3023 / PS 3023
OL 3133 / PS 3133
OL 4043
OL 4443 / PS 4443
OL 4543 / PS 4543
OL 4643 / PS 4643 or OL 4743 / PS 4743
OL 4963 / PS 4963
BAS 4253
BAS 4353
BAS 4363
BAS 4373
BAS 4453
BAS 4453
BAS 4553

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3

Fall	Credits
PSY 2003	3
Electives	9
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
Electives	12
Total Hours	15

Fall	Credits
MATH XXXX <sup>1</sup>	3
Electives	11
Total Hours	14

Spring	Credits
CM 1XXX <sup>1</sup>	3
Electives	11
Total Hours	14

Fall	Credits
FAH 1XXX <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
OL 3023/PS 3023	3
OL 4043	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
OL 3133/PS 3133	3
PSY 3093	3
Total Hours	16

Fall	Credits
BAS 4353	3
OL 4443/PS 4443	3
OL 4543/PS 4543	3
OL 4643/PS 4643 or OL 4743/PS 4743	3
BAS 4253	3
Total Hours	15

Spring	Credits
BAS 4363	3
BAS 4373	3
BAS 4453	3
BAS 4553	3
OL 4963/PS 4963	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### BACHELOR OF ARTS ORGANIZATIONAL LEADERSHIP

The Bachelor of Arts in Organizational Leadership (BA-OL) provides students with comprehensive, specialized instruction in the application of leadership concepts highly sought after by employers across a wide variety of settings and career paths. Students enrolled in the BA-OL will learn about leadership theory, leadership development, supervision, workplace learning and communication, non-profit leadership and community development, globalization and diversity, and organizational change. Upon completion of this program, students will be equipped to seek out numerous career opportunities in diverse organizational settings based on individual skill set, interests, and initiative, as well as graduate-level education. The curriculum is designed to enhance essential workplace skills such as planning, organizational behavior, ethics, needs assessment, problem solving, communications, human resources, and technology applications. The BA-OL can be completed entirely online.

#### Students may elect to pursue concentrations in the following areas:

- Agriculture Business
- Child Development
- · Criminal Justice
- Emergency Management
- Inter College
- Military Leadership
- Psychology
- Public Relations

The Inter-College option allows students, in close consultation with an advisor, to design a multi-disciplinary degree path to meet personal and professional goals.

# Program of Study (BA Organizational Leadership)

General Education coursework: 35 hours

**Required Professional Core: 42 hours** 

LEAD 1003 LEAD 2003 **OR** OL 4043 OL 3023 / PS 3023 OL 3133 / PS 3133 OL3143 / PS 3143 OL 4143 / PS 4143 OR OL 4343 / PS 4343

OL 4243 / PS 4243

OL 4443 / PS 4443

OL 4543 / PS 4543

OL 4643 / PS 4643

OL 4743 / PS 4743

OL 4843 / PS 4843

OL 4943 / PS 4943

OL 4963 / PS 4963

#### **Selected Concentration: 18 hours**

Agriculture Business (All courses not available online)

Child Development (Program does not lead directly to teacher licensure)

Criminal Justice

**Emergency Management** 

Inter - College

Military Leadership

Psychology

**Public Relations** 

#### **Balance of electives: Varies**

Hours needed to meet 40-hour upper division requirement or balance of 120 hours

Total: 120 hours

#### **Prior Learning Assessment (PLA)**

A Prior Learning Assessment (PLA) process is available that could award upper-division credit for relevant work experience, professional development, or military training. The basis for requesting credit for prior learning is the development of a portfolio with assistance from a faculty advisor. Every student requesting credit for prior learning must enroll in this course and complete a portfolio, which demonstrates the college-level learning that has resulted from experiences outside a formal academic framework. The student utilizes this method to document knowledge acquired which is equivalent to upper-division college-level credit. The Arkansas Higher Education Coordinating Board sets credit limits for experiential/prior learning assessment.

### **Contact Information**

Associate Professor

Jeff Aulgur, Jeremy Schwehm

**Assistant Professors** 

Tennille Lasker-Scott

**Senior Instructor** 

Jennifer Saxton

# BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP AGRICULTURE BUSINESS CONCENTRATION

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3

Fall	Credits
Elective <sup>2</sup>	3
CM 1XXX <sup>1</sup>	3
TECH 1001	1
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
Total Hours	16

Fall	Credits
AGBU 2063	3
FAH 1XXX <sup>1</sup>	3
Elective2	9
Total Hours	15

Spring	Credits
AGBU 2073	3
FAH 1XXX <sup>1</sup>	3
LEAD 1003	3
Elective <sup>2</sup>	6
Total Hours	15

Fall	Credits
OL 3133/PS 3133	3
AGBU 3233	3
AGBU 4013	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
OL 4043 <i>or</i> LEAD 2003	3
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
AGBU 4003	3
OL 4443/PS 4443	3
Total Hours	12

Fall	Credits
AGBU 4023	3
OL 4243/PS 4243	3
OL 4543/PS 4543	3
OL 4643/PS 4643	3
OL 4943/PS 4943 <sup>3</sup>	3
Total Hours	15

Spring	Credits
OL 4743/PS 4743	3
OL 4843/PS 4843	3
OL 4963/PS 4963 <sup>3</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP CHILD DEVELOPMENT **CONCENTRATION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

Fall	Credits
Elective <sup>2</sup>	6
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
ECE 2113	3
Total Hours	16

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
LEAD 1003	3
ECE 2513	3
Elective <sup>2</sup>	3
Total Hours	15

Fall	Credits
OL 3133/PS 3133	3
ECE 2313	3
ECE 2613	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
OL 4043 or LEAD 2003	3
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
OL 4443/PS 4443	3
OL 4543/PS 4543	3
Total Hours	12

Fall	Credits
NUR 2303 or HA 2813	3
OL 4643/PS 4643	3
OL 4743/PS 4743	3
OL 4843/PS 4843	3
OL 4943/PS 4943 <sup>3</sup>	3
Total Hours	15

Spring	Credits
OL 4243/PS 4243	3
ELED 2113	3
OL 4963/PS 4963 <sup>3</sup>	3
Electives <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP CRIMINAL JUSTICE **CONCENTRATION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
Elective <sup>2</sup>	3

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

Fall	Credits
CJ 2003	3
TECH 1001	1
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
CJ 2043	3
Total Hours	16

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
LEAD 1003	3
CJ 3083/SOC 3083	3
Elective <sup>2</sup>	3
Total Hours	15

Fall	Credits
OL 3133/PS 3133	3
CJ 3023/POLS 3023	3
CJ 3033/PSY 3033	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
OL 4043 <i>or</i> LEAD 2003	3
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
OL 4443/PS 4443	3
OL 4843/PS 4843	3
Total Hours	12

Fall	Credits
CJ 3103/SOC 3103	3
OL 4243/PS 4243	3
OL 4543/PS 4543	3
OL 4943/PS 4943 <sup>3</sup>	3
Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
OL 4643/PS 4643	3
OL 4743/PS 4743	3
OL 4963/PS 4963 <sup>3</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP EARLY CHILDHOOD **EDUCATION CONCENTRATION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
Technical Course <sup>2</sup>	3

 $<sup>^2\!</sup>$  At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

Fall	Credits
Elective	3
TECH 1001	1
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1,2</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
ECED 2003	3
Total Hours	16

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Technical Course <sup>2</sup>	3
Elective <sup>3</sup>	6
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
PS 3013	3
MATH 2033	3
Elective <sup>3</sup>	3
Total Hours	15

Fall	Credits
PS 3133	3
ECED 3023	3
ECED 3033	3
Professional Studies Professional Core Electives <sup>4</sup>	6
Total Hours	15

Spring	Credits
PS 3023	3
PS 3143	3
Elective <sup>3</sup>	6
Total Hours	12

Fall	Credits
PS 3003	3
EDMD 3013	3
Technical Courses <sup>2</sup>	6
Elective <sup>3</sup>	3
Total Hours	15

Spring	Credits
PS 4003	3
Technical Courses <sup>2</sup>	9
BIOL/PHSC 3213	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP EMERGENCY MANAGEMENT CONCENTRATION

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1
Elective <sup>2</sup>	6
Total Hours	17

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1,2</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
Elective <sup>2</sup>	3
Total Hours	16

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
LEAD 1003	3
EAM 1013	3
OL 4843/PS 4843	3
Total Hours	15

Fall	Credits
OL 3133/PS 3133	3
EAM 3013	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
EAM 3023	3
OL 4043 or LEAD 2003	3
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
EAM 3053	3

Spring	Credits
OL 4443/PS 4443	3
Total Hours	12

Fall	Credits
EAM 4003	3
OL 4243/PS 4243	3
OL 4543/PS 4543	3
OL 4643/PS 4643	3
OL 4943/PS 4943 <sup>3</sup>	3
Total Hours	15

Spring	Credits
EAM 4013	3
OL 4743/PS 4743	3
OL 4963/PS 4963 <sup>3</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP INTER-COLLEGE **CONCENTRATION**

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1
Electives <sup>2</sup>	6
Total Hours	17

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
Electives <sup>2</sup>	3
Total Hours	16

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Electives <sup>2</sup>	9
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
LEAD 1003	3
Electives <sup>2</sup>	6
Total Hours	15

Fall	Credits
OL 3133/PS 3133	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
OL 4043 <i>or</i> LEAD 2003	3
Electives <sup>2</sup>	6
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
OL 4243/PS 4243	3
OL 4443/PS 4443	3
Total Hours	12

Fall	Credits
OL 4543/PS 4543	3
OL 4643/PS 4643	3
OL 4943/PS 4943 <sup>3</sup>	3
Electives <sup>2</sup>	6
Total Hours	15

Spring	Credits
OL 4743/PS 4743	3
OL 4843/PS 4843	3
OL 4963/PS 4963 <sup>3</sup>	3
Electives <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP MILITARY LEADERSHIP **CONCENTRATION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1
Elective <sup>2</sup>	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup> Must earn a 'C' or better.

Spring	Credits
Elective <sup>2</sup>	3
Total Hours	16

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
POLS 2403	3
POLS 2413	3
LEAD 1003	3
Elective <sup>2</sup>	3
Total Hours	15

Fall	Credits
OL 3133/PS 3133	3
POLS 3013	3
POLS 3473	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
OL 4043 or LEAD 2003	3
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
OL 4443/PS 4443	3
POLS 3053	3
Elective <sup>2</sup>	3
Total Hours	15

Fall	Credits
POLS Upper-Division Elective (3000-4000)	3
OL 4243/PS 4243	3
OL 4543/PS 4543	3
OL 4643/PS 4643	3
OL 4943/PS 4943 <sup>3</sup>	3
Total Hours	15

Spring	Credits
OL 4743/PS 4743	3
OL 4843/PS 4843	3
OL 4963/PS 4963 <sup>3</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF ARTS IN ORGANIZATIONAL LEADERSHIP PSYCHOLOGY **CONCENTRATION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
PSY 2003	3
Electives <sup>2</sup>	6
TECH 1001	1
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

### **Professional Studies**

Spring	Credits
MATH XXXX <sup>1</sup>	3
PSY 2023	3
Total Hours	16

# Sophomore

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
LEAD 1003	3
PSY 3813	3
Elective <sup>2</sup>	3
Total Hours	15

### Junior

Fall	Credits
OL 3133/PS 3133	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
OL 4043 or LEAD 2003	3
Approved PSY/SOC upper-division Electives (3000-4000)	3
Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
OL 4243/PS 4243	3
OL 4443/PS 4443	3
Total Hours	12

# Senior

Fall	Credits
PSY 3093	3
OL 4543/PS 4543	3
OL 4643/PS 4643	3
OL 4843/PS 4843	3
OL 4943/PS 4943 <sup>3</sup>	3
Total Hours	15

Spring	Credits
Approved PSY upper-division Electives (3000-4000)	3
OL 4743/PS 4743	3
OL 4963/PS 4963 <sup>3</sup>	3
Elective <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### **BACHELOR OF ARTS** ORGANIZATIONAL LEADERSHIP WORKFORCE IN TECHNOLOGY CONCENTRATION

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1
COMS 1003	3
Elective <sup>2</sup>	3
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

### **Professional Studies**

Spring	Credits
MATH XXXX <sup>1</sup>	3
COMS 2003	3
Total Hours	16

# Sophomore

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
BDA 2003	3
Elective <sup>2</sup>	6
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
OL 3013	3
COMS 2233	3
Elective <sup>2</sup>	3
Total Hours	15

### Junior

Fall	Credits
OL/PS 3133	3
BUAD 3123	3
OL/PS 4143	3
OL/PS 4243	3
OL/PS 4343	3
Total Hours	15

Spring	Credits
OL/PS 3023	3
OL/PS 3143	3
MGMT 4073	3
OL/PS 4443	3
Total Hours	12

### Senior

388 Professional Studies

Fall	Credits
COMS 3053	3
OL/PS 4543	3
OL/PS 4643	3
OL/PS 4943 <sup>3</sup>	3
Electives <sup>2</sup>	3
Total Hours	15

Spring	Credits
OL/PS 4743	3
OL/PS 4843	3
OL/PS 4963 <sup>3</sup>	3
Electives <sup>2</sup>	6
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

#### **BACHELOR OF PROFESSIONAL STUDIES INTERDISCIPLINARY STUDIES CONCENTRATION**

The Bachelor of Professional Studies (BPS) is an online Accelerated Degree Program (ADP) offering a flexible degree completion path addressing the unique needs of particular target groups. The accelerated delivery format is designed to ease the financial, time, and geographic constraints adults face in completing a baccalaureate program. Students complete the necessary hours for the degree within a convenient yet directed scheduling format under the guidance of academic advisors who understand the unique needs of adult learners.

The primary target groups include:

- Students graduating from community colleges
- Degree "stop-outs" who began but never completed a bachelor's degree
- Individuals who have accumulated hours that cannot be applied toward a specific major.

The curriculum is designed to enhance workplace skills such as planning, organizational behavior, ethics, needs assessment, problem solving, communications, human resources, and technology applications.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1
Electives <sup>2</sup>	6

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

Fall	Credits
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
Electives <sup>2</sup>	3
Total Hours	16

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Electives <sup>2</sup>	9
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Electives <sup>2</sup>	9
Total Hours	15

### Junior

Fall	Credits
OL 3133/PS 3133	3
Electives <sup>2</sup>	12
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 4443/PS 4443	3
Electives <sup>2</sup>	6
Total Hours	12

### Senior

Fall	Credits
OL 4543/PS 4543	3
Electives <sup>2</sup>	12
Total Hours	15

Spring	Credits
OL 4963/PS 4963 <sup>3</sup>	3
OL 4643/PS 4643	3
Electives <sup>2</sup>	9
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELORS OF ARTS IN ORGANIZATIONAL LEADERSHIP PUBLIC RELATIONS **CONCENTRATION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
SS 1XXX <sup>1</sup>	3
TECH 1001	1
Elective <sup>2</sup>	6
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1,2</sup>	4
SS 1XXX <sup>1</sup>	3
MATH XXXX <sup>1</sup>	3
Elective <sup>2</sup>	3
Total Hours	16

## **Sophomore**

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

Fall	Credits
CM 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
Elective <sup>2</sup>	9
Total Hours	15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
LEAD 1003	3
JOUR 3173	3
Elective <sup>2</sup>	3
Total Hours	15

### Junior

Fall	Credits
OL 3133/PS 3133	3
COMM 3033	3
OL 4143/PS 4143 or OL 4343/PS 4343	3
COMM 4153	3
OL 4043 or LEAD 2003	3
Total Hours	15

Spring	Credits
OL 3023/PS 3023	3
OL 3143/PS 3143	3
JOUR 4083	3
OL 4443/PS 4443	3
Total Hours	12

### Senior

Fall	Credits
JOUR 4033	3
OL 4243/PS 4243	3
OL 4543/PS 4543	3
OL 4643/PS 4643	3
OL 4943/PS 4943 <sup>3</sup>	3

Fall	Credits
Total Hours	15

Spring	Credits
COMM 3073	3
OL 4743/PS 4743	3
OL 4843/PS 4843	3
OL 4963/PS 4963 <sup>3</sup>	3
Elective <sup>2</sup>	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### CERTIFICATE OF PROFICIENCY IN PROFESSIONAL LEADERSHIP

The certificate of proficiency in Professional Leadership offers a 15-hour stand-alone solution for individuals currently employed in professional, corporate, management, industrial, and nonprofit positions but whose formal academic background may not have emphasized this skillset. The certificate also offers an opportunity for individuals who have earned some college credit but who have not received a baccalaureate degree to enhance his or her leadership abilities. For these potential students, the certificate of proficiency in Professional Leadership would serve as a gateway to the Bachelor of Professional Studies degree or the Bachelor of Applied Science degree. Finally, a certificate of proficiency in Professional Leadership provides current students with an opportunity to enhance their employability before graduation, regardless of the field of study.

OL 3023/PS 3023

OL 3133/PS 3133

OL 4343/PS 4343 OR OL 4643/PS 4643

OL 4443/PS 4443

OL 4543/PS 4543

### MINOR IN LEADERSHIP STUDIES

The 18-hour interdisciplinary program is designed for undergraduate students wanting to gain leadership skills that can be applied to their involvement with co-curricular activities while they are pursuing their degree. Students will complete the minor with knowledge and experience so they may be better prepared to become leaders in both their professional careers and communities. This will be accomplished by offering students opportunities to practically apply what they have learned in the classroom into their real-world experiences. In this program, students will interact with partners from the university, local, and state level leadership to role model, instruct, and mentor undergraduate students wanting to make a positive impact in their communities.

The curriculum includes courses specifically focused on leadership development, electives that are identified as leadership focused from a variety of disciplines, and will require completion of an internship (capstone seminar) that will have students put what they have learned in their leadership coursework into practical action.

Students pursuing the leadership minor will need to be actively pursuing a bachelor's degree and will need to earn a "C" or higher in each of the core leadership courses and in the 6 hours of approved leadership electives. In addition, they will need to have 6 hours of residency at Arkansas Tech University.

Complete 18 hours from the courses below:

- LEAD 1003
- LEAD 2003
- LEAD 3003
- LEAD 4003

<sup>&</sup>lt;sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.

<sup>&</sup>lt;sup>3</sup>Must earn a 'C' or better.

- Six (6) hours of electives, with at least three (3) hours at the 3000-4000 level that are focused on leadership outside of the student's declared academic major offerings, from the following:
  - AGLE 3003
  - AGLE 3013
  - BAS 4353
  - COMM 3003
  - COMM 4063
  - EAM 3013
  - EAM 3053
  - EAM 4043
  - EAM 4063
  - JOUR 3173
  - LEAD 4103
  - MGMT 4213
  - OL 4143/PS 4143
  - OL 4343/PS 4343
  - OL 4543/PS 4543
  - OL 4643/PS 4643
  - PHIL 3023
  - PSY 4043/SOC 4043

# COLLEGE OF SCIENCE, TECHNOLOGY, **ENGINEERING, & MATHEMATICS**

# COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

### **Departments**

- · Biological Sciences
- Engineering & Computing Sciences
- Mathematics & Statistics
- Physical & Earth Sciences

### **Programs of Study**

The College of Science, Technology, Engineering, and Mathematics offers programs of study leading to baccalaureate degrees as listed below:

**Bachelor of Science** 

**Applied Statistics** 

**Actuarial Science** 

Data Science

Biology with options in:

Biomedical

General

Chemistry with options in:

Biochemistry

Environmental

General

Professional (A.C.S. Approved)

Computer Science

Computer Science Education

Cybersecurity

**Engineering Physics** 

**Environmental Science** 

Fisheries & Wildlife Science\*

Geology with options in:

Environmental

Petroleum

Professional

Information Technology

**Mathematics** 

Medical Laboratory Science

**Physics** 

**Secondary Education with Teacher Licensure in:** 

Mathematics

Computer Science

**Bachelor of Science in Computer Engineering** 

Computer Engineering

**Bachelor of Science in Electrical Engineering** 

Electrical Engineering
Electrical Engineering with Biomedical Option

**Bachelor of Science in Mechanical Engineering** 

Mechanical Engineering

**Associate of Applied Science** 

Information Technology Cybersecurity

Associate of Science in Nuclear Technology

Nuclear Technology

Associate of Science in Manufacturing

Manufacturing

**Certificates of Proficiency** 

Computer Networking Computer Programming

#### Mission

The mission of the College of Science, Technology, Engineering, and Mathematics is to provide support and oversight of our high-quality accredited Associate, Bachelor of Science and Masters of Science degree programs.

#### Vision

The vision of the College is to be recognized for providing high-quality educational opportunities which: prepare students for their chosen profession, provide a fundamental broad-based education, and develop educated citizens with an aspiration for life-long learning.

#### **Core Values**

The College of Science, Technology, Engineering, and Mathematics values integrity first, service to constituents and excellence in preparing graduates for life.

### **Principles**

The College of Science, Technology, Engineering, and Mathematics:

- Values scholarly activity, especially as it relates to the enhancement of teaching and its positive affect on high-impact student learning,
- · Values service to the University and to the local, regional, state and professional communities,
- · Seeks to demonstrate to students, and instill in them, high ethical standards of personal and professional conduct,
- · Strives to achieve continuous improvement through rigorous assessment processes,
- Endeavors to equip students with the interdisciplinary, technical, and critical-thinking skills necessary to develop workable solutions to complex problems.

The College is composed of four (4) academic departments: Biological Sciences, Engineering & Computing Science, Mathematics and Statistics, and Physical & Earth Sciences. These departments offer programs of study leading to associate and baccalaureate degrees. Some departments offer masters degrees.

# **BIOLOGICAL SCIENCES**

## DEPARTMENT OF BIOLOGICAL SCIENCES

The Department of Biological Sciences offers baccalaureate degrees in a wide variety of majors and options. We also offer one minor. These different aspects of biological science and associated faculty are organized in the following program areas:

Biology Programs:

Biology major Biomedical Option Biology major General Option Biology Minor

**Environmental Science** 

Medical Laboratory Science

Nuclear Medicine Technology

Fisheries and Wildlife Science Program: Fisheries and Wildlife Science

Each of the bachelor of science degree programs offered by the department requires a total of 120 hours for graduation. No more than 12 hours of "D's" may be applied toward the baccalaureate degrees listed above. Students in the Department of Biological Sciences except Medical Laboratory Science and Nuclear Medicine Technology majors are required to take a common core consisting of: an orientation course; BIOL 1114; BIOL 2124; BIOL 2134; an ecology course; and a seminar course. Students are required to take MATH 1113, plus two additional math oriented courses (Math, Statistics) above that level. Courses in computer science, chemistry, and physics are also required. The following descriptions of individual degree programs include specific descriptions and requirements.

Graduating seniors are required to take the Major Field Assessment Test (MFAT) in Biology as part of the assessment plan for the department. Students will take the test during the last few weeks of the semester of planned graduation.

#### **Contact Information**

Dr. John Jackson, Head

McEver Hall, Room 34-D (479) 964-3226 jjackson@atu.edu

Professors

Jacqueline Bowman, John Jackson, Cynthia Jacobs, Christopher Kellner, Eric Lovely, Thomas Nupp, Bruce Tedford, Tsunemi Yamashita

Associate Professors

Douglas Barron

**Assistant Professors** 

Surya Jyoti Banerjee, Cheryl Chaney, Suparna Chatterjee, Susan Colvin, Kyler Hecke, Suresh Chandra Subedi

Senior Instructors

Jamie Dalton

Instructors

Donna Curran, Darrellyn Williams

For more information, please visit www/atu.edu/biosciences

## BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

The Baccalaureate Degree in Environmental Science provides excellent preparation for careers in federal, state, and local government, public utilities, and nonprofit sectors and industries. Additionally, this program will prepare students for graduate study in a variety of related fields such as ecology, and environmental science. Students completing this degree will gain practical skills in animal and plant taxonomy and geographic information systems, as

well as, chemical and biological assessment of water resources. They will apply their skills in advanced courses in environmental assessment including studies of federal and state policies and regulations.

Students majoring in environmental science are required to complete sixty-one semester hours in core environmental science curriculum, two additional math courses (Group A: 6-7 semester hours), an additional physical science course with a lab (Group B: 4-5 semester hours), an additional physical science without a lab (Group C: 3 semester hours), two classes from GIS or research choices (Group D: 7-8 semester hours), two classes from life science choices (Group E: 7-8 semester hours), a capstone field biology course (Group F: 4 semester hours), and two courses in social or anthropogenic choices (Group G: 6 hours). Students have the option of tailoring the remaining semester hours to best meet their future education or career goals and meet the 120 total semester hour and 40 upper division institutional requirements.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113	3
BIOL 1004/ENVS 1004/PHSC 1004	4
BIOL 1011	1
GEOL 1014	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SOC 1003	3
USHG 1XXX <sup>1</sup>	3
BIOL 1114	4
STAT 2163 or SOC 2053/PSY 2053	3
Total Hours	16

Fall	Credits
FAH 1XXX <sup>1</sup>	3
ECON 2003	3
CHEM 2124 and CHEM 2120	4
BIOL 2124	4
Total Hours	14

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMM 2003	3
CHEM 2134 and CHEM 2130	4

Spring	Credits
BIOL 2134	4
Total Hours	14

# Junior

Fall	Credits
BIOL 3114/FW 3114	4
BIOL 3043/ENVS 3043	3
CHEM 3254	4
FW 3173 or MATH 2914	3-4
Total Hours	14-15

Spring	Credits
BIOL 3111/CHEM 3111/ENVS 3111/GEOL 3111	1
CHEM 3264	4
PHYS 2014 and PHYS 2000	4
Life Science <sup>2</sup>	4
Physical Science Elective without Lab <sup>3</sup> or GIS and Research <sup>4,8</sup>	3
Total Hours	16

# Senior

Fall	Credits
Life Science <sup>2</sup>	3-4
Human Dimensions 7,8	3
Physical Science Elective with Lab <sup>5,8</sup> or Field Biology <sup>6</sup>	4-5
Physical Science Elective without Lab <sup>3</sup> or GIS and Research <sup>4,8</sup>	3-4
Elective <sup>8</sup>	0-4
Total Hours	13-16

Spring	Credits
ENVS 4133 or FW 3053	3
Human Dimensions <sup>7,8</sup>	3
Field Biology <sup>6</sup> or Physical Science Elective with Lab <sup>5,8</sup>	4
GIS and Research <sup>4,8</sup>	4
Elective <sup>8</sup>	0-4

Spring	Credits
Total Hours	14-18

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## BACHELOR OF SCIENCE IN FISHERIES & WILDLIFE SCIENCES

The fisheries and wildlife science program is a professional program designed to prepare qualified field and research biologists, as well as to provide a sound foundation for those students who intend to pursue graduate studies in wildlife biology, fisheries biology or field ecology. Through selection of elective courses, graduates are required to meet certification requirements of The Wildlife Society or the American Fisheries Society.

Field biologists are employed by various state and federal agencies concerned with natural resources management including the Arkansas Game and Fish Commission, U.S. Fish and Wildlife Service, U.S. Forest Service, Arkansas Department of Environmental Quality, National Park Service, and the U.S. Army Corps of Engineers. Employment opportunities in the private sector are also available. Timber, mining, and utility companies hire field biologists for advice and management of industrial lands. Environmental consulting firms, commercial fish and game farms, and nature centers require qualified researchers, technicians, and educators.

Majors in fisheries and wildlife science must complete a minimum of 120 semester hours as specified in the following curriculum outline and no more than 12 hours of "D's" may be applied toward the degree. Note, this set of courses will also satisfy requirements for a minor in biology, but students should see their advisor to complete the associated degree audit form for the minor. Candidates for graduation are expected to complete a comprehensive series of practical and technical exams to assess mastery of program objectives.

#### Dr. Tom Nupp, Director

McEver Hall, Room 205 (479) 968-0313 tnupp@atu.edu

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 1113	3
BIOL 1114	4
FW 1001	1
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>Take two Life Science Elective courses from the following: BIOL 4043, BIOL 3004, BIOL 3034, BIOL 3054, BIOL 3064, BIOL 3084/FW 3084, BIOL 3104/AGPM 3104, BIOL 3134, BIOL 3144/FW 3144, BIOL 3174, BIOL 3224/FW 3224, BIOL 4043, BIOL 4064, BIOL 4163/FW 4163.

<sup>&</sup>lt;sup>3</sup>Take one Physical Science without Laboratory Elective course from the following: BIOL 3353/CHEM 3353, CHEM 3313, GEOL 3083, GEOL 3153, PHSC 3033.

<sup>&</sup>lt;sup>4</sup>Take two GIS and Research courses from the following: BIOL 3033, ENVS 4114, ENVS 4884, ENVS 4954, FW 2833/GEOG 2833, FW 3074, FW 4034.

<sup>&</sup>lt;sup>5</sup>Take one Physical SCIL 1XXX Elective course from the following: CHEM 3245, CHEM 4414, PHYS 2024.

<sup>&</sup>lt;sup>6</sup>Take one Field Biology course from the following: BIOL 4024/FW 4024, BIOL 4094, ENVS 4124, FW 4014, FW 4064.

<sup>&</sup>lt;sup>7</sup>Take two Human Dimension courses from the following: ANTH 2003, ANTH 2103, ANTH 2303, SOC 3033, SOC 3113, or FW 4103.

<sup>&</sup>lt;sup>8</sup>At least 40 upper level hours are required for the 120 hours degree.

Spring	Credits
SS 1XXX <sup>1</sup>	3
CHEM 1113 and CHEM 1111 or CHEM 2124 and CHEM 2120	4
BIOL 2124	4
Total Hours	14

# Sophomore

Fall	Credits
FW 2013	3
BIOL 2134	4
CHEM 2204	4
Statistics <sup>2</sup> , FW 3084 <sup>3F</sup> or FW 3154 <sup>3w</sup>	3-4
Total Hours	14-15

Spring	Credits
USHG 1XXX <sup>1</sup>	3
FW 2833/GEOG 2833	3
SP 1XXX <sup>1</sup>	3
FW 3114	4
Statistics <sup>2</sup> or FW 3144	3-4
Total Hours	16-17

# Junior

Fall	Credits
BIOL 4044 or electives <sup>4</sup>	4
Statistics <sup>2</sup> or Math <sup>5</sup>	3
FW 4014 <sup>w</sup> , FW 4064 <sup>3w</sup> or Electives <sup>4</sup>	4
Electives <sup>4</sup>	3
Total Hours	14

Spring	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 3004 <sup>3</sup> or Electives <sup>4</sup>	4
FW 3053	3
FW 4003	3

Spring	Credits
FW 4024 <sup>3F</sup> or Electives <sup>4</sup>	4
Total Hours	17

#### Senior

Fall	Credits
FW 4043 <sup>F</sup> or Electives <sup>W</sup>	3
FW 4103	3
Electives <sup>4</sup>	9
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
FW 4001	1
FW 4013 <sup>W</sup> or Electives <sup>F</sup>	3
FW 4083	3
Electives <sup>4</sup>	5
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". One of the social sciences must be ECON 2003.

## BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCE

Arkansas Tech University, in affiliation with approved schools of medical laboratory science, offers a four-year program leading to the bachelor of science degree and to certification as a medical laboratory scientist. The affiliated schools of medical laboratory science are accredited by the Council on Medical Education and Hospitals of the American Medical Association.

The first three years of the curriculum are taught on the Tech campus and the fourth (professional) year is taught at one of the affiliated schools of medical laboratory science. Admission to the professional year is on a competitive basis, and students must meet the admission standards of the medical laboratory science school.

## Personnel with Medical Technology Affiliated Institutions

Baptist Health College, Little Rock, Arkansas: Jennie Manees, M.P.H., MT (ASCP), Program Director, School of Medical Laboratory Science.

Mercy Hospital School of Medical Laboratory Science, Joplin, Missouri: Kimberly LaMarr, MS, MT (ASCP), Program Director, School of Medical Laboratory Science.

<sup>&</sup>lt;sup>2</sup>Statistics must be taken either fall or spring term.

<sup>&</sup>lt;sup>3</sup>F and W superscripts designate courses required for certification in fisheries and wildlife, respectively. Students seeking wildlife certification must choose one course from each of the following course sequences: (1) FW 3154 or FW 3144 (2) FW 4014 or FW 4064. Students seeking fisheries certification must choose FW 3084 and FW 4024 Meeting requirements for fisheries or wildlife certification is a requirement for graduation.

<sup>&</sup>lt;sup>4</sup>Must include at least two courses from the biology group (BIOL 3174, BIOL 3034, BIOL 4064, BIOL 3064, AGPM 3104, BIOL 3184, BIOL 3004, BIOL 3033, BIOL 4043, BIOL 4044, BIOL 4094) one course from the physical science group elective (any physics course, AGSS 2014, GEOL 1014), and three 3000-4000 level fisheries and wildlife elective courses. Sufficient additional electives to produce 120 total credit hours are required for graduation.

<sup>&</sup>lt;sup>5</sup>Must include one of the following courses: FW 3173, STAT 2304, STAT 3113, STAT 4153 or Calculus.

Southeast Health College of Nursing and Health Sciences, Cape Girardeau, Missouri: Sherry Schloss, MA, ALS (ASCP), CM Program Director, School of Medical Laboratory Science.

To qualify for the bachelor of science degree, the student must satisfactorily complete at least 82 credit-hours specified in the curriculum below and be accepted by one of our affiliated schools of medical laboratory science, listed above, for the senior year. During their senior (professional) year of residency (52 weeks of class) at one of the affiliated schools of medical laboratory science, successful candidates will concurrently complete 38 to 40 credit hours for a total of at least 120 credit hours. This experience is an all or nothing situation where the student must satisfactorily complete the entire program to bring any of the credit toward this degree.

Tuition and fees for courses taken the senior year at one of the affiliated medical laboratory science schools will be assessed at the current rate charged by the affiliated school and are payable to Arkansas Tech University. As students are concurrently registered at ATU, financial aid and scholarship arrangements are also made by Tech; however, students are also encouraged to contact the affiliated medical laboratory science schools for possible additional opportunities.

Upon successful completion of the final year at an affiliated medical laboratory science school, a student is eligible for a bachelor of science degree, as well as being eligible to write the National Board Examination for licensure. This examination is given at various times throughout the year by the Board of Registry of the American Society of Clinical Pathologists.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
BIOL 1011	3
BIOL 1114	4
MATH 1113	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
AHS 2013	3
CHEM 2124 and CHEM 2120	4
Total Hours	13

Fall	Credits
USHG 1XXX <sup>1</sup>	3
SP1XXX <sup>1</sup>	3
BIOL 3054	4
CHEM 2134 and CHEM 2130	4
Total Hours	14

Spring	Credits
STAT 2163 or PSY 2053	3
BIOL 2014	4
CHEM 3254	4
General Electives	2-3
Total Hours	13-14

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 3074	4
BIOL Elective	3-4
CHEM Elective	4-5
Total Hours	14-16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
BIOL Elective	3-4
CHEM Elective	4-5
General Elective	2-3
Total Hours	12-15

# Senior

Fall	Credits
Condensed course category - final year completed off-campus at one of our affiliated schools of medical laboratory science. Students are concurrently registered at ATU.	
MLS 4001-9	38
Professional coursework meeting all requirements of the affiliated medical laboratory science school	
Total Hours	38

Spring	Credits

Spring	Credits
Total Hours	

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## BACHELOR OF SCIENCE IN NUCLEAR MEDICINE TECHNOLOGY SCIENCE

Arkansas Tech University, in affiliation with approved schools of nuclear medicine technology, offers a four-year program leading to the bachelor of science degree and to certification as a nuclear medicine technologist. The affiliated schools of nuclear medicine technology are accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT).

The first three years of the curriculum are taught on the Tech campus and

the fourth (professional) year is taught at one of the affiliated schools of nuclear medicine technology. Admission to the professional year is on a competitive basis, and students must meet the admission standards of the nuclear medicine technology school.

Personnel with Medical Technology Affiliated Institutions Baptist Health College, Little Rock, Arkansas: Daniel Guffy, MBA CNMT NMTCB(CT) RT(N)(CT), Program Director, School of Nuclear Medicine Technology.

To qualify for the bachelor of science degree, the student must satisfactorily complete at least 82 credit-hours specified in the curriculum below and be accepted by one of our affiliated schools of nuclear medicine technology, listed above, for the senior year. During their senior (professional) year of residency (52 weeks of class) at one of the affiliated schools of nuclear medicine technology, successful candidates will concurrently complete 38 to 40 credit hours for a total of at least 120 credit hours. This experience is an all or nothing situation where the student must satisfactorily complete the entire program to bring any of the credit toward this degree.

Tuition and fees for courses taken the senior year at one of the affiliated nuclear medicine technology schools will be assessed at the current rate charged by the affiliated school and are payable to Arkansas Tech University. As students are concurrently registered at ATU, financial aid and scholarship arrangements are also made by Tech; however, students are also encouraged to contact the affiliated nuclear medicine technology schools for possible additional opportunities.

Upon successful completion of the final year at an affiliated nuclear medicine technology school, a student is eligible for a bachelor of science degree, as well as being eligible to complete the National Certification Examination for licensure. This examination is given at various times throughout the year by the Nuclear Medicine Technologist Certification Board or the American Registry of Radiologic Technologists.

#### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
BIOL 1011	1
BIOL 1114	4
MATH 1113	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3

Spring	Credits
SS 1XXX <sup>1</sup>	3
AHS 2013	3
CHEM 2124 and CHEM 2120	4
General Elective	3
Total Hours	16

# Sophomore

Fall	Credits
USHG 1XXX <sup>1</sup>	3
SP 1XXX <sup>1</sup>	3
CHEM 2134 and CHEM 2130	4
STAT 2163 or PSY 2053	3
Total Hours	13

Spring	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 2014	4
General Electives	3
BIOL Electives	3-4
Total Hours	13-14

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 3074	4
PHYS 2014 and CHEM 2000	4
BIOL Elective	3-4
Total Hours	14-15

Spring	Credits
PHYS 2024 and PHYS 2010	4
BIOL Elective	4

Spring	Credits
General Elective	4
Total Hours	12

#### **Senior**

Fall	Credits
NUMT 4001-9	38
Concurrent enrollment at ATU and Affiliated Institution.	
Total Hours	38

Spring	Credits
Total Hours	

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# **BIOLOGY PROGRAM**

The baccalaureate degree program in biology is designed to prepare students for a wide range of career opportunities. It also provides a solid foundation for those wanting to pursue specialization at the graduate level.

Arkansas Tech University is affiliated with the Gulf Coast Research Laboratory (GCRL) at Ocean Springs, Mississippi. With prior departmental approval, Arkansas Tech University students may enroll in marine biology courses at GCRL, with the credits applied toward the biology degree at Arkansas Tech. This affiliation makes possible a concentration in marine biology.

## **Bachelor of Science**

Biology with options in: Biomedical General

Minor

Dr. Eric Lovely, Director

McEver Hall, Room 117 (479) 498-6077

elovely@atu.edu

# **BIOLOGY PROGRAM - BIOMEDICAL OPTION**

The Biomedical Option is designed for students wishing to study medicine, dentistry, physical therapy, and related fields of specialization. Thus, graduates typically apply to a medical school of some type or a graduate program such as physical therapy.

However, while the specified curriculum is well-suited to these studies, professional schools do not specify that entering students have particular majors or options. Graduates who complete the degree option yet do not enter a medical or graduate school program should be prepared for a variety of employment opportunities especially in biomedical or biotechnology-related laboratories.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 or MATH 1914	3-4
CHEM 2124 and CHEM 2120	4
BIOL 1011	1
BIOL 1114	4
Total Hours	15-16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CHEM 2134	4
BIOL 2124 and CHEM 2130	4
MATH 2914 or MATH higher than MATH1113	3-4
Total Hours	14-15

Fall	Credits
SOC 1003 or PSY 2003	3
CHEM 3254	4
BIOL 2134	4
BIOL 3033 or COMS 2003	3
Major Support Course Elective	3
Total Hours	17

Spring	Credits
COMM 2003 or COMM 2173	3

Spring	Credits
SS 1XXX <sup>1</sup>	3
CHEM 3264	4
BIOL 2014	4
Statistics	3
Total Hours	17

## Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
PHYS 2014 and PHYS 2000	4
BIOL 3074	4
BIOL 3054	4
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
PHYS 2024 and PHYS 2010	4
BIOL 3034	4
BioMed Elective	3-4
Total Hours	17-18

# Senior

Fall	Credits
BIOL 3114 or BIOL 4094	4
BioMed Elective	6-8
Electives (as needed to reach a total of 120 hours for graduation)	3
Total Hours	13-15

Spring	Credits
BIOL 4891	1
BioMed Elective	3-4
Electives (as needed to reach a total of 120 hours for graduation)	8

Spring	Credits
Total Hours	12-15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# **BIOLOGY PROGRAM - GENERAL OPTION**

The biology general option is designed for students who wish to pursue a broadly defined degree program that emphasizes the major areas of biology and provides a solid foundation for further study in any graduate or professional program associated with the life sciences.

With guidance from their academic advisor, the general biology student can create a personalized biology degree tailored for their career goals and interests. The biology general option also encourages undergraduate research and internship opportunities to foster skills needed in a biology-oriented career. Graduates of this option have entered professional programs such as medical and pharmacy school as well as diverse graduate programs.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 1113	3
BIOL 1011	1
BIOL 1114	4
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
Physical Activity	2
BIOL 2124 or BIOL 2134	4
Math Elective <sup>2</sup>	3
Total Hours	15

<sup>&</sup>lt;sup>2</sup>Major.Support Course Elective courses include: AHS 2013, BIOL 4064, CHEM 3344, CHEM 3363, PE 2513, PHIL 3103, PSY 2033, PSY 3003, PSY 3013/SOC 3013, PSY 3053, PSY 3063, PSY 3163, PSY 3813, PSY 4133, SOC 4013, SOC 4053, or SOC 4183.

<sup>&</sup>lt;sup>3</sup>See advisor for alternatives.

<sup>&</sup>lt;sup>4</sup>See catalog to assure pre-requisites are met. See advisor to select twelve - sixteen hours (four courses) from: BIOL 3064, BIOL 3803, BIOL 4023, BIOL 4033, BIOL 4054, BIOL 4074, BIOL 4083, BIOL 4951-4 (limited to 4 total hours).

<sup>&</sup>lt;sup>5</sup> At least 40 of the total hours required for graduation must be 3000-4000 level courses.

Fall	Credits
USHG 1XXX <sup>1</sup>	3
CHEM 2124 and CHEM 2120	4
BIOL 2124 or BIOL 2134	4
BIOL 3033 or any COMS	3
Elective <sup>5</sup>	3
Total Hours	17

Spring	Credits
COMM 2003	3
CHEM 2134 and CHEM 2130	4
BIOL 3034	4
Biology Elective	4
Total Hours	15

# Junior

Fall	Credits
CHEM 3254	4
PHYS 2014 and PHYS 2000	4
BIOL 3114 <sup>3</sup>	4
Math Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
CHEM 3264	4
PHYS 2024 and PHYS 2010	4
Biology Elective (3000-4000 level)	4
Elective <sup>5</sup>	4
Total Hours	16

# Senior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
Physiology or Cellular Elective <sup>4</sup>	3-4
Biology Elective <sup>4</sup>	3-4

Fall	Credits
Elective <sup>5</sup>	5
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
Physiology or Cellular Elective <sup>4</sup>	3-4
BIOL 4891	1
Biology Elective <sup>4</sup>	3-4
Elective <sup>5</sup>	2
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

## MINOR IN BIOLOGY - BIOLOGICAL SCIENCES

The minor in biology is available to students who wish to add to their knowledge of this increasingly important field for personal edification or for professional purposes, but choose not to complete a major in biology.

#### The minor in biology requires 20 hours of courses:

- BIOL 1014 or BIOL 1114
- BIOL 2124
- BIOL 2134
- BIOL Electives (8 hours of 3000 or 4000 level)

<sup>&</sup>lt;sup>2</sup>Six hours of mathematics above MATH 1113. Courses in the areas of statistics, biostatistics, and/or calculus are recommended (e.g. STAT 2163, PSY 2053/SOC 2053, FW 3173, MATH 2243 and/or MATH 2914).

<sup>&</sup>lt;sup>3</sup>BIOL 4094 which is offered during the May mini-term can serve as an alternative to BIOL 3114 in the Biology major.

<sup>&</sup>lt;sup>4</sup>The physiology choices include: BIOL 3074, BIOL 3174; whereas, choices in the area of cell or molecular biology include: BIOL 4033, BIOL 4074, BIOL 3054, BIOL 4023. One in each area is required. Other alternatives must be approved by your advisor and Department Head. Each 3-hour selection in one of these areas must be balanced by 4-hours (rather than 3-hours) of biology electives.

<sup>&</sup>lt;sup>5</sup>Sufficient courses at 3000-4000 level to constitute a total of 40 hours. At least 2 credit-hours of biology research or internship is recommended (BIOL 4112-4 or BIOL 4951-4).

<sup>\*</sup>No more than one credit hour can be a seminar course

# DEPARTMENT OF ENGINEERING & COMPUTING SCIENCE

## DEPARTMENT OF ENGINEERING AND COMPUTING SCIENCES

The Department of Engineering and Computing Sciences offers programs in Computer Science, Computer Science Education, Cybersecurity, Information Technology, Computer Engineering, Electrical Engineering, and Mechanical Engineering.

The Department's programs contain a total of eight four-year undergraduate degree programs, four two-year degree programs, and two certificate programs. In addition, the department offers three graduate programs at the Masters level. The program in Computer Science is accredited by the Computing Accreditation Commission of ABET and the programs leading to the BS Computer Engineering, BS Electrical Engineering, and BS Mechanical Engineering degrees are accredited by the Engineering Accreditation Commission of ABET (http://www.abet.org).

The Department is housed in Corley Hall which contains faculty offices, classrooms and labs used by the programs within the department. The departmental office is located in room 111.

# DEPARTMENT OF COMPUTER & INFORMATION SCIENCE

## COMPUTING SCIENCES

ATU offers computing degrees in Computer Science, Computer Science Education, Cybersecurity, and Information Technology. All of the bachelor's degrees have an associate's degree built in to provide the students with two degrees. The program leading to the Bachelor of Science in Computer Science is accredited by the Computing Accreditation Commission (CAC) of ABET, Inc., the national accrediting board for engineering and technology (www.abet.org)

The programs are designed to provide students with the fundamental knowledge and skills required to initiate and maintain a successful career in the computer and information science fields. All students are exposed to a variety of hardware platforms and programming languages. Hands-on experience in the design and implementation of a complete technology project is attained in the student's senior year.

#### **Our Programs**

- BS in Computer Science
- BS in Computer Science for Teacher Licensure
- BS in Cybersecurity
- BS in Information Technology
- · AAS in Cybersecurity
- AAS in Information Technology
- CP in Computer Programming
- · CP in Computer Networking

In order to ensure continued program quality, the department strives to achieve the following objectives for its graduates and alumni:

- · Communicate effectively using terminology and processes that are appropriate for the field
- · Work efficiently and effectively in a team environment to develop support tools and systems to satisfy stated requirements
- Solve complex computational problems using appropriate models, techniques, and abstractions
- Conduct themselves in a professional and ethically responsible manner
- · Learn new trends and technology and willingly adapt to new systems and software environments

#### **Contact Information**

Dr. John Krohn, Department Head

Corley Hall, Room 111-D (479)964-0833 coms@atu.edu

**Associate Professors** 

Jerry Wood

Assistant Professors

Weiru Chen, Becky Cunningham, Indira Dutta, Tolga Ensari, Bhaskar Ghosh, Robin Ghosh, Md Abdus Salam Siddique

Instructors

Susie Capehart, Lucas Moody

For more information, please visit www.atu.edu/cis/

## ASSOCIATE OF APPLIED SCIENCE IN CYBERSECURITY

An Associates of Applied Science (AAS) in Cybersecurity graduate will understand the techniques used to compromise and infiltrate systems as well as the proven methods to protect data. The AAS in Cybersecurity degree includes courses in programming, wireless technologies, mathematics, and networking with focused concentrations in both theory and hands-on experience.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 2243 <sup>3</sup>	3
TECH 1001 <sup>2</sup>	1
CSEC 1003	3
CSEC 1113	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
COMS 1011 and COMS 1013	4
CSEC 1213	3
Total Hours	14

Fall	Credits
CSEC 2223	3
COMS 2203	3
MATH 2703	3
CSEC 2213	3
SS 1XXX <sup>1</sup>	3
Total Hours	15

Spring	Credits
COMM 2173 <sup>4</sup>	3
COMS 2323	3
COMS 2213	3
Elective	6
Total Hours	15

 $<sup>^1\</sup>mathrm{See}$  appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>TECH 1013 is a substitution for TECH 1001; Electives would reduce from 6 hours to 4 hours.

<sup>&</sup>lt;sup>3</sup>MATH 2914 is a substitution for MATH 2243.

<sup>&</sup>lt;sup>4</sup>COMM 2003 is a substitution for COMM 2173.

# ASSOCIATE OF APPLIED SCIENCE IN INFORMATION TECHNOLOGY

The Associate of Applied Science in Information Technology program enables students to develop skills in the areas of web processing, databases, networking, programming, and various operating systems. These skills enable students to seek positions within the information technology industry.

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
CSEC 1003	3
MATH 1113 or higher-level Mathematics	3
TECH 1001 <sup>2</sup>	1
COMS 1333	3
CSEC 1113	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
COMS 1011 and COMS 1013	4
COMS 2703	3
SS 1XXX <sup>1</sup>	3
Elective	3
Total Hours	16

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
COMS 2203	3
COMS 2713	3
Elective <sup>5</sup>	6
Total Hours	16

Spring	Credits
COMM 2173 <sup>4</sup>	3
ENGL 2053	3
Electives <sup>5</sup>	6

Spring	Credits
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN COMPUTER SCIENCE

The program in computer science prepares students for careers as systems programmers in a scientific and/or engineering environment and for graduate work in computer science. Mathematics and engineering courses supplement a strong core of computer science courses, enabling students to design and implement software that requires complicated computations, data structures and interfaces.

## Curriculum

The matrix below is a sample plan for all coursework required for this program.

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
CSEC 1003	3
COMS 1333	3
TECH 1001 <sup>2</sup>	1
MATH 2914	4
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CSEC 1113	3
COMS 1011 and COMS 1013	4
MATH 2924	4
Total Hours	14

Fall	Credits
COMM 2173	3
COMS 2203	3
COMS 2703	3
MATH 2703	3
SS 1XXX <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>TECH 1013 is a substitution for TECH 1001. Electives would reduce from 15 hours to 13 hours.

<sup>&</sup>lt;sup>3</sup>COMS 3703 is a substitution for COMS 2713.

<sup>&</sup>lt;sup>4</sup>COMM 2003 is a substitution for COMM 2173.

<sup>&</sup>lt;sup>5</sup>Students seeking a Bachelor's degree in computing should take courses that count towards that degree rather than just general electives.

Fall	Credits
Total Hours	15

Spring	Credits
ENGL 2053	3
SCIL 1XXX <sup>1</sup>	4
COMS 2213	3
COMS 2223	3
COMS 2163	3
Total Hours	16

# Junior

Fall	Credits
COMS 3703	3
FAH 1XXX <sup>1</sup>	3
COMS 3213	3
COMS 2323	3
Approved 3000-4000 level Elective	3
Total Hours	15

Spring	Credits
COMS 3053	3
SCIL 1XXX <sup>1</sup>	4
COMS 3233	3
COMS 3313	3
Approved 3000-4000 level Elective	3
Total Hours	16

## Senior

Fall	Credits
USHG 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
STAT 3153	3
COMS 4913	3
COMS 4103	3
Total Hours	15

Spring	Credits
SS 1XXX <sup>1</sup>	3
COMS 4413	3
MATH 4003	3
COMS 4923	3
Approved 3000-4000 level Elective	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# **BACHELOR OF SCIENCE IN CYBERSECURITY**

The rise in cyber threats has created an unprecedented demand for cybersecurity specialists. Data breaches, malware infections, and software vulnerabilities are common in today's technology and it is critical to fully understand how these attacks occur, how to prevent them, and how to recover. A cybersecurity major will understand techniques used as well as the best methods to protect data. The cybersecurity degree includes courses in programming, wireless technologies, mathematics, and networking concentrating on theory and hands-on experience.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 2243 <sup>3</sup>	3
TECH 1001 <sup>2</sup>	1
CSEC 1003	3
CSEC 1113	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
COMS 1011 and COMS 1013	4
CSEC 1213	3
Total Hours	14

<sup>&</sup>lt;sup>2</sup>TECH 1013 is a substitution for TECH 1001.

<sup>&</sup>lt;sup>3</sup>COMM 2003 is a substitution for COMM 2173.

Fall	Credits
COMS 2223	3
COMS 2203	3
MATH 2703	3
CSEC 2213	3
SS 1XXX <sup>1</sup>	3
Total Hours	15

Spring	Credits
COMS 2323	3
COMM 2173 <sup>4</sup>	3
COMS 2213	3
CSEC 2223	3
Elective	3
Total Hours	15

## Junior

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
CSEC 3243	3
STAT 2163	3
CSEC 4133	3
CSEC 3123	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMS 3233	3
CSEC 3223	3
CSEC 3233	3
COMS 3703	3
Total Hours	15

# Senior

Fall	Credits
SS 1XXX <sup>1</sup>	3
CSEC 4123	3

Fall	Credits
CSEC 4143	3
CSEC 4153	3
CSEC 4233	3
Total Hours	15

Spring	Credits
CSEC 4213	3
CSEC 4243	3
CSEC 4293	3
USHG 1XXX <sup>1</sup>	3
Elective	2
Total Hours	14

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**

The program in information technology prepares students for careers in administering and supporting the computing infrastructures of an organization. The curriculum consists of an integrated set of courses in networking, web development and administration, database development and administration, systems administration, and computer forensics.

## **Curriculum Track 1:**

### Programming, Database, and Web

Both matrices below are sample plans for all coursework required for Track 1 and Track 2.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 <sup>2</sup>	3
CSEC 1003	3
TECH 1001 <sup>3</sup>	1
CSEC 1113	3
COMS 1333	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH 2243 <sup>4</sup>	3

<sup>&</sup>lt;sup>2</sup>TECH 1013 is a substitution for TECH 1001; Electives would reduce from 3 hours to 1 hour.

<sup>&</sup>lt;sup>3</sup>MATH 2914 is a substitution for MATH 2243.

<sup>&</sup>lt;sup>4</sup> COMM 2003 is a substitution for COMM 2173.

Spring	Credits
COMS 1011 and COMS 1013	4
SS 1XXX <sup>1</sup>	3
COMS 2703	3
Total Hours	16

# Sophomore

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
COMS 2203	3
ENGL 2053	3
MATH 2703	3
COMS 2163	3
Total Hours	16

Spring	Credits
COMM 2173 <sup>6</sup>	3
COMS 2213	3
STAT 2163	3
COMS 2323	3
COMS 2713 <sup>5</sup>	3
Total Hours	15

## Junior

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
COMS 3233	3
COMS 3413	3
COMS 3523	3
Approved 3000-4000 level Elective	2
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMS 3053	3
COMS 3163	3
COMS 3243	3

Spring	Credits
Approved 3000-4000 level Elective	3
Total Hours	15

# Senior

Fall	Credits
SS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
COMS 4033	3
COMS 4913	3
Approved 3000-4000 level Elective	3
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMS 4213	3
COMS 4923	3
Approved 3000-4000 level Elective	3
Total Hours	12

# **Curriculum Track 2:**

# **Network and Security**

## Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113 <sup>2</sup>	3
CSEC 1003	3
TECH 1001 <sup>3</sup>	1
CSEC 1113	3
COMS 1333	3
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH 2243 <sup>4</sup>	3

Spring	Credits
COMS 1011 and COMS 1013	4
COMS 2703	3
SS 1XXX <sup>1</sup>	3
Total Hours	16

# Sophomore

Fall	Credits
SCIL 1XXX <sup>1</sup>	4
COMS 2203	3
CSEC 2223	3
MATH 2703	3
CSEC 2213	3
Total Hours	16

Spring	Credits
ENGL 2053	3
COMS 2163 <i>OR</i> COMS 2323	3
COMS 2213	3
COMS 2713 <sup>5</sup>	3
COMM 2173 <sup>6</sup>	3
Total Hours	15

## Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
COMS 3233	3
COMS 3363	3
CSEC 3123	3
Approved 3000-4000 level Elective	3
Total Hours	15

Spring	Credits
SCIL 1XXX <sup>1</sup>	4
COMS 3053	3
COMS 3373	3
CSEC 3233	3

Spring	Credits
Approved 3000-4000 level Elective	2
Total Hours	15

### Senior

Fall	Credits
USHG 1XXX <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
COMS 3523	3
COMS 4913	3
Approved 3000-4000 level Elective	3
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
COMS 4713	3
COMS 4923	3
Approved 3000-4000 level Elective	3
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# CERTIFICATE OF PROFICIENCY IN COMPUTER NETWORKING

This program will provide students with foundational skills of computer networking and computer hardware concepts, which could lead to an industry certification in computer networking (Network+) and/or in PC Repair/Maintenance (A+).

The certificate of proficiency in Computer Networking requires the following 12 semester credit hours:

- CSEC 1113
- CSEC 1213 OR COMS 2703
- CSEC 2213
- CSEC 2223

## CERTIFICATE OF PROFICIENCY IN COMPUTER PROGRAMMING

This program will provide students with the fundamentals of programming concepts, which could lead to an industry certification in the C++ programming language.

The certificate of proficiency in Computer Programming requires the following 13 semester credit hours:

- · COMS 1013 and COMS 1011
- COMS 2203

<sup>&</sup>lt;sup>2</sup>Student may waive this course by taking MATH 2243 or MATH 2914 instead and take an elective in its place.

<sup>&</sup>lt;sup>3</sup>TECH 1013 is a substitution for TECH 1001.

<sup>&</sup>lt;sup>4</sup>MATH 2914 is a substitution for MATH 2243.

<sup>&</sup>lt;sup>5</sup>COMS 3703 is a substitution for COMS 2713.

<sup>&</sup>lt;sup>6</sup>COMM 2003 is a substitution for COMM 2173.

- COMS 2213
- MATH 2703

### Curriculum

The curriculum below is a sample plan for all coursework required for this program.

First Year

#### Fall

• COMS 1013 and COMS 1011

### **Spring**

- COMS 2203
- MATH 2703

Second Year

## Summer

**COMS 2213** 

# DEPARTMENT OF ELECTRICAL ENGINEERING

# **ELECTRICAL ENGINEERING PROGRAMS**

The Electrical Engineering program offers three four-year degrees in Electrical and Computer Engineering. The programs leading to the BS Computer Engineering, BS Electrical Engineering, and BS Electrical Engineering with Biomedical Option are accredited by the Engineering Accreditation Commission of ABET (http://www.abet.org). The accredited computer engineering program is one of only three such programs in the state of Arkansas.

#### Mission

The mission of Electrical Engineering at Arkansas Tech University is to develop and educate students to become electrical or computer engineers exhibiting professional competency and ethics, with a desire for life-long learning.

In order to fulfill its mission, the program has established the following educational objectives.

Graduates of the Arkansas Tech University Computer and Electrical Engineering degree programs, within a few years of graduating, will have

- · Obtained employment in an engineering or closely-related field, or entered a graduate program in engineering or a related field or gained admission to a professional program such as medicine, law or business.
- Solved problems aided by the engineering proficiencies they learned in their undergraduate program.
- · Recognized a pathway to make positive contributions to society using their engineering talents and skills by practicing their profession in an ethical and responsible manner.
- Engaged in continuing education and pursuit of membership in professional societies as well as FE/PE certification, or other certifications relevant to their chosen occupational field.
- Demonstrated accountability and worked effectively in a team environment with strong emphasis on multidisciplinary membership, inclusion, and communication.

#### Vision

The vision of Electrical Engineering is to be one of the regions exceptional accredited programs of electrical engineering producing professionals for the state, nation and world.

It is highly recommended that all freshmen engineering students purchase laptop computers. Laptop computer specifications are at: https://www.atu.edu/ engineering/specifications.php

#### Transfer Policy for Electrical and Mechanical Engineering Programs

- 1. Upper level engineering courses (3000 and 4000 level) are transferable from ABET accredited institutions accredited by the Engineering Accreditation Commission (EAC).
- 2 .Engineering senior design course credits are not transferable.
- 3 .No more than 12 credit hours of the required 3000 4000 level engineering, engineering elective or technical elective course credits may be transferred.
- 1 .All transfer courses from U.S. universities must be from institutions of higher education which have been accredited by a regional accrediting agency.
- 1 .Courses presented for transfer credit from non-U.S. institutions which are not ABET accredited must be accompanied by supporting materials such as course outlines, catalog descriptions, and, possibly, examples of student work, tests, etc. All such supporting material must be presented in English and must also meet any additional requirements imposed by the Office of Admissions and the Registrar. Arkansas Tech University requires the applicant to submit his/her academic credentials to a credential evaluation service. Preapproved courses from institutions in the ATU Study Abroad Program are exempt from these requirements.

#### **Student Outcomes**

Students in Computer Engineering, Electrical Engineering, and Electrical Engineering with a Biomedical option will be expected to meet the outcomes from ABET Engineering Accreditation Commission Criterion 3:

- 1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- 2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
- 3 .An ability to communicate effectively with a range of audiences.
- 4 .An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
- 5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
- 6 .An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
- 7 .An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

#### Contact Information

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Carl Greco

**Assistant Professor** 

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Instructor

Jacob Weidenfeller

For more information, please visit www.atu.edu/electrical

## BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

The computer engineering degree provides the educational background for engineers to pursue a career in the integrated hardware and software design development cycle for a variety of industries. Computer engineering is an academic discipline that blends electrical and electronic engineering with computer science.

Computer engineers build systems with embedded programmable devices such as microprocessor as well as general purpose programmable logic components (such as FPGA – field programmable gate arrays). Systems requiring computer control include a wide variety from medical (for example CAT – Computer Aided Tomography systems) to automotive (adaptive cruise control as well as completely autonomous vehicles). Computer engineers require competency in both hardware as well as software to facilitate designing, programming, and construction of these computer-based systems. The computer engineering curriculum at Arkansas Tech provides a solid background in a full spectrum of the knowledge and skills required to become a highly successful computer engineer. The Bachelor of Science in Computer Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. Graduates are eligible to practice and become licensed professional engineers.

It is highly recommended that all freshmen engineering students starting fall 2017 purchase laptop computers. Laptop computer specifications are at: https://www.atu.edu/engineering/specifications.php.

For a detailed policy regarding transfer credit for the Electrical Engineering programs, please see the Electrical Engineering Programs page.

The following curriculum represents the program of study and a suggested sequence for the Bachelor of Science in Computer Engineering degree. The student should be aware that not all courses are offered each semester and the ordering of courses is subject to change. In order to minimize scheduling difficulties, each student should schedule a special session with their advisor at the beginning of their junior year to plan the remaining coursework.

### Curriculum

Program: Bachelor of Science Computer Engineering

Major: Computer Engineering

The matrix below is a sample plan for all coursework required for this major.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 2914	4
CHEM 2124 and CHEM 2120	4
ELEG 1011	1
TECH 1001	1

Fall	Credits
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
COMS 1011 and COMS 1013	4
MATH 2924	4
ELEG 2130 and ELEG 2134	4
Total Hours	15

# Sophomore

Fall	Credits
PHYS 2114 and PHYS 2000	4
COMS 2203	3
MATH 3243	3
ELEG 2103	3
ELEG 3133	3
Total Hours	16

Spring	Credits
PHYS 2124 and PHYS 2010	4
MATH 2934	4
STAT 3153	3
ELEG 2111	1
ELEG 2113	3
Total Hours	15

## Junior

Fall	Credits
SS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 2703	3
ELEG 3003 / MCEG 3003	3
ELEG 3103	3
Total Hours	15

Spring	Credits
COMS 2213	3
COMS 2223	3
ELEG 3123	3
ELEG 3143	3
ELEG 4103	3
ELEG 4202 / MCEG 4202	2
Total Hours	17

#### **Senior**

Fall	Credits
ELEG 4113 <sup>3</sup>	3
ELEG 4133 <sup>3</sup>	3
ELEG 4143	3
ELEG 4191	1
ELEG 4303	3
Total Hours	13

Spring	Credits
USHG 1XXX <sup>1</sup>	3
COMS 3703	3
ELEG 4122	2
ELEG 4192	2
Electrical Engineering Elective <sup>2, 3</sup>	3
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

- ELEG 5313 can replace ELEG 4313
- ELEG 5113 can replace ELEG 4113
- ELEG 5153 can replace ELEG 4153
- ELEG 5133 can replace ELEG 4133
- ELEG 5993 can replace ELEG 4993

# BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

The electrical engineering degree will prepare you for an exciting and rewarding career in a wide range of areas within the umbrella of the electrical engineering profession. Electrical engineers design and construct systems for aerospace, multimedia, telecommunications, electric power, robotics, signal processing and controls. In the aerospace arena electrical engineers develop new sensors, control and power systems. In communications, new networks are under development that will enhance both data and voice communications. Intelligent robotic systems are being developed to locate

<sup>&</sup>lt;sup>2</sup>Engineering Elective must be a 3000 or 4000 level Electrical Engineering course.

<sup>&</sup>lt;sup>3</sup>This program partners the BSCMPE undergraduate degree with the MSEE degree. A maximum of 12 graduate level credit hours can be counted towards both the BSCMPE degree in Computer Engineering and the MSEE degree. Four graduate level courses can be used to replace four upperdivision undergraduate courses as follows:

survivors in the debris from catastrophic events such as earthquakes. Electrical power systems engineering strive to develop safe, effective and efficient integration of traditional with renewable energy sources to increase capacity in the electrical power grid.

The first two years of curriculum contain the required science, mathematics, engineering, and computer science basics to prepare the student for the upper level courses. The junior and senior years of the traditional electrical engineering curriculum include 6 hours of technical electives, 3 hours of mathematics elective and 6 hours of electrical engineering electives which allow students to concentrate their studies in an area of specialization: electric power, controls and robotics, or communications. The Bachelor of Science in Electrical Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. Graduates are eligible to practice and become licensed professional engineers.

It is highly recommended that all freshmen engineering students purchase a laptop computer. The recommended laptop computer specifications are at: https://www.atu.edu/engineering/specifications.php.

For a detailed policy regarding transfer credit for the Electrical Engineering programs, please see the Electrical Engineering Program page.

The following curriculum represents the program of study and a suggested sequence for the Bachelor of Science in Electrical Engineering degree. The student should be aware that not all courses are offered each semester and the ordering of courses is subject to change. In order to minimize scheduling difficulties, each student should schedule a special session with their advisor at the beginning of their junior year to plan the remaining coursework.

#### Curriculum

Program: Bachelor of Science Electrical Engineering

Major: Electrical Engineering

The matrix below is a sample plan for all coursework required for this major.

#### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
CHEM 2124 and CHEM 2120	4
MATH 2914	4
ELEG 1011	1
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
COMS 1011 and COMS 1013	3
MATH 2924	4
ELEG 2130 and ELEG 2134	4
Total Hours	15

Fall	Credits
COMS 2203	3
PHYS 2114 and PHYS 2000	4
MATH 3243	3

# Department of Electrical Engineering

Fall	Credits
ELEG 2103	3
ELEG 3133	3
Total Hours	16

Spring	Credits
PHYS 2124 and PHYS 2010	4
MATH 2934	4
ELEG 2111	1
ELEG 2113	3
STAT 3153	3
Total Hours	15

# Junior

Fall	Credits
ELEG 3003 / MCEG 3003	3
ELEG 3103	3
ELEG 3153	3
Technical Elective <sup>3</sup>	3
Electrical Engineering Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
ELEG 3123	3
ELEG 3143	3
ELEG 4103	3
ELEG 4202 / MCEG 4202	2
MATH 2703	3
Total Hours	14

## Senior

Fall	Credits
SS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
ELEG 4113 <sup>4</sup>	3
ELEG 4143	3
ELEG 4191	1

Fall	Credits
ELEG 4303	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
ELEG 4122	2
ELEG 4192	2
Technical Elective <sup>3</sup>	3
Electrical Engineering Elective <sup>2, 4</sup>	3
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>4</sup>This program partners the BSEE undergraduate degree with the MSEE degree. A maximum of 12 graduate level credit hours can be counted towards both the BSEE degree in Electrical Engineering and the MSEE degree. Four graduate level courses can be used to replace four upper-division undergraduate courses as follows:

- ELEG 5313 can replace ELEG 4313
- ELEG 5113 can replace ELEG 4113
- ELEG 5153 can replace ELEG 4153
- ELEG 5133 can replace ELEG 4133
- ELEG 5993 can replace ELEG 4993

### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING - BIOMEDICAL

The biomedical option within the electrical engineering degree program allows graduates to pursue a career in the biomedical engineering discipline or to pursue a graduate degree in biomedical engineering. An additional 15 course credit hours beyond the 122 required for the degree will qualify graduates to apply for a post graduate medical degree program. The Bachelor of Science in Electrical Engineering program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. Graduates are eligible to practice and become licensed professional engineers.

It is highly recommended that all freshmen engineering students purchase a laptop computer. The recommended laptop computer specifications are at: https://www.atu.edu/engineering/specifications.php.

For a detailed policy regarding transfer credit for the Electrical Engineering programs, please see the Electrical Engineering Programs page.

The following curriculum represents the program of study and a suggested sequence for the Bachelor of Science in Electrical Engineering degree with the biomedical engineering option. The student should be aware that not all courses are offered each semester and the ordering of courses is subject to change. In order to minimize scheduling difficulties, each student should schedule a special session with their advisor at the beginning of their junior year to plan the remaining coursework.

### Curriculum

Program: Bachelor of Science Electrical Engineering Major: Electrical Engineering with Biomedical Option

The matrix below is a sample plan for all coursework required for this major.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3

<sup>&</sup>lt;sup>2</sup>Engineering Elective must be a 3000 or 4000 level Electrical Engineering course.

<sup>&</sup>lt;sup>3</sup>Technical Elective must be a course from Engineering, MGMT 4203, or the Sciences (excluding courses intended for Education Majors). All electives must have approval of the Department.

Fall	Credits
BIOL 1114	4
MATH 2914	4
CHEM 2124 and CHEM 2120	4
ELEG 1011	1
TECH 1001	1
Total Hours	17

Spring	Credits
ENGL 1023 <sup>1</sup>	3
BIOL 2014	4
MATH 2924	4
CHEM 2134 and CHEM 2130	4
Total Hours	15

# Sophomore

Fall	Credits
CHEM 3254	4
MATH 3243	3
PHYS 2114 and PHYS 2000	4
ELEG 2103	3
Total Hours	14

Spring	Credits
USHG 1XXX <sup>1</sup>	3
SOC 1003	3
COMS 1011 and COMS 1013	4
ELEG 2111	1
ELEG 2113	3
Total Hours	14

# Junior

Fall	Credits
MATH 2703	3
MATH 2934	4
PHYS 2124 and PHYS 2010	4
ELEG 3103	3

Fall	Credits
Total Hours	14

Spring	Credits
ELEG 3123	3
ELEG 3143	3
STAT 3153	3
ELEG 4103	3
ELEG 4122	2
ELEG 4202 / MCEG 4202	2
Total Hours	16

Fall	Credits
PSY 2003	3
ELEG 2130 and ELEG 2134	4
ELEG 3003 / MCEG 3003	3
ELEG 4113 <sup>2</sup>	3
ELEG 4143	3
ELEG 4191	1
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 3074	4
ELEG 3133	3
ELEG 4192	2
ELEG 4303	3
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

- ELEG 5313 can replace ELEG 4313
- ELEG 5113 can replace ELEG 4113

<sup>&</sup>lt;sup>2</sup>This program partners the BSEE Biomedical option undergraduate degree with the MSEE degree. A maximum of 12 graduate level credit hours can be counted towards both the BSEE Biomedical option degree in Electrical Engineering and the MSEE degree. Four graduate level courses can be used to replace four upper-division undergraduate courses as follows:

### Department of Electrical Engineering

- ELEG 5153 can replace ELEG 4153
- ELEG 5133 can replace ELEG 4133
- ELEG 5993 can replace ELEG 4993

The following courses are not required for the Biomedical Option major; however, they are recommended for application to an advanced medical degree program:

Semester	Course Number	Course Name	Credits
Sophomore Fall	BIOL 3034	Genetics*	4
Sophomore Spring	CHEM 3264	Mechanistic Organic Chemistry*	4
Junior Fall	CHEM 3344	Principles of Biochemistry*	4
Senior Spring	BIOL 4033	Cell Biology*	3
Total			15

# MECHANICAL ENGINEERING

### DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical Engineering Program offers a four-year degree leading to the Bachelor of Science in Mechanical Engineering (BSME) and a two-year degree programs in Manufacturing and in Nuclear Technology. The program leading to the Bachelor of Science in Mechanical Engineering (BSME) degree is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

### Mission

The mission of Mechanical Engineering at Arkansas Tech University is to develop and educate students to become mechanical engineers exhibiting professional competency and ethics, with a desire for life-long learning.

### **Program Educational Objectives**

Graduates of the Mechanical Engineering program will be problem solving, responsible professionals ready for work in industry or further studies in graduate programs. Specifically, based on the needs of the program's regional industry partners, within a few years of graduation, mechanical engineering alumni will have:

- · Obtained professional employment in an engineering or closely related field, entered a graduate program in engineering or gained admission to a professional program such as medicine, law or business.
- Solved problems by applying appropriate engineering tools to the analysis, design, and production of products or systems.
- Continued to develop their skills and increase their knowledge through professional activities including FE/PE certification, membership in professional societies, and continuing education courses.
- Demonstrated good communication skills and worked effectively in team environments that include diverse membership across disciplines, backgrounds, positions, and locations.

### Vision

The Vision of the Mechanical Engineering Program is to be one of the region's exceptional accredited programs of mechanical engineering producing professionals for the state, nation and world.

It is highly recommended that all freshmen engineering students starting fall 2017 purchase laptop computers. Laptop computer specifications are at: https://www.atu.edu/engineering/specifications.php.

### Transfer Policy for Electrical and Mechanical Engineering Departments

- 1. Upper level engineering courses (3000 and 4000 level) are transferable from ABET accredited institutions accredited by the Engineering Accreditation Commission (EAC).
- 2 .Engineering senior design course credits are not transferable.
- 3. No more than 12 credit hours of the required 3000 4000 level engineering, engineering elective or technical elective course credits may be transferred.
- 1 .All transfer courses from U.S. universities must be from institutions of higher education which have been accredited by a regional accrediting agency.
- 1 .Courses presented for transfer credit from non-U.S. institutions which are not ABET accredited must be accompanied by supporting materials such as course outlines, catalog descriptions, and, possibly, examples of student work, tests, etc. All such supporting material must be presented in English and must also meet any additional requirements imposed by the Office of Admissions and the Registrar. Arkansas Tech University requires the applicant to submit his/her academic credentials to a credential evaluation service. Preapproved courses from institutions in the A TU Study Abroad Program are exempt from these requirements.

### **Student Outcomes**

Students in Mechanical Engineering will be expected to meet the outcomes from ABET Engineering Accreditation Commission Criterion 3:

- 1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- 2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
- 3. An ability to communicate effectively with a range of audiences.
- 4 .An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
- 5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
- 6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
- 7 .An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

### **Contact Information**

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**Professors** 

John Krohn

**Associate Professor** 

Robert Fithen

**Assistant Professor** 

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For more information, please visit www.atu.edu/engineering/mechanical

### ASSOCIATE OF SCIENCE IN MANUFACTURING

Mechanical Engineering also offers a two-year program leading to the Associate of Science in Manufacturing. This program is aimed at providing graduates with an understanding of the processes, problems, and overall environment of the manufacturing industry. The program consists primarily of courses common to the first two years of the institution's Bachelor of Science in Mechanical Engineering program including targeted elective classes aimed at providing instruction in manufacturing processes, methods, and statistical analysis.

For a detailed policy regarding transfer credit for the Mechanical Engineering programs, please see the Department of Mechanical Engineering page.

It is highly recommended that all freshmen engineering students starting fall 2017 purchase laptop computers. Laptop computer specifications are at: https://www.atu.edu/engineering/specifications.php.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 2914	4
CHEM 2124 and CHEM 2120	4
MCEG 1011	1
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
PHYS 2114 and PHYS 2000	4
MATH 2924	4
MCEG 1002	2
MCEG 2023	3

Spring	Credits
Total Hours	16

### Sophomore

Fall	Credits
MCEG 2013	3
STAT 3153	3
SFHS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
Total Hours	15

Spring	Credits
SS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MCEG 3013	3
MCEG 3023	3
MCEG 3612	2
STAT 3183	3
Total Hours	17

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### ASSOCIATE OF SCIENCE IN NUCLEAR TECHNOLOGY

Mechanical Engineering also offers a two-year program leading to the Associate of Science in Nuclear Technology (ASNT) degree. This degree is designed to allow students to obtain the knowledge base and training necessary to work in one of the many areas in the nuclear field. While many technology degrees, especially at the associate's level, are seen as less rigorous paths, the ASNT program at Arkansas Tech University includes most of the same courses as the first two years of the engineering programs.

Graduates of the program leading to the Associate of Science Degree in Nuclear Technology may find employment in many areas of the nuclear industry. Many past ASNT graduates have continued their studies to obtain bachelor's degrees in engineering or the physical sciences either at Arkansas Tech University or at other institutions.

For a detailed policy regarding transfer credit for the Mechanical Engineering programs, please see the Department of Mechanical Engineering page.

It is highly recommended that all freshmen engineering students starting fall 2017 purchase laptop computers. Laptop computer specifications are at: https://www.atu.edu/engineering/specifications.php.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 2914 <sup>1</sup>	4
CHEM 2124 and CHEM 2120	4
MCEG 1011 or ELEG 1011	1
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
PHYS 2114 and PHYS 2000	4
MATH 2924	4
MCEG 2023	3
Total Hours	14

Fall	Credits
SFHS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MCEG 2013	3
MCEG 3503	3
Total Hours	15

Spring	Credits
SS 1XXX <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MCEG 3313	3
MCEG 3512	2
MCEG 3523	3
Elective	1

Spring	Credits
Total Hours	15

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

### BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Mechanical engineering is the profession which designs, develops, and manufactures machines that produce, transmit, or use power. Mechanical engineers are involved in the design, development, and production of virtually every product one can imagine. The range of job possibilities for mechanical engineers, both in location and function, is limitless.

The mechanical engineering program at Arkansas Tech is designed to give its students a solid grounding in the machine design and thermal systems areas and to satisfy the engineering manpower needs of industry in Arkansas and the mid-south region. The required courses provide a basic foundation in mechanical engineering with a strong cross-disciplinary component and an emphasis on engineering design. The Bachelor of Science in Mechanical Engineering program is accredited by the Engineering Accreditation Committee of ABET, http://www.abet.org.

Most graduates of the engineering program go directly into the work force as practicing engineers. Many are employed by manufacturing companies in the Arkansas River Valley area, while others have obtained positions with large national and multinational corporations. A number of graduates have elected to attend one of many different graduate schools specializing in disciplines such as engineering (electrical, mechanical, industrial, or nuclear), mathematics, physics, or business.

The first two years of the curriculum contain the needed mathematics, science, and engineering science basics to prepare the student for the upper-level mechanical engineering courses. The junior and senior years include 12 hours of engineering electives which allows the student to concentrate in one of the available areas of specialization which include manufacturing, machine design, nuclear systems, or thermal systems.

For a detailed policy regarding transfer credit for the Mechanical Engineering programs, please see the Department of Mechanical Engineering page.

It is highly recommended that all freshmen engineering students starting fall 2017 purchase laptop computers. Laptop computer specifications are at: https://www.atu.edu/engineering/specifications.php.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
MATH 2914	4
CHEM 2124 and CHEM 2120	4
MCEG 1011	1
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
PHYS 2114 and PHYS 2000	4
MATH 2924	4
MCEG 1002	2
MCEG 2203	3

# Mechanical Engineering

Spring	Credits
Total Hours	16

# Sophomore

Fall	Credits
CHEM 2134 and CHEM 2130 or PHYS 2124 and PHYS 2010	4
MATH 2934	4
MCEG 2013	3
MCEG 2023	3
Total Hours	14

Spring	Credits
SS 1XXX <sup>1</sup>	3
ELEG 2103	3
MATH 3243	3
MCEG 2033	3
MCEG 3013	3
Total Hours	15

# Junior

Fall	Credits
ELEG 2113	3
MCEG 3313	3
MCEG 3413	3
MCEG 3442	2
ENGR Electives <sup>3, 6</sup>	3
Total Hours	14

Spring	Credits
MCEG 4202 / ELEG 4202	2
MCEG 4403	3
MCEG 4423	3
MATH Elective <sup>5</sup>	3
ENGR Electives <sup>3, 6</sup>	3

Spring	Credits
Total Hours	14

Fall	Credits
USHG 1XXX <sup>1</sup>	3
MCEG 3003 / ELEG 3003	3
MCEG 4433	3
MCEG 4442	2
MCEG 4491	1
Technical Elective <sup>4, 6</sup>	3
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
ELEG 4303	3
MCEG 4443	3
MCEG 4492	2
ENGR Lab Elective <sup>2</sup>	2
ENGR Electives <sup>3, 6</sup>	3
Total Hours	16

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>3000-level or above ELEG or MCEG laboratory class.

<sup>&</sup>lt;sup>3</sup>3000-level or above ELEG or MCEG course with minimum of three (3) hours at the 4000-level and approval of advisor.

<sup>&</sup>lt;sup>4</sup>Technical elective course to be chosen with approval of advisor from list of eligible courses maintained in the departmental office.

<sup>&</sup>lt;sup>5</sup>Mathematics elective course to be chosen with approval of advisor from list of eligible courses maintained in the departmental office. <sup>6</sup>Seniors admitted to the Accelerated BSME to Masters of Engineering in Mechanical Engineering Program are able take up to 12 credit hours at the 5000-level that can count as 4000-level courses. The following courses may be used to fulfill the engineering and technical elective requirements in the BSME program: MCEG 5043, MCEG 5053, MCEG 5323, MCEG 5343, MCEG 5413, MCEG 5463, MCEG 5473, MCEG 5503, and MCEG 5993.

# MATHEMATICS AND STATISTICS

### DEPARTMENT OF MATHEMATICS AND STATISTICS

The Department of Mathematics and Statistics offers a four-year program in mathematics that leads to the bachelor of science degree and curriculum that leads to a minor in mathematics. The curriculum is designed to meet the needs of three groups of students: (1) those who plan to seek employment in business, industry, or government, (2) those who plan to attend graduate school to continue their study of mathematics or a related field, and (3) those who plan to be secondary school teachers.

Students majoring in mathematics are encouraged to use their elective hours to complete a second major, or at least a concentration of 18 hours or more, in the field of their choice. For example, students interested in computer science are advised to complete the following courses:

- · COMS 1013 and COMS 1011
- COMS 1403
- COMS 2003
- COMS 2203
- COMS 2213

and two additional courses selected from COMS 3213, COMS 3503, COMS 3803, and COMS 4203.

Students interested in business electives are advised to complete:

- BUAD 2003
- BLAW 2033
- ACCT 2004 and ACCT 2000
- ACCT 2013
- and ECON 2003 and ECON 2013

For other areas of interest, students should consult their advisor to arrange a plan of study.

Students who plan to attend graduate school in mathematics or a related field are advised to complete additional upper-level mathematics courses beyond the minimal degree requirements.

For students interested in Mathematics for Teacher Licensure, click here.

### **Contact Information**

Professors

Marcel Finan

**Associate Professors** 

Scott Jordan, Thomas Limperis

Assistant Professor

Weijia Jia, Azin Sanjari Pirmahaleh, Donna Sherrill, Xinli Xiao

**University Instructors** 

Kristi Brown, Jessica Hogan, Nancy Horton, Susan Jordan, Teresa Taylor

Senior Instructor

Leslie Bain, Jamie King

Instructors

Kasey Ballard, Chantelle Besley, Allie Wynn

For more information, please visit www.atu.edu/mathematics

### MINOR IN MATHEMATICS

For several majors, a minor in mathematics is a natural and popular acquisition. The minor in mathematics requires 20 hours of courses:

- MATH 2703
- MATH 2914
- MATH 2924

and 9 hours selected from any 3000#4000 level mathematics or statistics courses excluding MATH 3033, MATH 3703, MATH 3772, and MATH 4703.

# **BACHELOR OF SCIENCE IN MATHEMATICS**

Student interested in Mathematics for Teacher Licensure, click here.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MATH 1001	1
MATH 2914	4
Elective <sup>3</sup>	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 2703	3
MATH 2924	4
Elective <sup>3</sup>	2
Total Hours	15

Fall	Credits
FAH 1XXX <sup>1</sup>	3
PHYS 2114 and PHYS 2000	4
MATH 2934	4
MATH 3003	3
Elective <sup>3</sup>	1
Total Hours	15

Spring	Credits
SS 1XXX <sup>1</sup>	3
COMS 2803	3

Spring	Credits
PHYS 2124 and PHYS 2010	4
MATH 3243	3
Elective <sup>3</sup>	2
Total Hours	15

### **Junior**

Fall	Credits
FAH 1XXX <sup>1</sup>	3
STAT 3153	3
MATH 4003	3
Elective <sup>3</sup>	6
Total Hours	15

Spring	Credits
SFHS 1XXX <sup>1</sup>	3
MATH 3203	3
MATH 4123	3
Elective <sup>3</sup>	6
Total Hours	15

Fall	Credits
MATH 4033	3
MATH Elective <sup>2</sup>	3
Elective <sup>3</sup>	9
Total Hours	15

Spring	Credits
MATH 4971	1
MATH Elective <sup>2</sup>	3
Elective <sup>3</sup>	11
Total Hours	15

 $<sup>^1\</sup>mathrm{See}$  appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>3000 - 4000 level math elective. MATH 3033 and MATH 4703 may not be used to satisfy this requirement. MATH 4993 may not be used without prior approval of the department head.

<sup>&</sup>lt;sup>3</sup>At least 40 of the total hours required for graduation must be 3000-4000 level courses.

# **APPLIED STATISTICS**

# **BACHELOR OF SCIENCE IN APPLIED STATISTICS**

The Applied Statistics program includes four-year curricula in Actuarial Science and in Data Science.

### **Major Options**

Actuarial Science

Data Science

# BACHELOR OF SCIENCE IN APPLIED STATISTICS - ACTUARIAL SCIENCE OPTION

Student interested in Mathematics for Teacher Licensure, click here.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BUAD 2003	3
ECON 2003	3
MATH 1001	1
MATH 2914	4
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
ECON 2013	3
MATH 2924	4
STAT 2163	3
Total Hours	16

Fall	Credits
ACCT 2004 and ACCT 2000	4
BDA 2003	3
MATH 2934	4
STAT 2304	4
Total Hours	15

Spring	Credits
ACCT 2013	3
COMS 1011 and COMS 1013	4
STAT 3153	3
STAT 3113	3
Quantitative Elective <sup>3</sup>	3
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
MATH 4003	3
STAT 3203	3
Total Hours	16

Spring	Credits
SS 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
STAT 3213	3
STAT 4153	3
Quantitative Elective <sup>3</sup>	3
Total Hours	16

Fall	Credits
COMM 2173	3
STAT 4283	3
MATH/STAT Elective <sup>4</sup>	3
Quantitative Elective	2
Elective <sup>2</sup>	3
Total Hours	14

Spring	Credits
SS 1XXX <sup>1</sup>	3
MATH 4971	1
STAT 4293	3
MATH/STAT Elective <sup>4</sup>	3
Elective <sup>2</sup>	3
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

# BACHELOR OF SCIENCE IN APPLIED STATISTICS DATA SCIENCE OPTION

Student interested in Mathematics for Teacher Licensure, click here.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
MATH 1001	1
MATH 2914	4
BUAD 2003	3
Total Hours	14

Spring	Credits
ENGL 1023 <sup>1</sup>	3
FAH 1XXX <sup>1</sup>	3
BDA 2003	3
MATH 2924	4
STAT 2163	3
Total Hours	16

<sup>&</sup>lt;sup>2</sup>A minimum of 40 credit hours of the 120 total hours required for the B.S. degree must be 3000-4000 level courses.

<sup>&</sup>lt;sup>3</sup>The quantitative electives must be at the 2000-level or above and may include math, statistics, computer science, business administration, business data analytics, finance, or a course in another area with substantial quantitative content (ask for approval from advisor).

<sup>&</sup>lt;sup>4</sup>See catalog to assure pre-requisites are met. See advisor to select courses from STAT 3183, STAT 4113, STAT 4393, MATH 4123, or a MATH/ STAT course at the 3000-4000 level approved by advisor.

Fall	Credits
SS 1XXX <sup>1</sup>	3
MATH 2703	3
MATH 2934	4
STAT 2304	4
Total Hours	14

Spring	Credits
BDA 3053	3
COMS 1011 and COMS 1013	4
STAT 3113	3
STAT 3153	3
Math/STAT Elective <sup>3</sup>	3
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
SCIL 1XXX <sup>1</sup>	4
COMS 2203	3
MATH 4003	3
STAT 4163	3
Total Hours	16

Spring	Credits
COMM 2173	3
SCIL 1XXX <sup>1</sup>	4
COMS 2213	3
STAT 4153	3
MATH/STAT Elective <sup>3</sup>	3
Total Hours	16

Fall	Credits
SS 1XXX <sup>1</sup>	3
STAT 4113	3
STAT 4383	3

Fall	Credits
COMS Elective <sup>4</sup>	3
Elective <sup>2</sup>	3
Total Hours	15

Spring	Credits
MATH 4971	1
COMS Elective <sup>4</sup>	3
MATH/STAT Elective <sup>3</sup>	6
Elective <sup>2</sup>	3
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>&</sup>lt;sup>2</sup>A minimum of 40 credit hours of the 120 total hours required for the B.S. degree must be 3000-4000 level courses.

<sup>&</sup>lt;sup>3</sup>See catalog to assure pre-requisites are met. See advisor to select courses from: STAT 3183, STAT 4393, MATH 4123, or a MATH/STAT course at the 3000-4000 level approved by advisor.

<sup>&</sup>lt;sup>4</sup>See catalog to assure pre-requisites are met. See advisor to select courses from: COMS 3233, COMS 3243, COMS 4353, or a COMS course at the 3000-4000 level approved by advisor.

# PHYSICAL AND EARTH SCIENCES

### DEPARTMENT OF PHYSICAL AND EARTH SCIENCES

The Department of Physical and Earth Sciences offers majors and minors in chemistry, engineering physics, geology, physical science, nuclear physics, and physics. Students interested in teaching science in secondary schools should follow the curriculum in science set forth in this catalog under the physical science for teacher licensure curricula, College of Education.

Note that for every degree program in this department, there is a non-course requirement involving an exit interview with the Department Head as part of the formal process for graduation.

### **Bachelor of Science**

### Chemistry with options in:

Biochemistry Environmental General Professional

### **Chemistry Education**

### Geology with options in:

Environmental Petroleum Professional

### **Engineering Physics**

**Physics** 

### **Physics Education**

### Minors

Chemistry Geology **Physics** Physical Science

### **Contact Information**

### Dr. Hamed Shojaei, Head

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### Professors

Anwar Bhuiyan, Newton Hilliard, Charles Mebi, Jason Patton, Hamed Shojaei

### Associate Professors

Rajib Choudhury, Michael Davis, Mariusz Gajewski, Jacob Grosskopf, Amber Harrington, Jessica Young

### **Assistant Professors**

Soumia Amrine, Matthew Hankins, Jacob Siebach

For more information, please visit www.atu.edu/physci

### DEPARTMENT OF PHYSICAL SCIENCES - MINORS AVAILABLE

### Chemistry

The minor in chemistry is designed for science majors who would like to further their studies in chemistry and for students who cannot complete a major in chemistry, but for employment opportunities, would like to gain basic knowledge and competencies in chemistry. The minor in chemistry requires the core chemistry courses:

- · CHEM 2124 and CHEM 2120
- · CHEM 2134 and CHEM 2130
- CHEM 3245
- CHEM 3254
- CHEM 3264

### Geology

The minor in geology is primarily designed for students who are majoring in disciplines where a broader background in geology can aid in recognizing and addressing geological hazards, natural disasters, environmental issues, natural resource management, conservation, and land use planning. The minor in geology requires 20 hours of courses:

- GEOL Electives (11 hours)
- GEOL Electives (9 hours of 3000 or 4000 level)

### **Physics**

The minor in physics is for engineering students or physical science students wishing to obtain additional background to support their major degree and enhance their employment opportunities. The minor in physics requires 20 hours of courses:

- PHYS 2114
- PHYS 2124
- PHYS 3213
- UD PHYS Electives (6 hours of 3000-4000 level)
- UD PHYS *or* MATH Electives (3 hours of 3000-4000 level)

### **Physical Science**

The minor in physical science is for students wishing to obtain additional background to enhance their employment opportunities. The minor in physical science requires 20 hours of courses:

- Electives (11 hours chosen from CHEM, GEOL, PHSC, or PHYS)
- Electives (9 hours of 3000 or 4000 level chosen from CHEM, GEOL, PHSC, or PHYS)

### **BACHELOR OF SCIENCE IN PHYSICS**

The physics curriculum is designed to serve the needs of students in the fields of engineering, medicine, and other sciences. The junior and senior courses are tailored for students who desire a concentration in physics for a bachelor of science degree in physical science and/or wish to pursue graduate study in areas such as physics, meteorology, and astronomy. Also, with obtaining proper licensure, physics graduates can teach at high schools.

To qualify for a bachelor of science degree in physical science, the student must take eight (8) hours in chemistry, nine (9) hours in computer and information science, at least twenty-one (21) hours in mathematics and statistics, and at least thirty-six (36) hours in physics.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
COMS 1011 and COMS 1013	4
MATH 2914	4
PHSC 1001	1

<sup>\*</sup>No more than one credit hour can be a seminar course or special problem

<sup>\*</sup>No more than one credit hour can be a seminar course or special problem

<sup>\*</sup>No more than one credit hour can be a seminar course or special problem

Fall	Credits
CHEM 2124 and CHEM 2120	4
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
MATH 2924	4
PHYS 2114 and PHYS 2000	4
PHSC 1011	1
CHEM 2134 and CHEM 2130	4
Total Hours	16

# Sophomore

Fall	Credits
SS 1XXX <sup>1</sup>	3
PHYS 2124 and PHYS 2010	4
MATH 2934	4
COMS 2203	3
Total Hours	14

Spring	Credits
USHG 1XXX <sup>1</sup>	3
ELEG 2103	3
PHYS 3213	3
MATH 3243	3
BIOL XXXX <sup>1</sup>	4
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
PHYS 3023 or PHYS 4013	3
ELEG 2113	3
ELEG 2111	1
PHYS 3133 or PHYS 4023	3
COMS 2323	3
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
PHYS 3003 or PHYS 4113	3
(PHYS 4213 or an upper division Mathematics course) or PHYS 4003	3
STAT 3153	3
Electives <sup>3</sup>	2
Total Hours	14

### Senior

Fall	Credits
SS 1XXX <sup>1</sup>	3
PHYS 3023 or PHYS 4013	3
PHYS 3133 or PHYS 4023	3
MATH 4003	3
Elective (3000-4000 level) <sup>3</sup>	3
Total Hours	15

Spring	Credits
SFHS 1XXX <sup>1</sup>	3
PHYS 3003 or PHYS 4113	3
(PHYS 4213 or an upper division Mathematics course) or PHYS 4003	3
PHYS 4951	1
Electives (3000-4000 level) <sup>3</sup>	3
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

### **BACHELOR OF SCIENCE IN ENGINEERING PHYSICS**

Students graduating with an engineering physics degree will be well qualified for jobs requiring highly technical skills and theoretical knowledge. Also, the degree program will prepare students for graduate studies in the fields of physics and engineering. However, those interested in employment immediately after graduation will have numerous alternatives for career choices. Job opportunities for an engineering physics graduate could include employment in industries such as: McDonnell Douglas/Boeing, Texas Instruments, Honeywell, Microsoft, Polaroid, Union Carbide, National Institute of Standards; Technology, Entergy, Tennessee Valley Authority, and Dow Chemical. Also, government agencies such as NASA, National Bureau of Standards, Office of Naval Research, Department of Energy, etc., provide additional employment opportunities for engineering physics graduates.

To qualify for a baccalaureate degree in engineering physics, the student must complete four (4) hours in chemistry, ten (10) hours in computer and information science, fifteen to eighteen (15-18) hours in mathematics, twenty-nine (29) hours in physics (including the core physics courses), thirtytwo (32) hours in engineering, and one (1) hour of engineering design course (in the final semester).

### Curriculum

<sup>&</sup>lt;sup>2</sup>Excluding MATH 3003, MATH 3033, and MATH 4113.

<sup>&</sup>lt;sup>3</sup>Seven hours of electives must be from physical sciences, biology, engineering, computer science.

<sup>&</sup>lt;sup>4</sup>Must complete both the PHYS 4113 and 3 hours PHYS electives (PHYS course offered in alternating years).

The matrix below is a sample plan for all coursework required for this program.

# Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
PHSC 1001	1
MATH 2914	4
COMS 1011 and COMS 1013	4
CHEM 2124 and CHEM 2120	4
Total Hours	16

Spring	Credits
ENGL 1023 <sup>1</sup>	3
PHSC 1011	1
MATH 2924	4
MCEG 2023	3
PHYS 2114 and PHYS 2000	4
Total Hours	15

# Sophomore

Fall	Credits
SS 1XXX <sup>1</sup>	3
COMS 2203	3
MCEG 2013	3
PHYS 2124 with PHYS 2010	4
MATH 2934	4
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
ELEG 2103	3
MCEG 2033	3
PHYS 3213	3
MATH 3243	3
Total Hours	15

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
PHYS 3023 or PHYS 4013	3
ELEG 2113	3
ELEG 2111	1
PHYS 3133 or PHYS 4023	3
COMS 2323	3
Total Hours	16

Spring	Credits
USHG 1XXX <sup>1</sup>	3
PHYS 3003 or PHYS 4113	3
(PHYS 4213 or an upper division Mathematics course) or PHYS 4003	3
MCEG 3013	3
MCEG 3313	3
Total Hours	15

Fall	Credits
MCEG 4202	2
MCEG 4403	3
PHYS 3023 or PHYS 4013	3
PHYS 3133 or PHYS 4023	3
COMS/ELEG/MCEG Elective (3000-4000 level)	3
Total Hours	14

Spring	Credits
PHYS 3003 or PHYS 4113	3
(PHYS 4213 or an upper division Mathematics course) or PHYS 4003	3
MCEG 4443	3
PHYS 4061	1
COMS/ELEG/MCEG Elective (3000-4000 level)	2
Total Hours	12

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

<sup>&</sup>lt;sup>2</sup>Excluding MATH 3003, MATH 3033, and MATH 4113.

<sup>&</sup>lt;sup>3</sup>PHYS 3023 and PHYS 4003 will satisfy the prerequisites for MCEG 3013 and MCEG 4403 for engineering physics majors.

<sup>&</sup>lt;sup>4</sup>Must complete both the PHYS class and one MATH upper division elective (PHYS course offered in alternating years).

# **CHEMISTRY**

### **BACHELOR OF SCIENCE IN CHEMISTRY**

The chemists of today are involved in the development of a multitude of new materials such as plastics, drugs, and agricultural products. Research chemists are conducting studies of the fundamental nature of matter which lead to expanded knowledge in medicine and biology. Each course in chemistry stresses laws, theories, and applications in the lecture portion and offers students the opportunity to gain experience in well-equipped laboratories.

### **Major Options**

Biochemistry Environmental General Professional

Chemistry is one of the highly recommended courses of study for students interested in pursuing careers in a variety of professional endeavors such as the health sciences: medicine, pharmacy, dentistry, and para-medical fields.

Chemistry majors must earn a grade of "C" or better in all chemistry courses (CHEM), including transfer credits, in order to satisfy graduation requirements.

### CHEMISTRY PROGRAM - BIOCHEMISTRY OPTION

The Biochemistry option is designed to provide the background needed for students seeking entrance into professional medical or dental schools. It will also greatly benefit students seeking technical jobs that require multidisciplinary training in biology and chemistry as well as an abundance of science laboratory skills.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 2914	4
PHSC 1001	1
CHEM 2124 and CHEM 2120	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
BIOL 1114	4
MATH 2924	4
PHSC 1011	1
CHEM 2134 and CHEM 2130	4
Total Hours	16

Fall	Credits
SS 1XXX <sup>1</sup>	3
PHYS 2014 and PHYS 2000 or PHYS 2114 and PHYS 2000	4
COMS 2003 or COMS 2803	3
CHEM 3254	4
Total Hours	14

Spring	Credits
USHG 1XXX <sup>1</sup>	3
PHYS 2024 and PHYS 2010 or PHYS 2124 and PHYS 2010	4
CHEM 3245	5
CHEM 3264	4
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
BIOL 2124	4
CHEM 3301	1
CHEM 3344	4
Elective <sup>2</sup>	4
Total Hours	16

Spring	Credits
BIOL 2014	4
BIOL 3034	4
CHEM 3423	3
CHEM 3363	3
Total Hours	14

Fall	Credits
BIOL 3074 or BIOL 3174	4
CHEM 3324	4
CHEM 4414	4
CHEM 4951 or CHEM 4991	1
CHEM Elective (3000-4000 level)	3

Fall	Credits
Total Hours	16

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SFHS 1XXX <sup>1</sup>	3
BIOL 4033	3
CHEM 4401	1
CHEM 4951 or CHEM 4991	1
Elective <sup>2</sup>	2
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

# CHEMISTRY PROGRAM - ENVIRONMENTAL OPTION

The objective of the Environmental curriculum is to bring together the disciplines of chemistry, biology, and geology as applied to the environment. Emphasis will be on interdisciplinary approaches to environmental studies.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 2243	3
PHSC 1001	1
BIOL 1004/ENVS 1004/PHSC 1004	4
CHEM 2124 and CHEM 2120	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
ECON 2003	3
PHSC 1011	1
CHEM 2134 and CHEM 2130	4
CHEM 3313	3

<sup>&</sup>lt;sup>2</sup>German, Statistics, and Technical Communications are encouraged. (Electives must include sufficient upper-division courses to result in 40 upper division hours) (upper division = 3000-4000 level).

Spring	Credits
Total Hours	17

# Sophomore

Fall	Credits
USHG 1XXX <sup>1</sup>	3
STAT 2163 or PSY 2053/SOC 2053	3
COMS 2003 or COMS 2803	3
PHYS 2014 and PHYS 2000	4
CHEM 3254	4
Total Hours	17

Spring	Credits
PHYS 2024 and PHYS 2010	4
CHEM 2111	1
CHEM 3245	5
CHEM 3264	4
Total Hours	14

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
ENGL 2053	3
BIOL 2124	4
GEOL 1014	4
BIOL 3353/CHEM 3353	3
Total Hours	17

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SFHS 1XXX <sup>1</sup>	3
BIOL 2134	4
BIOL 3043/ENVS 3043	3
BIOL 3111/CHEM 3111/ENVS 3111/GEOL 3111	1
Total Hours	14

Fall	Credits
BIOL 3054	4
BIOL 3114	4
GEOL 3083	3
CHEM 4414	4
Total Hours	15

Spring	Credits
BIOL 4111/CHEM 4111/GEOL 4111	1
CHEM 4951-4 or CHEM 4991-4	1-4
Elective	6-9
Total Hours	11

<sup>&</sup>lt;sup>1</sup>See appropriate choices, alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

# **CHEMISTRY PROGRAM - GENERAL OPTION**

The General option is specifically designed with a minimum of required courses so that students, in cooperation with their faculty academic advisors, can exercise a maximum degree of flexibility in tailoring programs to meet their individual aspirations. By judiciously choosing electives, individuals can enrich these minimum chemistry requirements to prepare for futures in law, technical marketing, environmental science, computer science, technical writing, toxicology, education, technical illustration, engineering, health sciences, and business.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 2914	4
PHSC 1001	1
CHEM 2124 and CHEM 2120	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
BIOL 1114	4
MATH 2924	4
PHSC 1011	1
CHEM 2134 and CHEM 2130	4
Total Hours	16

# **Sophomore**

Fall	Credits
SS 1XXX <sup>1</sup>	3
PHYS 2014 and PHYS 2000 <i>or</i> PHYS 2114 and PHYS 2000	4
COMS 2003 or COMS 2803	3
CHEM 3254	4
Total Hours	

Spring	Credits
USHG 1XXX <sup>1</sup>	3
PHYS 2024 and PHYS 2010 <i>or</i> PHYS 2124 and PHYS 2010	4
CHEM 3245	5
CHEM 3264	4
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
CHEM 3301	1
CHEM 3324	4
CHEM 3423	3
Science Elective <sup>2</sup>	3
Elective <sup>4</sup>	1
Total Hours	15

Spring	Credits
FAH 1XXX <sup>1</sup>	3
CHEM 3344	4
Elective <sup>4</sup>	5
Total Hours	12

Fall	Credits
CHEM 4414	4
CHEM Elective <sup>3</sup>	3
Elective <sup>4</sup>	9

Fall	Credits
Total Hours	

Spring	Credits
SFHS 1XXX <sup>1</sup>	3
CHEM 4401	1
CHEM Elective <sup>3</sup>	3
Elective <sup>4</sup>	9
Total Hours	16

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

# **CHEMISTRY PROGRAM - PROFESSIONAL OPTION**

The Professional option is especially recommended for students who plan to pursue graduate studies in chemistry or related fields or those persons wishing to seek employment in industry as chemists. The professional option is accredited by American Chemical Society.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
SS 1XXX <sup>1</sup>	3
MATH 2914	4
PHSC 1001	1
CHEM 2124 and CHEM 2120	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
BIOL 1114	4
MATH 2924	4
PHSC 1011	1
CHEM 2134 and CHEM 2130	4
Total Hours	16

<sup>&</sup>lt;sup>2</sup>Science electives from BIOL, GEOL, PHYS, PHSC (excluding BIOL 1014 PHSC 1013 and PHSC 1021), and excluding CHEM.

<sup>&</sup>lt;sup>3</sup>Excluding CHEM 1113 and CHEM 1111.

<sup>&</sup>lt;sup>4</sup>German, Statistics, and Technical Communications are encouraged. (Electives must include sufficient upper-division courses to result in 40 upper division hours) (upper division = 3000-4000 level).

Fall	Credits
SS 1XXX <sup>1</sup>	3
PHYS 2114 and PHYS 2000	4
MATH 2934	4
COMS 2003 or COMS 2803	3
CHEM 3254	4
Total Hours	18

Spring	Credits
USHG 1XXX <sup>1</sup>	3
PHYS 2124 and PHYS 2010	4
CHEM 3245	5
CHEM 3264	4
Total Hours	16

# Junior

Fall	Credits
FAH 1XXX <sup>1</sup>	3
CHEM 3301	1
CHEM 3324	4
CHEM 3423	3
CHEM Elective <sup>2</sup>	3
Total Hours	14

Spring	Credits
FAH 1XXX <sup>1</sup>	3
SFHS 1XXX <sup>1</sup>	3
CHEM 3334	4
Elective <sup>3</sup>	6
Total Hours	16

Fall	Credits
CHEM 3344	4
CHEM 4401	1
CHEM 4414	4
CHEM 4433	3

Fall	Credits
Total Hours	12

Spring	Credits
CHEM 4424	4
CHEM 4952-4 or CHEM 4992-4	2-4
Elective <sup>3</sup>	7-5
Total Hours	13

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

<sup>&</sup>lt;sup>2</sup>Excluding CHEM 1113 and CHEM 2204.

<sup>&</sup>lt;sup>3</sup>German, Statistics, and Technical Communications are encouraged. (Electives must include sufficient upper division courses to result in 40 upper division hours) (upper division = 3000-4000 level)

# **GEOLOGY**

### **BACHELOR OF SCIENCE IN GEOLOGY**

### **Major Options**

Environmental Geology Petroleum Geology Professional Geology

The science of geology seeks to develop an understanding of the Earth's physical and chemical processes, environmental systems, and natural resources. Geologists work in a variety of areas, including discovering new sources of energy, and economically important minerals. Human impacts on the environment, volcanoes, earthquakes, landforms, surface and subsurface water, earth history, and fossils are all subjects for study.

Geologists may work as members of an interdisciplinary team in planning construction projects, landfills, mine reclamation, and other environmentally-oriented projects. Employment opportunities for geologists exist in private industry and both state and federal government agencies.

Geology students may follow programs designed to prepare them for entry into graduate school, employment in the geotechnical field, or secondary school earth science teaching. Excellent employment opportunities are available in the environmental geotechnical field, where geologists work with other scientists and engineers to solve complex environmental issues.

The geology major will study for a bachelor of science degree. This degree requires a minimum of 120 semester hours with a minimum of 43 semester hours in geology (professional option), or a minimum of 36 semester hours in geology (environmental option). Additional departmental courses and related courses may be specified for geology majors following particular emphasis programs. Strongly recommended are calculus and/or statistics.

The geology program is fully interdisciplinary allowing the student and their advisor to "build" an academic program through selection of appropriate electives to suit the special needs and interests of the student.

### GEOLOGY PROGRAM - ENVIRONMENTAL OPTION

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113	3
PHSC 1001	1
BIOL 1004/ENVS 1004/PHSC 1004	4
GEOL 1014	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CHEM 2124 and CHEM 2120	4
COMS 1003	3
PHSC 1011	1
GEOL 2024	4
Total Hours	15

Fall	Credits
ENGL 2053	3
SFHS 1XXX <sup>1</sup>	3
USHG 1XXX <sup>1</sup>	3
CHEM 2134 and CHEM 2130	4
GEOL 3014	4
Total Hours	17

Spring	Credits
BIOL 1014	4
SS 1XXX <sup>1</sup>	3
COMS 2003	3
BIOL 2111/CHEM 2111/GEOL 2111	1
GEOL 3164	4
Total Hours	15

# Junior

Fall	Credits
ENVS 3043/BIOL 3043	3
PHYS 2014 and PHYS 2000	4
GEOL 3023	3
GEOL 3044 or GEOL 3153	4-3
Total Hours	13-14

Spring	Credits
FAH 1XXX <sup>1</sup>	6
PHYS 2024 and PHYS 2010	4
GEOL 3004	4
BIOL 3111/CHEM 3111/ENVS 3111/GEOL 3111	1
Total Hours	15

Fall	Credits
SS 1XXX <sup>1</sup>	3
Elective (3000-4000 level) <sup>2</sup>	3
FW 2833/GEOG 2833	3
GEOL 3153 or GEOL 3044	3

Fall	Credits
GEOL 3083	3
Total Hours	15-16

Spring	Credits
GEOL 3174	4
GEOL 4043	3
BIOL 4111/CHEM 4111/GEOL 4111	1
Science Elective <sup>2</sup>	6
Total Hours	14

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

# **GEOLOGY PROGRAM - PETROLEUM OPTION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
MATH 1113	3
PHSC 1001	1
BIOL 1014	4
GEOL 1014	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CHEM 2124 and CHEM 2120	4
MATH 1203	3
PHSC 1011	1
GEOL 2024	4
Total Hours	15

<sup>&</sup>lt;sup>2</sup>Electives in Physical or Life Sciences and Mathematics (Geology, Biology, Chemistry, and Math).

Fall	Credits
USHG 1XXX <sup>1</sup>	3
CHEM 2134 and CHEM 2130	4
GEOL 2001	1
GEOL 3014	4
GEOL 3044	4
Total Hours	16

Spring	Credits
SFHS 1XXX <sup>1</sup>	3
FW 2833/GEOG 2833	3
MATH 2914	4
GEOL 3164	4
Total Hours	14

# Junior

Fall	Credits
SFAH 1XXX <sup>1</sup>	6
PHYS 2014 and PHYS 2000	4
GEOL 3001	1
GEOL 3023	3
Total Hours	14

Spring	Credits
PHYS 2024 and PHYS 2010	4
GEOL 3004	4
GEOL 3124 or GEOL 4023	3-4
GEOL 3174 or GEOL 4034	4
Total Hours	15-16

Fall	Credits
SFAH 1XXX <sup>1</sup>	6
GEOL 3153	3
GEOL 4001	1
General Elective	4
Total Hours	14

Spring	Credits
GEOL 3124 or GEOL 4023	3-4
GEOL 3174 or GEOL 4034	4
GEOL 4043	3
Total Hours	10-11

### **Ninth Semester - Summer (after Junior or Senior Year)**

Course Number and Name	Credits
GEOL 4006 <sup>2</sup>	6
Total Hours	6

<sup>&</sup>lt;sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.\*

# **GEOLOGY PROGRAM - PROFESSIONAL OPTION**

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

### Freshman

Fall	Credits
ENGL 1013 <sup>1</sup>	3
BIOL 1XXX <sup>1</sup>	4
PHSC 1001	1
MATH 1113	3
GEOL 1014	4
Total Hours	15

Spring	Credits
ENGL 1023 <sup>1</sup>	3
CHEM 2124 and CHEM 2120	4
PHSC 1011	1
MATH 1203	3
GEOL 2024	4
Total Hours	15

<sup>&</sup>lt;sup>2</sup>GEOL 4006 (6 credit hours of field geology) must be completed during the summer after Junior or Senior year

Fall	Credits
USHG 1XXX <sup>1</sup>	3
CHEM 2134 and CHEM 2130	4
FW 2833/GEOG 2833	3
GEOL 2001	1
GEOL 3014	4
Total Hours	15

Spring	Credits
SFAH 1XXX <sup>1</sup>	3
GEOL 3004	4
GEOL 3124 or General Electives	4
GEOL 3164	4
Total Hours	15

# Junior

Fall	Credits
PHYS 2014 and PHYS 2000	4
GEOL 3001	1
GEOL 3023	3
GEOL 3044	4
MATH/COMS Elective <sup>2</sup>	3-4
Total Hours	15-16

Spring	Credits
SFAH 1XXX <sup>1</sup>	3
PHYS 2024 and PHYS 2010	4
GEOL 3124 or General Electives	4
GEOL 3174 or General Electives	4
Total Hours	18

Fall	Credits
SFAH 1XXX <sup>1</sup>	3
GEOL 3153	3
GEOL 4001	1
GEOL 4023	3

Fall	Credits
Elective	3-4
Total Hours	13-14

Spring	Credits
SFHS 1XXX <sup>1</sup>	3
SFAH 1XXX <sup>1</sup>	3
GEOL 3174 or General Electives	4
Total Hours	10

### **Ninth Semester - Summer**

Ninth Semester - Summer	Credits
GEOL 4006 <sup>3</sup>	6
Total Hours	6

(After Junior or Senior Year)	Credits

<sup>&</sup>lt;sup>1</sup>See appropriate choices, alternatives or substitutions in "General Education Requirements". A specific general education core course does not have to be taken in the semester listed, any other part of the general education core at any time is acceptable as well.

<sup>&</sup>lt;sup>2</sup>COMS 1003, COMS 1013 and COMS 1011, MATH 2914, or STAT 2163.

<sup>&</sup>lt;sup>3</sup>GEOL 4006 (6 credit hours of field geology) must be completed during the summer after Junior or Senior year.

# **ALL COURSES**

# **COURSE LISTING - ALL COURSES INDEX**



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**TEST** 



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