

RECEIVED OCT - 1 2008

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Biological Sciences

Date submitted: 17 September 2008

Request for: Course change X Course deletion _____ Course addition _____

Submitted by: Drs. Ivan Still and Jackie Bowman *pus*

Approved by: Department Head: *Charlie Bagen*
Dean of School *W. Mahoon*

Reviewed by: Registrar: *Gammie Knodes*

Vice President:

Proposed change to prerequisite for BIOL1114, Principles of Biology

Currently the prerequisites for this course require "scores of 19 or higher on the reading and science reasoning portions of the enhanced ACT; or a grade of "C" or higher in a science course". We propose the addition of a math requirement. The prerequisite would thus read: "scores of 19 or higher on the reading, science reasoning and mathematics portion of the enhanced ACT or completion of MATH0903, Intermediate Algebra, with a grade "C" or higher, or a grade "C" or higher in a science course". This math requirement is identical to that for the freshman non-majors science course CHEM1114 (Survey of Chemistry). Furthermore, national published studies¹ have linked success in science courses to the level of math preparation at school. Therefore, implementing this math requirement will ensure an improved preparation of the enrolling student, and thus increase their chance of finishing the course with a higher grade.

Reference;

1. Matt T. Harmston and Ann-Maureen Pliska ACT research
<http://www.act.org/research/briefs/2002-2.html> Accessed 10 Sept 2008

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description: (AS IT WILL APPEAR IN THE CATALOG).

Number:

Title for Catalog:

*Title for Course Inventory (24 characters):

appcc 11/14/08
appfs 12/3/08

Description:

Effective date or term:

*Course fees:

II. Justification and feasibility of course:

- A. What is the need for this course? Who will take it?
- B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?
- C. Is this course part of any general plan of development within your department? Explain.
- D. How often will the course be offered?
- E. How will the course be staffed?
- F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

List Department Head/
Program Director Consulted:
(Add to list as needed)

Indicate Support
for Proposal
(yes/no)

Date:

1. Dr. Joe Stoeckel
Fish & Wildlife

JS

Yes

9/29/08

2. Ms. Phyllis Cox,
HIM

PC

Yes

9/29/08

3. Dr. David Bell,
Education

DB

Yes

9/29/08

4. Dr. Bruce Tedford,
Biology

BKT

Yes

9/29/08

5. Dr. Tom Limperis,
Mathematics

TL

Yes

9/29/08

Dr. Jeff Robertson
Physical Science

TCS

9/29/08

JWR

*Updated 8/1/04

**Updated 9/1/05