

COURSE MODIFICATION PROPOSAL

PROGRAM AREA BIOLOGY

- 1. Catalog Description of the Course.** *[Include the course prefix, number, full title, and units. Provide a course narrative using underline for deletions and CAPITALS for additions including prerequisites/corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ___ units); time distribution (Lecture ___ hours, laboratory ___ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

BIOL 300 CELL PHYSIOLOGY BIOLOGY (4)

Three hours of lecture and three hours of laboratory per week.

Prerequisites: CHEM 122; CHEM 311 and 312 or concurrent enrollment; BIOL 201 with a grade of C or better.

Detailed study of the organization and functioning of cells and cellular organelles at the cellular and molecular levels, emphasizing experimental approaches and structural and functional relationships and their regulation and control. Topics include macromolecules, membrane phenomena, metabolism, enzyme kinetics, and cellular events associated with excitable cells and tissues. A lab fee is required.

2. Mode of instruction

<u>Existing</u>				<u>Proposed</u>			
	Units	Hours Per Unit	Benchmark Enrollment		Units	Hours per Unit	Benchmark Enrollment
Lecture	<u>3</u>	<u>1</u>	<u>24</u>	Lecture	<u>3</u>	<u>1</u>	<u>20</u>
Seminar	<u> </u>	<u> </u>	<u> </u>	Seminar	<u> </u>	<u> </u>	<u> </u>
Laboratory	<u>1</u>	<u>3</u>	<u>24</u>	Laboratory	<u>1</u>	<u>3</u>	<u>20</u>
Activity	<u> </u>	<u> </u>	<u> </u>	Activity	<u> </u>	<u> </u>	<u> </u>

- 3. Course Content in Outline Form if Being Changed.** *[Be as brief as possible, but use as much space as necessary]*

NO CHANGE

- 4. References.** *[Provide 3-5 references on which this course is based and/or support it.]*

NO CHANGE

- 5. Indicate Changes and Justification for Each.** *[Check all that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]*

- ☒ Course title
☐ Prefix/suffix
☐ Course number
☐ Units
☒ Staffing formula and enrollment limits
☐ Prerequisites/corequisites
☐ Catalog description
☐ Course content
☐ References
☐ GE
☐ Other

JUSTIFICATION: The course title is being changed from “Cell Physiology” to “Cell Biology” because Cell Biology is a more contemporary, widely-recognized title. In addition, the maximum enrollment in the lab is being reduced because this laboratory is technique intensive and each student requires a lot of individualized attention.

6. If this modification results in a GE-related change indicate GE category affected:

A (English Language, Communication, Critical Thinking)	
B (Life Sciences)	
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

7. Consultation

Attach consultation sheets from all program areas, Library, and others (if necessary)

8. If this course modification will alter any degree, credential, certificate, or minor program in your program attach a program modification. ATTACHED

____Nancy Mozingo____5 December 03_____
Proposer of Course Modification Date