

Curriculum Committee



Change of Course Proposal

School or Division	School of Pure and Applied Sciences
Program or Certificate	List name of program or certificate
Proposed by (faculty only)	Peggy Romeo
Presenter (faculty only)	Peggy Romeo
Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and be resubmitted for a later date.	
Submission date	8/27/2017
Current course prefix, number, and title	BSC1005 – General Biology

Section I, Proposed Changes

Change to course prefix and number Lecture/lab course combined must include "C" / lab course must include "L"	List new course prefix and number
Provide justification for the proposed prerequisite(s).	There was changed from a "C" course to a separate lecture and lab course last year, but at the time, only the names of the two new separated courses were changed. The Catalog description, topic outline, and learning outcomes were not changed for the two newly formed courses.
Change to course title	NA
Change of School, Division, or Department	NA
Change to course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D")	From: NA To:
Change to course co-requisites	From: NA To:
Provide justification for the proposed co-requisite(s).	
Is any co-requisite for this course listed as a co-requisite on its paired course?	Choose an item.

(Ex. CHM 2032 is a co-requisite for CHM 2032L, and CHM 2032L is a co-requisite for CHM 2032)	List the co-requisite
Change to course credits or clock hours	From: To:
Change to contact hours (faculty load)	From: To:
Change to grade mode	Choose an item.
Change to credit type	Choose an item.
Change to course description (provide below)	
This is a biological science survey course that is intended to serve as a general biology course for students who do not necessarily wish to pursue a career in science. The course may be taken concurrently with the associated lab, but the lab component is not required. Topics include: basic chemistry for biological sciences, biology of the cell, heredity, evolution, phylogenetic classification, ecology, and sustainability. The course emphasizes major biological concepts as they apply to current world issues.	

Change to general topic outline (type in entire new outline below)
<ul style="list-style-type: none"> • Basic Molecules of Life • Evolution of Cell • Flow of Energy • Cell Reproduction • Genes and Inheritance • Evolution • Diversity of Life • Ecology • Sustainability

Change to Learning Outcomes: For information purposes only.

<p>IV. Course Competencies, Learning Outcomes and Objectives</p> <p>General Education Competencies and Course Outcomes</p> <ul style="list-style-type: none"> • Identify the Elements of Life • Describe the structure and importance of Water in biological systems • Recognize the four Biological Macromolecules • Distinguish between Prokaryotes and Eukaryotes • Explain the Endosymbiotic theory to the Evolution of Cells • Interpret the relationship between Cell Structures and Complexity

VPAA: Revised 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17

- Differentiate between Autotrophs and Heterotrophs
- Summarize the connections between Photosynthesis and Cellular Respiration
- Diagram Energy relationship within a Food Web
- Outline the general Cell Cycle
- Differentiate among the outcomes of Mitosis and Meiosis
- Clarify the process of Asexual and Sexual Reproduction
- Predict outcomes of Monohybrid crosses
- Recognize the Genetic Basis of Characteristics and Traits
- Explain the connection between Genetic Variation and Disorders
- Identify the Characteristics of life
- Characterize the development of Evolutionary Adaptations
- Summarize current theories describing Origin of Life on Earth
- Interpret Phylogenic Relationships
- Examine the relationship of Extinction and Speciation to Diversity of Life
- Clarify the key components of Classification Systems used to describe living things
- Explore the factors that influence Biological Populations
- Investigate the relationships & interactions within Biological Communities
- Evaluate the contributions of components that make up Ecosystems and the Biosphere
- Defend the importance of Biodiversity to the continuation of Life
- Articulate the various factors that impact the quality of Life on Earth
- Examine various strategies necessary to maintain the fragile balance between Human Actions and the Sustainability of the Biosphere

1. Integral General Education Competency or competencies:

2. Supplemental General Education Competency or competencies:

B. In accordance with Florida Statute 1007.25 concerning the state's general education core course requirements, this course meets the general education competencies for Part B would only be included in the course outlines of those courses are included in the FSW Catalog as a General Education Core Course. If this is not a core course, then outline letter C would become B.

C. Other Course Objectives/Standards

Section II (must complete each item below)

<p>Should any major restrictions be listed on this course? If so, select "change" and list the appropriate major restriction codes or select no change.</p>	<p>Choose an item. List applicable major restriction codes</p>
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Change course to an "International or Diversity Focus" course?	No, not International or Diversity Focus
Change course to a General Education course?	No
Change course from General Education to non-General Education?	No
Change course to a Writing Intensive course?	No
Change course from Writing Intensive to non-Writing intensive?	No
Change course to repeatable? (A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3 credit hour course can be repeated 1 time and a student can earn a maximum of 6 credits). *Not the same as Multiple Attempts or Grade Forgiveness	No if repeatable list maximum number of credits

Impact of Change of Course Proposal	
Will this change of course proposal impact other courses, programs, departments, or budgets?	No
If the answer to the question above is "yes", list the impact on other courses, programs, or budgets?	List impacts here
Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.	
Biology faculty who currently teach BSC1005 or plan to teach the course in the future met over the summer to update the course description, topic outline, and learning outcomes to coincide with the change from the "C" course structure to a separate lecture/lab structure.	

Section III, Justification for proposal

Provide justification (below) for each change on this proposed curriculum action.
Faculty realized that after the last year's split from the combined BSC1005C into two separate courses, BSC1005 and BSC1005L, the course description, topic outline, and learning outcomes had not been part of the change. Our goals are to change the description, outline, and learning outcomes to coincide with the newly separated courses, and to ensure consistency throughout the College in teaching this course.

Section IV, Important Dates and Endorsements Required

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).

Peggy Romeo
 Mary Shaw
 Vera Verga
 Jessica Slisher
 Carol Kennedy
 Judy Robinson
 Marcela Trevino
 Lisa Herman
 Erik Fay

NOTE: Course and Program changes must be submitted by the dates listed on the published Curriculum Committee Calendar. Exceptions to the published submission deadlines must receive prior approval from the Provost's Office.

Term in which approved action will take place	Exception (Requires approval before submission to the Curriculum Committee)
Provide an explanation below for the requested exception to the effective date.	
We choose action to take place Fall 2017 Curriculum Committee meeting so that the changes will apply for the Spring 2018 semester.	

Any exceptions to the term start date requires the signatures of the Academic Dean or Associate Vice President and the Provost prior to submission to the Dropbox.

Dean or Associate Vice President	Signature Mal McClint	Date 8/24/17
Dr. Martin McClinton		
Provost	Signature Jeff Stewart	Date 8/31/17
Dr. Jeff Stewart		

Required Endorsements	Type in Name	Select Date
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Department Chair or Program Coordinator/Director	Peggy Romeo <i>Peggy Romeo</i>	8/25/2017
Academic Dean or Associate Vice President	Martin McClinton <i>Martin McClinton</i>	8/25/2017

All Curriculum proposals require approval of the Curriculum Committee and the Provost. Final approval or denial of a proposal is reflected on the completed and signed proposal.

Approve Do not approve

Mary R. Reyes

Curriculum Committee Chair Signature

10/9/17

Date

Approve Do not approve

Jeff Stewart

Provost Signature

10/16/17

Date