

Curriculum Committee



New Course Proposal

School or Division	School of Pure and Applied Sciences
Program or Certificate	Science Core Gen Ed
Proposed by (faculty only)	Mary Shaw, Dan McDevit, Peggy Romeo, Tina Ottman
Presenter (faculty only)	Mary Shaw
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 must be submitted for a later date.	
Submission date	2/10/2017
Course prefix, number, and title	BSC1005L GENERAL BIOLOGY LAB

Section I, New Course Information (must complete all items)

List course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D").	SB 1720 Testing Exemption or successful completion of all developmental courses
Provide justification for the proposed prerequisite(s).	Same as the BSC1005 lecture course
Will students be taking any of the prerequisites listed for this course in different parts of the same term (ex. Term A and Term B)?	No
List course co-requisites.	BSC1005
Provide justification for the proposed co-requisite(s).	This lab is an optional component to the BSC1005 lecture course that will allow those students who desire obtain their AA degree lab science requirement.
Is any co-requisite for this course listed as a co-requisite on its paired course? (Ex. CHM 2032 is a co-requisite for CHM 2032L, and CHM 2032L is a co-requisite for CHM 2032)	No Note: students can take BSC1005 lecture without the lab, but cannot take the lab without the lecture; students should be able to take the lab if they have already passed the lecture.
Course credits or clock hours	1 credit
Contact hours (faculty load)	2 contact hours

Select grade mode	Standard Grading (A, B, C, D, F)
Credit type	College Credit
Course description (provide below)	
This laboratory course, which accompanies BSC1005, introduces basic concepts in biology through laboratory experimentation. Hands-on exercises are used to explore topics introduced in BSC1005 including biochemistry, cell biology, genetics, evolution and ecology. The scientific method, proper laboratory techniques and scientific data interpretation will be stressed.	

General topic outline (type in outline below)
<ul style="list-style-type: none"> • Components of the scientific method • Designing an experiment • Data management and interpretation • Basic biological laboratory techniques • Scientific graphing

Learning Outcomes: For information purposes only.

<p>IV. Course Competencies, Learning Outcomes and Objectives</p> <p>A. General Education Competencies and Course Outcomes</p> <p>1. Integral <i>General Education Competency or competencies:</i> Evaluate:</p> <ul style="list-style-type: none"> • Demonstrate the use of the scientific method to answer a scientific problem • Analyze, graph, and interpret scientific data • Properly use basic biological laboratory techniques and equipment such as microscopes, spectrophotometers, analytical balances and volumetric pipette delivery systems. <p>2. Supplemental <i>General Education Competency or competencies:</i></p> <p>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 ...</p>

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

Copy and Paste the SCNS Course Profile below (http://scns.fldoe.org/scns/public/pb_index.jsp).

Profile Description	ELEMENTARY GENERAL BIOLOGY INVOLVING CELLS, ORGANISMS, GENETICS, EVOLUTION, ECOLOGY, AND BEHAVIOR.
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ICS code for this course	ADVANCED AND PROFESSIONAL - 1.11.04 - BIOLOGICAL SCIENCE
Should any major restriction(s) be listed on this course? If so, select "yes" and list the appropriate major restriction code(s) or select "no".	No
Is the course an "International or Diversity Focus" course?	No, not International or Diversity Focus
Is the course a General Education course?	Yes
Is the course a Writing Intensive course?	No
Is the course 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
Do you expect to offer this course three times or less (experimental)?	No

Impact of Course Proposal	
Will this new course proposal impact other courses, programs, departments, or budgets?	Yes

<p>If the answer to the question above is “yes”, list the impact on other courses, programs, or budgets?</p>	<p>The separate lab will generate 1 credit of revenue, but pay 2 contact hours of load. However, the lecture class will be able to accommodate 35 students rather than the current 28 students.</p>
<p>Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.</p>	
<p>No</p>	

Section II, Justification for proposal

<p>Provide justification (below) for this proposed curriculum action.</p>
<p>According to Carnegie definition, a C course has a minimum of 2 contact hours of in-class lab work for 1 each credit of lab. BSC1005C currently a C course and the faculty recommend splitting the lecture component from the lab component, making the lab optional. This will allow flexibility for students who need 2 science classes but only one lab as part of their AA degree.</p>

Section III, Important Dates and Endorsements Required

<p>List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).</p>
<p>Dan McDevit, Tina Ottman, Vera Verga, Peggy Romeo, Melanie Ulrich, Michael Witty, Marcela Trevino, William Wilcox, Erik Fay, Henry Hermann, Lyman O’Neal, Mary Shaw</p>

Approve

Do not approve

GPP Stewart
Provost Signature

3/15/11

Date