Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

(Check one)		Department Name	Biological Sciences
	New Course (Parts II, IV)	College	Arts and Sciences
X	Course Revision (Parts II, IV)	*Course Prefix & Number	BIO 531S
	Hybrid Course ("S," "W")	*Course Title	Principles of Molecular Biology I
	New Minor (Part III)	*Program Title	
	Program Suspension (Part III)		
	Program Revision (Part III)	*Provide only the information relevant to the proposal.	If Certificate, indicate Long-Term (University) or Short-Term (Departmental)

Proposal Approved by:	Date		Date
Departmental Committee	09-04-2013	Council on Academic Affairs	10/17/2013
College Curriculum Committee	09-16-2013	Faculty Senate**	NA
General Education Committee*	NA	Board of Regents**	NA
Teacher Education Committee*	NA	EFFECTIVE ACADEMIC TERM***	Fall 2014
Graduate Council*	10-04-2013		

*If Applicable (Type NA if not applicable.)
**Approval needed for program revisions or suspensions.
***To be added by the Registrar's Office after all approval is received.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: Increase the number of credit hours for ABC 100 from 1 to 2.)

Change catalog description: update prerequisites and course description.

A. 2. Proposed Effective Academic Term: (Example: Fall 2012)

Fall 2014

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

Change prerequisites to better reflect modern molecular biology, as well as update prerequisite course numbers. The course description has also been updated to reflect the current molecular biology course.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: None.

Operating Expenses Impact: None.

Equipment/Physical Facility Needs: None.

Library Resources: None.

Part II. Recording Data for New, Revised, or Dropped Course

(For a **new required course,** complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using ~~strikethrough~~ for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use ~~strikethrough~~ for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

BIO 531S Principles of Molecular Biology I (4) A. Prerequisites: ~~BIO 315~~ BIO 320 or 331, and CHE 361~~, and 366; or instructor approval~~. An in-depth study of the structure, function, and ~~biochemistry~~ technological applications of nucleic acids and proteins enhanced with a service-learning component. Laboratory experiences will involve manipulation of DNA and ~~protein~~ RNA molecules for the purpose of isolation, genetic engineering, forensics, and gene expression analysis ~~purification, structural modification~~. Credit will not be awarded for both BIO 531S and 531. 2 Lec/4 Lab.

Part IV. Recording Data for New or Revised Course (Record only **new or changed** course information.)

Course prefix (3 letters)	Course Number (3 Digits)	Effective Academic Term (Example: Fall 2012)	College/Division:	Dept. (4 letters)*
BIO	531S	Fall 2014	AS X HS BT JS ED UP	BIOS

Credit Hrs.	Weekly Contact Hrs.	Repeatable Maximum No. of Hrs.
	Lecture Laboratory Other	Cip Code (first two digits only)

Schedule Type* (List all applicable)	Work Load (for each schedule type)	Grading Mode*	Class Restriction, if any: (undergraduate only)
			FR JR SO SR
		Grading Information: Course is eligible for IP (in-progress grading) for: Check all applicable	
		Thesis	
		Internship	
		Independent Study	
		Practicum	

CoRequisites and Prerequisites ****See definitions on following page****

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)	
Course Prefix and No.	
Course Prefix and No.	
Prerequisite(s): (List prerequisites only. List combinations below. Use **"and"** and **"or"** literally.) (Specific minimum grade requirements should be placed in ( ) following courses. Default grade is D-.)	
Course Prefix and No.	~~BIO 315~~ BIO 320 or 331, and CHE 361~~, and 366; or instructor approval~~.
Course Prefix and No.	
Test Scores	
Minimum GPA (when a course grouping or student cumulative GPA is required)	
Co-requisite(s) and/or Prerequisite(s) Combination (Use **"and"** and **"or"** literally.) (Specific minimum grade requirements should be placed in ( ) following courses. Default grade is D-.)	
Course Prefix and No.	
Test Scores	
Minimum GPA (when a course grouping or student cumulative GPA is required)	
Equivalent Course(s): (credit will not be awarded for both…; or formerly…)	
Course Prefix and No.	
Course Prefix and No.	
Course Prefix and No.	

Proposed General Education Element: Please mark (**X**) in the appropriate Element or Elements (e.g. – 4B(3) **X**).

Element 1 (9)	Element 2 (3)	Element 3 (6)	Element 4 (6)	Element 5 (6)	Element 6 (6)
1A (3)	2 (3)	3A (3)	4A (3)	5A (3)	6 (6)
1B (3)		3B (3)	4B (3)	5B (3)	
1C (3)		*or* 3A/B Integrated A&H(6)	*or* 4A/B Integrated Sciences(6)		