

**Curriculum Change Form**  
**(Present only one proposed curriculum change per form)**  
**(Complete only the section(s) applicable.)**

**Part I**

<input type="checkbox"/> (Check one) New Course (Parts II, IV)	Department Name	Biological Sciences	
<input type="checkbox"/> Course Revision (Parts II, IV)	College	Arts and Sciences	
<input checked="" type="checkbox"/> Hybrid Course ("S," "W")	*Course Prefix & Number	BIO 731	
<input type="checkbox"/> New Minor (Part III)	*Course Title	Principles of Molecular Biology I	
<input type="checkbox"/> Program Suspension (Part III)	*Program Title		
<input type="checkbox"/> Program Revision (Part III)	*Provide only the information relevant to the proposal.	If Certificate, indicate Long-Term (University) or Short-Term (Departmental)	

  

	<u>Date</u>		<u>Date</u>
Proposal Approved by: Departmental Committee	09-04-2013	Council on Academic Affairs	15/17/2013
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)

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**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.

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**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 ~~striethrough~~ for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised\* Catalog Text

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

**BIO 731 Principles of Molecular Biology I (4) A.** ~~Prerequisites: BIO 315 or departmental approval.~~ An in-depth study of the structure, function, and ~~biochemistry~~ technological applications of nucleic acids and proteins. Laboratory experiences will involve ~~the~~ manipulation of DNA and ~~protein~~ RNA molecules for the purpose of isolation, genetic engineering, forensics, and gene expression analysis ~~purification, structural modification.~~ ~~2 Lec/4 Lab.~~ Credit will not be awarded for both BIO 731 and 731S. 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	731	Fall 2014	AS <input checked="" type="checkbox"/> 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: <u>Check all applicable</u>		
		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.	<del>BIO 315</del> or departmental 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)		