

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

**Part I**

|  |   |  |  |
|--|---|--|--|
| <input type="checkbox"/> (Check one)                               | Department Name   | Biological Sciences  |  |
| <input type="checkbox"/> New Course (Parts II, IV)                 | College   | Arts and Sciences  |  |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number                                 | BIO 731S   |  |
| <input type="checkbox"/> Hybrid Course ("S," "W")                  | *Course Title   | Principles of Molecular Biology I  |  |
| <input type="checkbox"/> New Minor (Part III)                      | *Program Title  |  |  |
| <input type="checkbox"/> Program Suspension (Part III)             |   |  |  |
| <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:<br>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)

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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 731S Principles of Molecular Biology I (4) A.** An in-depth study of the structure, function, and technological applications of nucleic acids and proteins enhanced with a service-learning component. Laboratory experiences will involve manipulation of DNA and RNA molecules for the purpose of isolation, genetic engineering, forensics, and gene expression. Credit will not be awarded for both BIO 731S and 731.

2 Lec/4 Lab.

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

|   |  |   |  |                    |
|---|--|---|--|--------------------|
| Course prefix<br>(3 letters)            | Course Number<br>(3 Digits)                | Effective Academic Term<br>(Example: Fall 2012)   | College/Division:  | Dept. (4 letters)* |
| BIO                                     | 731S                                       | Fall 2014   | AS <input checked="" type="checkbox"/> HS <input type="checkbox"/><br>BT <input type="checkbox"/> JS <input type="checkbox"/><br>ED <input type="checkbox"/> UP <input type="checkbox"/> | BIOS               |
| Credit Hrs.                             | Weekly Contact Hrs.                        |   | Repeatable Maximum No. of Hrs. _____   |                    |
|   | Lecture _____ Laboratory _____ Other _____ |   | Cip Code (first two digits only)   |                    |
| Schedule Type*<br>(List all applicable) | Work Load<br>(for each schedule type)      | Grading Mode*   | Class Restriction, if any: (undergraduate only)  |                    |
|   |  |   | FR _____ JR _____<br>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. \_\_\_\_\_

~~BIO 315~~ 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<br>Integrated A&H(6) | or 4A/B<br>Integrated Sciences(6) |               |               |

