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|  Course Prefix / Number: | **BIOL 4300** | Course Title: | **Molecular Biology** |
| Date Submitted:  | **3/26/2013** | Effective Semester: | **Fall 2013**  |
| Course Change:  | **Modification** | Specify Modification:  | **Prerequisite change Remove BIOL 2030 and CHEM 3510Replace with BIOL 3450 or 3550** (Grade of C or higher)**; CHEM 3510 (Recommended)Change DescriptionAdd BIOL 4305 as corequisite** |

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| Credit(s): 2 | Workload Factors:2 | Grade Type:Reg | Instructor Permission Required:☐Yes X No  | Repeatable for Credit: ☐Yes X No  | Maximum Repeat Credits: Enter |
| GE Status Requested: ☐ Yes X No  | GE Area: Choose GE GE Area: Choose GE |
| Prerequisite(s): BIOL 3450 or 3550 (Grade C or higher) | Grade: C | Corequisite(s): BIOL 4305  |
| Course/Lab Fee:$  | Index Code: | Fee Justification: Enter  | Instruction Index Code:NAT201 |

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| Catalog Description: | Fulfills program elective for students pursuing a Bachelor of Science in Biology degree. Explores current advancements in molecular biology and genetics, investigating their applications by reviewing selected works from the current scientific literature. Recommended prerequisite: CHEM 3510. Prerequisite: BIOL 3450 OR BIOL 3550 (Grade C or higher). Corequisite: BIOL 4305. FA | Course Rotation:  | FA |

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| Hours/Week: 2 | Instruction Type:LEC - Lecture | Hours/Week:   | Instruction Type:  | Hours/Week: Enter | Instruction Type:Select |

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| Justification for course/change: | Numbering changes within Biology program mandate prerequisite changes in many BIOL courses. |

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| Library Resources Adequate:X Yes ☐No  | Enter |
| Tech Resources Adequate:X Yes ☐No  | Enter |

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| Comparable Courses |
| Institution | Prefix/Number | Credit(s) | Course Title |
| Enter | Enter | Enter | Enter |
| Enter | Enter | Enter | Enter |
| Enter | Enter | Enter | Enter |

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| Submitted by Department Chair: | David Jones | Technical Review: | Enter | GE approval: | NA |
| Dean’s approval date: | 3/26/13 | Dean/Associate Dean: | Victor Hasfurther, Dean |
| Curriculum approval: | Enter |  |  |

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| Technical Review Notes: | Enter |