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| **Oregon Department of Community Colleges  and Workforce Development** | Office of Educational Improvement & Innovation |
| 255 Capitol Street NE  Salem, OR 97310-0203 | Phone: (503) 378-3600  FAX: (503) 378-5156 |

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| Community Colleges & Workforce Development Logo | **COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM** |

**This form should be completed electronically and the boxes will expand to accommodate text.**

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| **College:** | **Clackamas Community College** | **Date** | **2/9/2018** |

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| Career Learning Area | |
| 🞏 Ag, Food & Natural Resource Systems | **🞏 Health Services** |
| **🞏 Arts, Information & Communications** | **🞏 Human Resources** |
| **🞏 Business & Management** | **🞏 Industrial & Engineering Systems** |

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| Program Information | | | | | |
| *APPROVED*Program Title | ***APPROVED* CIP Code (Include 7th & 8th digits used for OCCURS reporting.)** | | | *APPROVED*Recognition Award | *Current*Credits |
| ***6-digit CIP*** | *7th digit* | *8th digit* |
| **AS Area of Emphasis Title:**  **Biology** |  |  |  | **Associate of Applied Science Area of Emphasis** | **91-92** |
| **Partnering Institution Name**  **University of Oregon** |  |  |  |  |  |

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| TYPE OF PROGRAM AMENDMENT(Check ALL That Apply) | | | |
| 🞏 **New Agreement** | 🞏 **Curriculum Revision** | 🞏 **Revision in Program Credits** | |
| ***Proposed* Total Credits:** | **92** |
| 🞏 ***SUSPENSION* of Program** | *Reason for Suspension:* | | |
| **Suspension Effective Date:** |  |  | |

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| **CURRICULUM AMENDMENT** [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.  For a New Program, complete the Proposed Curriculum section only.] | | | | | | | | | | | |
| *CURRENT CURRICULUM 2017-18* [List entire curriculum as last approved) | | | | | | PROPOSED CURRICULUM 2018-19 [List only course(s) to be amended] | | | | | |
| Course Number | Course Title | | ClockHours | **Credits** | | Course Number | | **Course Title** | | Clock **Hours** | **Credits** |
| Program Requirements – First Year | | | | | | | | | | | |
| Fall Term | | | | | | | | | | | |
| BI-211 | General Biology for Science Majors (Cellular Biology) | | 77 | 5 | |  | |  | |  |  |
| CH-221 | General Chemistry | | 77 | 5 | |  | |  | |  |  |
| WR-121 | English Composition | | 44 | 4 | |  | |  | |  |  |
| Winter Term | | | | | | | | | | | |
| BI-212 | General Biology for Science Majors (Animal Biology) | | 77 | 5 | |  | |  | |  |  |
| CH-222 | General Chemistry | | 77 | 5 | |  | |  | |  |  |
| WR-122 or  WR-123 | English Composition  English Composition | | 33-44 | 3-4 | | WR-122 | | English Composition | | 44 | 4 |
| Spring Term | | | | | | | | | | | |
| BI-213 | General Biology for Science Majors (Plant Biology & Ecology) | | 77 | 5 | |  | |  | |  |  |
| CH-223 | General Chemistry | | 77 | 5 | |  | |  | |  |  |
| CS-120 or  MTH-243 | Survey of Computing  Statistics I (recommended) | | 44-55 | 4 | |  | |  | |  |  |
| -- | Core electives | |  | 4 | |  | |  | |  |  |
| Program Requirements – Second Year | | | | | | | | | | | |
| Fall Term | | | | | | | | | | | |
| CH-241 | Organic Chemistry I | | 77 | 5 | |  | |  | |  |  |
| MTH-251 | Calculus I | | 55 | 5 | |  | |  | |  |  |
| PH-201 | General Physics | | 70 | 5 | |  | |  | |  |  |
| -- | Core electives | |  | 3 | |  | |  | |  |  |
| Winter Term | | | | | | | | | | | |
| CH-242 | Organic Chemistry II | | 77 | 5 | |  | |  | |  |  |
| MTH-252 | Calculus II | | 55 | 5 | |  | |  | |  |  |
| PH-202 | General Physics | | 70 | 5 | |  | |  | |  |  |
| Spring Term | | | | | | | | | | | |
| CH-243 | Organic Chemistry III | | 77 | 5 | |  | |  | |  |  |
| PH-203 | General Physics | | 70 | 5 | |  | |  | |  |  |
| -- | Core electives | |  | 3 | |  | |  | |  |  |
| Core Electives | | | | | | | | | | | |
| Any General Education course in the respective distribution areas of Arts & Letters or Social Sciences listed on p. 50 of this catalog. | | | | | |  | |  | |  |  |
| **TOTAL *CURRENT* CREDITS:** | | | | 92 | | **TOTAL *PROPOSED* CREDITS:** | | | | |  |
| College Contact | | Eden Francis | | | | | **Telephone No.** | | X3352 | | |
| E-Mail Address | | [edenf@clackamas.edu](mailto:edenf@clackamas.edu) | | | | | **Fax No.** | |  | | |
| **Chief Academic Officer *or* CTE Dean Signature** | | | | |  | | | | **Date** | **2/9/18** | |