

Advisor \_\_\_\_\_  
Assigned By \_\_\_\_\_



Name \_\_\_\_\_  
Date \_\_\_\_\_

# 2018-2019 EDUCATIONAL PLAN

## Associate in Biology

### Direct Transfer Agreement/Major Related Program

Course Placement Recommendations: English \_\_\_\_\_ Reading \_\_\_\_\_ Math \_\_\_\_\_

- ENGL 098       READ 099       MATH 095       MATH 098  
 ENGL 099       MATH 096       MATH 099

Recommended course schedule

Fall Quarter, First Year Credits

ENGL& 101	English Composition I (C)	5
CHEM& 161	General Chemistry w/Lab (NS)	6
MATH& 141	Pre-Calculus I (M)	OR
Humanities Distribution (H)*		5
		<u>16</u>

Winter Quarter, First Year Credits

CHEM& 162	General Chemistry w/Lab II (NS)	6
ENGL& 102	Composition II (C)	OR
ENGL& 235	Technical Writing (C)	5
MATH& 142	Pre-Calculus II (M)	OR
Social Science Distribution (SS)*		5
		<u>16</u>

Spring Quarter, First Year Credits

CHEM& 163	General Chem w/Lab III (NS)	6
MATH& 151	Calculus I (M)	5
Humanities Distribution (H)***		5
		<u>16</u>

Fall Quarter, Second Year Credits

BIOL& 221	Majors Ecology/Evolution (NS)	5
Humanities Distribution (H)***		5
Elective** or Social Science Distribution (SS)*		5
		<u>15</u>

Winter Quarter, Second Year Credits

BIOL& 222	Majors Cell/Molecular (NS)	5
Social Science Distribution (SS)***		5
Elective** or Humanities Distribution (H)*		5
Health & Fitness Distribution (HF)		3
		<u>18</u>

Spring Quarter, Second Year Credits

BIOL& 223	Majors Organismal Phys (NS)	5
Social Science Distribution (SS)***		5
Elective		5
		<u>15</u>

\*Students requiring Pre-Calculus I (MATH& 141) or Pre-Calculus II (MATH& 142) should complete these now. These students would use one of the 2nd year electives for a 3rd Social Science course and another 2nd year elective for a 3rd Humanities course. Students who do not need Pre-Calculus I or II should satisfy Social Science and Humanities electives.

\*\*Recommended electives include a full year sequence of organic chemistry or additional math classes, such as statistics or additional calculus.

\*\*\*Students are required to complete 3-5 credits in a Diversity course (D). Courses that satisfy the Diversity Requirement can be found in the college catalog.

QTR/YR \_\_\_\_\_ CREDITS \_\_\_\_\_

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QTR/YR \_\_\_\_\_ CREDITS \_\_\_\_\_

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QTR/YR \_\_\_\_\_ CREDITS \_\_\_\_\_

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**EMPHASIS:**     Biology  
                  Botany  
                  Zoology  
                  Ecology

**DEGREE:**       Associate in Biology

**Purpose:**

This program is for students who wish to complete a bachelor's degree in such disciplines as general or molecular biology, microbiology, zoology, genetics, entomology, botany, horticulture, soil science, phycology, ecology, marine biology, fisheries biology, or wildlife management.

This program assumes that a student is prepared to start college-level math and English courses. Students who are not prepared to begin at this level may require additional quarters.

To ensure optimal course selection, plan your program of study with your advisor and with the specific requirements of your likely transfer institution.

**Program Outcomes:**

Please refer to the Distribution Requirements and their criteria listed in the Centralia College catalog.

**Learning Themes:**

General education outcomes at Centralia College help students, faculty, and the general public identify learning expected when a student has completed a degree or program. The administration, faculty, and staff have agreed upon the following five Learning Themes which students can expect to encounter in their courses by the completion of any degree.

**Reasoning:**

The ability to extract information from data, develop ideas and solutions, establish logical progression in thinking, and problem solve using such procedures as literary analysis or the scientific methods.

**Written, Oral and Visual Communication:**

The ability to make oneself understood in public, interpersonal, professional, artistic, and technical arenas.

**Exploration-Self and Others:**

An awareness of the values, beliefs, customs, and contributions of persons from one's own and other traditions, ethnicities, classes, and genders.

**Resourcefulness:**

The ability to adapt to change, such as technological innovations or environmental conditions.

**Responsibility:**

The ability to be accountable to self, society, and the natural world.

**Centralia College has direct AA-degree transfer agreements with the following colleges:**

Bastyr University - Central Washington University - City University - Cornish College of the Arts - Eastern Washington University - Gonzaga University - Heritage University - Northwest University - Pacific Lutheran University - Saint Martin's University - Seattle Pacific University - Seattle University - The Evergreen State College - Trinity Lutheran College - University of Washington - Washington State University - Western Washington University - Whitworth College

**Estimated Quarterly Program Costs (subject to change without notice)**

Resident Tuition (15 credits) and fixed fees*:	\$1427
US Citizen Nonresident Tuition (15 credits) and fixed fees*:	\$1576
Non US Citizen Nonresident Tuition (15 credits) and fixed fees*	\$3381
*Tuition is subject to change due to State Legislative actions	
Books and supplies (estimate):	\$427
Lab fees:	Refer to quarterly class schedule.

*Centralia College does not discriminate against any person on the basis of race, color, national origin, disability, sex, genetic information, or age in admission, treatment, or participation in its programs, services and activities, or in employment. All inquiries regarding compliance with access, equal opportunity and/or grievance procedures should be directed to the Centralia College Vice President of Human Resources and Legal Affairs, 600 Centralia College Blvd., Centralia, WA 98531.*