

Advisor _____
 Assigned By _____



Name _____
 Date _____

2018-2019 EDUCATIONAL PLAN

Associate in Science Environmental Science

Course Placement Recommendations: English _____ Reading _____ Math _____

- ENGL 098 READ 099 MATH 095 MATH 098 MATH& 141
 ENGL 099 MATH 096 MATH 099 MATH& 142

Recommended course schedule

Fall Quarter, First Year Credits

CHEM& 161	General Chem w/lab I (NS)	6
ENGL& 101	English Composition I (C)	5
ENVS& 100	Survey of Env Science (NS)	5
		16

Winter Quarter, First Year Credits

CHEM& 162	General Chem w/lab II (NS)	6
GEO& 101	Intro Physical Geology (NS)	5
MATH& 142	Pre-Calculus II (M)	5
		16

Spring Quarter, First Year Credits

CHEM& 163	General Chem w/lab III (NS)	6
ECON& 201	Microeconomics (SS)	5
MATH& 151	Calculus I (M)	5
		16

Fall Quarter, Second Year Credits

BIOL& 221	Majors Ecology/Evolution (NS)	5
MATH& 152	Calculus II (M)	5
PHYS& 221	Engineering Physics I (NS)	5
		15

Winter Quarter, Second Year Credits

BIOL& 222	Majors Cell/Molecular (NS)	5
MATH& 146	Introduction to Stats (M)	OR
MATH& 163	Calculus III	5
CMST& 220	Public Speaking (H)	5
		15

Spring Quarter, Second Year Credits

BIOL& 223	Majors Organismal Phys (NS)	5
HLTH 130	Health & Wellness (HF)	3
Humanities Distribution (H) (D)		OR
Social Science Distribution (SS) (D)		5
		13

Note:

Check for specific prerequisites for transfer institutions, particularly natural science and foreign language requirements.

QTR/YR _____ CREDITS _____

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NAME

EMPHASIS: Environmental Science

DEGREE: Associate in Science (AS-T #1)

Purpose:

The AS degree with an emphasis in Environmental Science is intended for students who plan a career as a scientist or technician in an environmental field such as conservation biology, environmental chemistry, environmental geology, energy resources, environmental planning, agro ecology or atmospheric sciences.

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.

Note: Students who plan on transferring to the University of Washington will also need to take one full-year of a foreign language if they have not studied that language for the required amount of time in high school. Also, students going to the University of Washington may wish to take at least one five-credit designated writing course.

The Associate in Science degree represents attainments generally required by four-year colleges and universities for pre-professional programs in scientific disciplines. The need for early concentration on coursework in the chosen scientific major diminishes the general educational experience demonstrated by the Associate in Arts degree. By working with an advisor in the completion of one of the two Associate in Science tracks, you can transfer to one of the Washington State baccalaureate institutions with reasonable assurance that you have completed all or most of the prerequisite courses for the targeted science major.

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

Central Washington University – Eastern Washington University – Gonzaga University – Pacific Lutheran University – Seattle Pacific University – Seattle University – The Evergreen State 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.