

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



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

# 2018-2019 EDUCATIONAL PLAN

## Associate in Science Pre-Medicine/Pre-Dentistry

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

BIOL&	221	Majors Ecology/Evolution (NS)	OR
PHYS&	221	Engineering Physics I (NS)	5
CHEM&	161	General Chem w/lab I (NS)	6
ENGL&	101	English Composition I (C)	5
			16

Winter Quarter, First Year Credits

BIOL&	222	Majors Cell/Molecular (NS)	OR
PHYS&	222	Engineering Physics II (NS)	5
CHEM&	162	General Chem w/lab II (NS)	6
MATH&	151	Calculus I (M)	5
			16

Spring Quarter, First Year Credits

BIOL&	223	Majors Organismal (NS)	OR
PHYS&	223	Engineering Physics III (NS)	5
CHEM&	163	General Chem w/lab III (NS)	6
MATH&	152	Calculus II (M)	5
			16

Fall Quarter, Second Year Credits

Biology/Chemistry/Physics sequence***			5 or 6
PSYC&	100	General Psychology (SS)*	5
HUM	110	Ethics and Cultural Values (H)(D)	5
			15-16

Winter Quarter, Second Year Credits

Biology/Chemistry/Physics sequence***			5 or 6
MATH&	146	Introduction to Statistics (M)	OR
MATH&	163	Calculus III	5
CMST&	220	Public Speaking (H)	5
			15-16

Spring Quarter, Second Year Credits

Biology/Chemistry/Physics sequence***			5 or 6
SOC&	101	Intro to Sociology (SS)	5
Health & Fitness Distribution (HF)			3
			13-14

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

Science electives:

BIOL& 221, 222, 223: Majors; BIOL& 241, 242, 243: Human A&P w/lab I-III; BIOL& 260: Microbiology; CHEM& 261, 262, 263: Organic Chemistry w/lab I-III; PHYS& 221, 222, 223: Engineering Physics I-III.

\*\*\*Some baccalaureate institutions require physics with calculus

\*\*\*Biology majors should select Organic Chemistry or Physics for second year sequence

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

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**EMPHASIS:** Pre-Medicine  
Pre-Dentistry  
**DEGREE:** Associate in Science

**Purpose:**

The Pre-Medicine, Pre-Dentistry program is intended for person who wish to prepare for a career in a medical profession. Medical schools do not give higher priority to a given major field of study when selecting candidates. You are therefore encouraged to formulate a program of study which is scholastically challenging and which can be the basis for a future career or for graduate study in the event you are not admitted to a medical school. The program outlined below provides a solid foundation in the natural and physical sciences. If you complete this program of study, you are reasonably assured of being able to transfer with junior standing to most four-year colleges and universities in Washington State. You are urged to consult with your advisor as you plan your curriculum and select electives. This will allow your advisor to coordinate your program with the requirements of your intended major at the institution to which you expect to transfer.

**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.

**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.*