

## EWU PRE -WILDLIFE BIOLOGY BS OPTION (2020-21) scc - CShaffer

<https://www2.ewu.edu/cstem/departments/biology/undergraduate-biology-degrees/career-track-advising-suggestions>

Name \_\_\_\_\_ SID \_\_\_\_\_ Date \_\_\_\_\_ Counselor \_\_\_\_\_

*With careful planning and coordination with your college Counselor, the completion of your Associate in Arts, AA-DTA, allows you to pursue your Bachelor's Degree at a four-year college or university, having completed most if not all of the general university requirements, along with many courses toward your major.*

### First Quarter

**ENGL& 101** - English Composition I 5cr (COMMUNICATION)

GUID 102 - Strategies for Success 3cr (ELECTIVE)

**BIOL& 222** – Majors Cell/Molecular with Lab 5cr (MATH/SCIENCE)

\*HLTH 101 - Health and Wellness 3cr (or other: HLTH 174/104/270) (HEALTH)

### Second Quarter

ENGL& 102- English Composition II or CMST&101 Intro to Communications 5cr (COMMUNICATION)

**BIOL& 223** – Majors Organismal Physiology with Lab 5cr (ELECTIVE)

MATH 96 – Intro to Algebra I 5cr (if needed, based on placement) (Students who place into MATH& 142, will not need lower level math courses)

### Third Quarter

MATH 99 – Intermediate Algebra 5cr (if needed, based on placement) (linked with MATH&141)

**MATH& 141** – Pre-Calculus I 5cr (QUANTITATIVE/SYMBOLIC REASONING - Q/SR)

**BIOL& 221** – Majors Ecology/Evolution with Lab 5cr (ELECTIVE)

### Fourth Quarter (Summer)

ENVS 207 – Wildlife Biology 5cr (ELECTIVE) (or another 3-5cr elective instead)

CMST 227 - Intercultural Communication or CMST 226 or HUM 107 5cr (HUMANITIES- **DIVERSITY**)

### Fifth Quarter

**MATH& 142** 5cr Pre-Calculus II (prep for Calc) (MATH/SCIENCE)

**CHEM& 161** – General Chemistry with Lab 5cr (MATH/SCIENCE) (**only offered Fall**)

\*PHIL 110 - Intro to Ethics 5cr (or other HUMANITIES) (choose a **Writing Intensive “W”** course section)

### Sixth Quarter

**CHEM& 162** – General Chemistry with Lab II 5cr (ELECTIVE) (**only offered Winter**)

\*POLS 125 – Global Issues, or POLS& 203 or HIST 230 5cr (SOCIAL SCIENCE Group B/**EWU Global Studies**)

\*SOC& 101 – Intro to Sociology 5cr (or other SOCIAL SCIENCE Group A or B)

\*PE 188 2cr – (there are many Physical Ed classes you can choose from) (ACTIVITY)

### Seventh Quarter

**CHEM& 163** – General Chemistry with Lab III 5cr (ELECTIVE) (**only offered Spring**)

\*MUSC& 105 – Music Appreciation 5cr (or other Group B or C HUMANITIES)

\*PSYC& 100 – Intro to Psychology 5cr (SOCIAL SCIENCE)

(See page 2)

Student can choose **Associate in Biology-DTA**, if they plan to take MATH& 151 at SCC, and score above MATH 91.

Math Sequence: Math 91+92 or 96, 99 (then 108 - if student gets less than 3.0 in 99) College level course: Math& 141 and 146/142  
Students will need MATH 380 (prerequisite: MATH& 141) or MATH 161 (prerequisite: MATH& 142) at EWU.

Students will take BIOL332/333/334 [Anatomy/Physiology] at EWU

\*When non bolded examples are used, students may choose **ANY COURSE from that area of Associate in Arts- Direct Transfer Agreement - AA-DTA – WORKSHEET** in COMMUNICATION/QSR/HUMANITIES/SOCIAL SCIENCE/MATH SCIENCE/HEALTH PE /ELECTIVES.

5cr are required in **“W”** Writing Intensive. Always check to make sure the class section you select for a “W”, is listed “W”.

5cr are required in **“D”** Diversity. CMST 227 or 226 meets both SCC and EWU’s Diversity requirement.

POLS 125 meets EWU’s Global Studies requirement and SCC’s Social Science Group B option, as does POLS& 203 or HIST 230.

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**CHEM 161 at EWU - at SCC - CHEM& 121** – Intro to Chemistry with Lab 5cr (MATH/SCIENCE)

**CHEM 162 at EWU - at SCC - CHEM& 122** – Intro to Organic Chemistry 5cr (REQUIRED ELECTIVE)

**CHEM 163 at EWU – at SCC CHEM& 123** – Intro to Biochemistry 5cr (REQUIRED ELECTIVE)

**ENGL 101 at EWU – at SCC ENGL& 101 - English Composition I 5cr (COMMUNICATION)**

**ENGL 201 at EWU – at SCC ENGL& 102-** English Composition II 5cr (COMMUNICATION)

MATH 141 at EWU- at SCC MATH&141 – Pre-Calculus I 5cr (QUANTITATIVE/SYMBOLIC REASONING - Q/SR)

**MATH 142 at EWU – at SCC MATH& 142-** Pre-Calculus II 5cr (MATH/SCIENCE GROUP A)

**BIOL 171 at EWU - at SCC- BIOL& 222**– Majors Cell/Molecular with Lab 5cr (MATH/SCIENCE GROUP B)

**BIOL 172 at EWU - at SCC - BIOL& 221** – Majors Ecology/Evolution with Lab 5cr (MATH/SCIENCE GROUP C)

**BIOL 173 at EWU – at SCC BIOL& 223** – Majors Organismal Phys. with Lab 5cr (REQUIRED ELECTIVE)

PSYC 100 at EWU – at SCC PSYC&100 - Intro to Psychology 5cr (SOCIAL SCIENCE GROUP A)

CMST 340 at EWU – at SCC CMST 227 - Intercultural Communication 5cr (HUMANITIES- DIVERSITY)

**It is recommended the Biology and Chemistry series be completed at one institution to assure continuity of coursework.**

[WILDLIFE BIOLOGY AND CONSERVATION \(ewu.edu\)](http://ewu.edu)

GENERAL INFORMATION FROM EWU:

**Advisor: Dr. Margaret O’Connell 509.359.6812 [moconnell@ewu.edu](mailto:moconnell@ewu.edu)**

What do wildlife biologists do? Wildlife biologists work in a variety of jobs including research biologists, educators, law enforcement personnel, planners, impact analyzers, and supervisors or administrators. Wildlife biologists can work for a wide array of employers. Many wildlife biologists work for local, state, or federal agencies. State agencies include the Washington Department of Fish and Wildlife, Washington Department of Natural Resources, and Washington Department of Ecology. Federal agencies that hire wildlife biologists can be with the Department of Interior (U.S. Fish and Wildlife Service, Parks, Bureau of Land Management; Environmental Protection Agency), the Department of Agriculture (U.S. Forest Service; APHIS; Natural Resource Conservation Service), the Department of Commerce (Customs); the Department of Defense (Army Corps of Engineers, many military bases have wildlife biologists on their staff). Others wildlife biologist are employed in the private sector by local utility companies, forestry product companies, and private consulting firms. Many tribal organizations hire wildlife biologists. Different non government organizations (e.g., Audubon Society, Nature Conservancy, World Wildlife Fund) at the regional, national, and international levels hire wildlife biologists. Zoological parks can have research wildlife biologists on their staff.

CHOOSING A MAJOR:

Although Eastern Washington University does not have a degree in Wildlife Biology/Management, we do provide that courses that are required by the agencies or organizations that hire wildlife biologists. These agencies will look at the student’s coursework; the title of the degree is not the deciding factor. Students interested in Wildlife Biology career typically major in Biology or in Environmental Science with the Biology emphasis. The Biology degree affords a student somewhat more flexibility in selecting electives. If these electives are selected with close consultation with an advisor, the student can design a program that fulfills the basic requirements for employment with different agencies. The course program for the Environmental Sciences with Biology option includes many of these courses that would be recommended for a student and ensures that students receive exposure to a breadth of disciplines in environmental science (e.g., geology, chemistry).