

# FALL 2018 BIOLOGY UNDERGRADUATE COURSE REGISTRATION INFORMATION

Course	Instructor(s)	Pre-req(s)	Registration Restrictions
<b>BIOL 101:</b> Intro to Biology	Connell, G.	N/A	Registration is open to all students. No Labs first week.
<b>BIOL 110:</b> Marine Habitat Diversity	Arellano, S.	N/A	Registration is restricted to 1 <sup>st</sup> Year Students currently enrolled in the Marine Science Scholars Program (MSS). No Exceptions. This course is taught at Shannon Point Marine Center.
<b>BIOL 112:</b> Topics in Marine Science II	Arellano, S.	N/A	Registration is restricted to 2nd Year Students currently enrolled in the Marine Science Scholars Program (MSS). All other students may submit an override request to the instructor beginning in Phase II of registration.
<b>BIOL 204:</b> Intro to Evolution, Ecology & Biodiversity	Schwarz, C. Staff (TBD)	CHEM 161 (or concurrent)	Registration is open to all students who have successfully completed the pre-requisites. No labs first week.
<b>BIOL 205:</b> Intro to Cell & Molecular Biology	Pillitteri, L. Staff (TBD)	BIOL 204; CHEM 161 & 162 (or concurrent)	Registration is open to all students who have successfully completed the pre-requisites. No labs first week.
<b>BIOL 206:</b> Intro to Organismal Biology	Olson, B. Singh-Cundy, A.	BIOL 205; CHEM 162 & 163 (or concurrent)	Registration is open to all students who have successfully completed the pre-requisites. No labs first week.
<b>BIOL 300:</b> Independent Study	Faculty	Phase II Biology Major	An Independent Study form must be approved by both the instructor and the Biology Department Chair. (Form available from the Biology Department Office, BI 315)
<b>BIOL 321:</b> Genetics	Schulze, S. Young, J.	BIOL 206	Registration is restricted to Phase II biology, Phase II Biochem, Behavioral Neuroscience, and Secondary Ed. General Science Majors. Phase I majors will not be permitted to register.
<b>BIOL 322:</b> Genetics Lab	Pollard, D. Wang, A.	BIOL 321	Initially, registration is restricted to Molecular and Cell, Secondary Teaching, Secondary Ed. - General Science majors, and CHEM/BIOL – Secondary BAE. <u>Beginning on May 17 at 11:30am, General Biology, EEO, and Phase II Behavioral Neuroscience majors may register.</u>
<b>BIOL 323:</b> Cell & Molecular Biology	Leaf, D. Serrano-Moreno, J.	CHEM 351 & 352 (or concurrent) or CHEM 251	Registration is restricted to Phase II Biology, Phase II Biochem, Secondary Ed - General Science, CHEM/BIOL – Secondary BAE, and Phase II BNS majors.
<b>BIOL 324:</b> Methods in Molecular Biology Lab	Brodhagen, M. Dahlberg, C. Lee, S.	BIOL 321 or 323	Initially, registration is restricted to Secondary Teaching, Molecular and Cell Biology, Phase II Biochem majors and CHEM/BIOL – Secondary BAE. <u>On May 17 at 11:30am all other Phase II Biology majors may register.</u>
<b>BIOL 325:</b> Ecology	Staff (TBD)	BIOL 206	Registration is restricted to Phase II Biology majors, CHEM/BIOL – secondary BAE, and Secondary Ed - General Science majors. <u>Beginning on May 18 at 4:00pm, Phase II Behavioral Neuroscience majors may register.</u>
<b>BIOL 326:</b> Ecology Lab (WP3)	Staff (TBD)	BIOL 325 or ESCI 325 (or concurrent)	Initially, registration is restricted to General Biology, Marine, Secondary Teaching, EEO majors, Secondary Ed – General Science majors, and CHEM/BIOL – Secondary BAE. <u>On May 17 at 11:30am all other Phase II biology majors may register, and on May 18 at 4:00pm Environmental Science majors may register.</u>
<b>BIOL 340:</b> Biometrics	Zinkgraf, M.	BIOL 204, 205, & 206	Initially, registration is restricted to Phase II biology majors. <u>On May 18 at 4:00pm, Environmental Science majors may register.</u>

<b>BIOL 345:</b> Microbiology	Moyer, C.	BIOL 205; CHEM 351 or CHEM 251	Initially, registration is restricted to Molecular and Cell Biology majors. <u>On May 17 at 11:30, all other biology majors may register.</u>
<b>BIOL 346:</b> Microbiology Lab	Moyer, C.	BIOL 345 (or concurrent)	Initially, registration is restricted to Molecular and Cell Biology Majors. <u>On May 17 at 11:30, all other biology majors may register.</u>
<b>BIOL 348:</b> Human Anatomy & Physiology	Lapsansky, J.	BIOL 101 or BIOL 205	Registration is restricted to JUNIORS and SENIORS in Biology/Anthropology, Biocultural Anthropology, and select HHD majors (movement studies, pre-PT, health & fitness, pre-health, community health, and community health pre-majors). All other <b>students must send an Override Request to the instructor BEFORE registration begins.</b>
<b>BIOL 349:</b> Human Physiology w/ Lab	Yamamoto, K.	BIOL 348 or BIOL 206; CHEM 161	Registration is restricted to JUNIORS and SENIORS in Biology/Anthropology, Biocultural Anthropology and HHD majors. All other <b>students must send an Override Request to the instructor BEFORE registration begins.</b>
<b>BIOL 395:</b> Biology Research Participation	Faculty	Phase II Biology Major	Must have instructor approval – override required. <b>Complete the BIOL 395 web form</b> available on the biology department website.
<b>BIOL 400:</b> Independent Study	Faculty	Phase II Biology Major	An Independent Study form must be approved by both the instructor and the Biology Department Chair. (Form available from the Biology Department Office, BI 315)
<b>BIOL 407:</b> Marine Ecology	Arellano, S.	BIOL 325; BIOL 326; BIOL 340 or ESCI 340 or concurrent; ESCI 321 or instructor permission	Initially, registration is restricted to EEO and Marine Biology majors. <u>Beginning on May 17 at 11:30am, all other Phase II biology majors, Behavioral Neuroscience majors and ESCI majors may register.</u>
<b>BIOL 432:</b> Evolutionary Biology (WP3 Option)	Schwarz, D.	BIOL 321	Registration is restricted to Phase II Biology, Behavioral Neuroscience, Secondary Ed. – General Science Majors, and CHEM/BIOL – Secondary BAE majors. <u>Registration for Writing Proficiency (WP3) section requires an instructor override.</u>
<b>BIOL 444:</b> Seminar Series Participation	Singh-Cundy, A.	Phase II Biology Major	Registration is restricted to Phase II biology majors. May not be repeated for credit.
<b>BIOL 453:</b> Mycology	DeChaine, E.	BIOL 206	Initially, registration is restricted to Phase II General Biology, Marine, EEO, and Secondary Teaching emphases. <u>Beginning on May 18 at 4:00pm, Environmental Science majors may register.</u>
<b>BIOL 464:</b> Biology of Marine Mammals	Acevedo-Gutierrez, A.	BIOL 206; ESCI 321 recommended	Initially, registration is restricted to Phase II General Biology, Marine, EEO, and Secondary Teaching emphases. <u>Beginning on May 18th at 4:00pm, Environmental Science majors may register.</u>
<b>BIOL 465:</b> Vertebrate Zoology w/ Lab	Anderson, R.	BIOL 206; BIOL 325 or ESCI 325, or instructor permission	Registration is restricted to Phase II biology majors and Phase II BNS majors. On May 18th at 4:00pm, Environmental Science majors may register.
<b>CHEM 471:</b> Biochemistry	Spiegel, P. Amacher, J.	CHEM 163, CHEM 353 or concurrent, BIOL 205	<b>CRNs 40597 and 42332</b> are restricted to Molecular and Cell biology majors. <b>On May 17<sup>th</sup> at 11:30am, all other biology majors may register.</b> All other majors and those with a pre-health focus <u>must contact chemistry@wwu.edu.</u> CRNs 40111 and 42331 are reserved for Phase II Biochem majors. Restrictions will be lifted by <u>the CHEM department for these CRNs in Phase II of registration.</u>
<b>BIOL 476:</b> Membrane Transport Proteins	Serrano-Moreno, J.	BIOL 323; CHEM 471 recommended	Registration is restricted to Phase II general biology, molecular and cell, Phase II biochemistry, and behavioral neuroscience majors. All other majors may submit an override request to the instructor.

<b>BIOL 494:</b> Biology Research	Faculty	Phase II Biology Major	Must have instructor approval – Override Required. <b>Complete the BIOL 494 web form</b> available on the biology department website.
<b>BIOL 495:</b> Research Communication	Faculty	Phase II Biology Major	Must have instructor approval – Override Required. <b>Complete the BIOL 495 web form</b> available on the biology department website.
<b>BIOL 496:</b> Professional Work Experience	Faculty	Phase II Biology Major	Must have instructor approval – Override Required. <b>Complete the BIOL 496 web form</b> available on the biology department website.
<b>BIOL 498:</b> Teaching Practicum	Faculty	Phase II Biology Major	Must have instructor approval – Override Required. <b>Complete the BIOL 498 web form</b> available on the biology department website.

**IMPORTANT: (1)** Attendance at the first class meeting for all upper-division courses is mandatory; failure to attend may result in having to forfeit your seat in the course if a waitlist exists. **(2)** All pre-requisite courses must be completed with a C- or higher. If you register for a course but have not satisfied the pre-requisites, you will be asked to withdraw. **(3)** During the second phase of registration, major restrictions will NOT be lifted. Students must still request an instructor override for access to the course.

**A Note to Pre-Health Students:** If you are a Pre-Health student, but not a declared biology major, you will need to request an override from the instructor for access to biology courses. Although NOT guaranteed, special consideration will be made for those students who may need the following courses to prepare for professional schools: BIOL 321, 322, 345, 346, 348, and 349.

**Biology Minors:** Students who are declared biology minors will have the same priority as Phase II general biology majors during the first phase of registration as long as those courses are not restricted to specific emphases within the biology major (i.e., marine biology). If restricted, minors must wait until the course opens to all Phase II biology majors (or to general biology majors) before they may register.