

## SPRING 2020 BIOLOGY UNDERGRADUATE COURSE REGISTRATION INFORMATION

Course	Instructor(s)	Prerequisite(s)	Registration Restrictions
<b>BIOL 101:</b> Intro to Biology	Connell, G. Van Hees, D.	N/A	Registration is open to all students. <b>No labs first week.</b>
<b>BIOL 111:</b> Current Topics in Marine Science I	Sobocinski, K.	N/A	Registration is restricted to 1 <sup>st</sup> Year Students currently enrolled in the Marine Scholars Program. All other students may submit an override request to the instructor after Phase II registration (March 10 <sup>th</sup> ) begins.
<b>BIOL 112:</b> Current Topics in Marine Science II	Sobocinski, K.	N/A	Registration is restricted to 2 <sup>nd</sup> Year Students currently enrolled in the Marine Scholars Program. All other students may submit an override request to the instructor after Phase II registration (March 10 <sup>th</sup> ) begins.
<b>BIOL 204:</b> Intro to Evolution, Ecology & Biodiversity	Binney, E. Schwarz, C.	CHEM 161 (or concurrent)	Registration is open to all students who have successfully completed the pre-requisites with a C- or higher. <b>No labs first week.</b>
<b>BIOL 205:</b> Intro to Cell & Molecular Biology	Lee, S. Wilkinson, G.	BIOL 204; CHEM 161 & 162 (or concurrent)	Registration is open to all students who have successfully completed the pre-requisites with a C- or higher. <b>No labs first week.</b>
<b>BIOL 206:</b> Intro to Organismal Biology	Olson, B. Serrano-Moreno, J.	BIOL 205; CHEM 162 & 163 (or concurrent)	Registration is open to all students who have successfully completed the pre-requisites with a C- or higher. <b>No labs first week.</b>
<b>BIOL 245:</b> Micro for Health Sciences	Moles, A.	BIOL 101 or BIOL 205	Registration is restricted to Biocultural Anthropology majors and HHD majors in the movement studies, pre-PT, and pre-health specializations. All other majors (except biology) may register during Phase II of registration (March 10 <sup>th</sup> ).
<b>BIOL 300:</b> Independent Study	Faculty	Phase II Biology Major	An Independent Study Web Form must be completed and sent to faculty member for approval. Biology Web Forms Page: <a href="https://cse.wvu.edu/biology/undergraduate-forms">https://cse.wvu.edu/biology/undergraduate-forms</a>
<b>BIOL 321:</b> Genetics	Schulze, S. Schwarz, D.	BIOL 206	Registration is restricted to Phase II biology, Phase II Biochem, Phase II Behavioral Neuroscience, and Science Ed. – General Science Majors. Pre-majors/Phase I will not be permitted to register.
<b>BIOL 322:</b> Genetics Lab	Brooks, L.	BIOL 321	Initially, registration is restricted to Molecular and Cell, Secondary Teaching, Secondary Ed. - General Science majors, and CHEM/BIOL – Secondary BAE. Beginning on Feb 27th at 11:30am General Biology, EEO, and Phase II BNS majors may register.
<b>BIOL 323:</b> Cell & Molecular Biology	Leaf, D. Singh-Cundy, A.	CHEM 251 or CHEM 351 & 352 (or concurrent)	Registration is restricted to Phase II Biology, Phase II Biochem, Secondary Ed - General Science, CHEM/BIOL – Secondary BAE, and Phase II Behavioral Neuroscience majors.
<b>BIOL 324:</b> Methods in Molecular Biology Lab	Brodhagen, M. Galati, N. Pillitteri, L.	BIOL 321 or BIOL 323	Initially, registration is restricted to Secondary Teaching, Molecular and Cell Biology, Phase II Biochem majors and CHEM/BIOL – Secondary BAE. On Feb 27th at 11:30am all other Phase II Biology majors may register.

<b>BIOL 325:</b> Ecology	Hooper, D.	BIOL 206	Registration is restricted to Phase II Biology majors, CHEM/BIOL – secondary BAE, and Secondary Ed - General Science majors. Beginning on Feb 28th at 4:00pm, Phase II BNS majors may register. Environmental Science majors may contact the BIO Department for permission to register during Phase II of registration.
<b>BIOL 326:</b> Ecology Lab (WP3)	Hooper, D. Van Hees, D.	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. On Feb 27th at 11:30am all other Phase II biology majors may register, and on Feb. 28 <sup>th</sup> at 4:00pm Environmental Science majors may register.
<b>BIOL 340:</b> Biometrics	Pollard, D.	BIOL 204, 205, & 206	Initially, registration is restricted to Phase II biology majors. On Feb 28th at 4:00pm, Environmental Science majors may register.
<b>BIOL 348:</b> Human Anatomy and Physiology w/ Lab	Yamamoto, K.	BIOL 101 or BIOL 205	Registration is restricted to students with junior class standing or higher majoring in Biology/Anthropology (BA or BS), Biocultural Anthropology, and HHD majors (all specializations).
<b>BIOL 349:</b> Human Physiology w/ Lab	Lapsansky, J.	BIOL 348 or BIOL 206; CHEM 161 or CHEM 125	Registration is restricted to students with junior class standing or higher majoring in Biology/Anthropology (BA or BS), Biocultural Anthropology and HHD majors in the movement studies, pre-PT, health & fitness, pre-health, community health (pre-major ok) specializations.
<b>BIOL 395:</b> Biology Research Participation	Faculty	Phase II Biology Major	Must have instructor approval – override required. Complete the BIOL 395 web form on the BIOL department website.
<b>BIOL 397C:</b> Scientific Boating	Miner, B.	BIOL 340 or ESCI 340 (or concurrent)	Registration is restricted to Phase II Biology majors. All other students must submit an Override Request Form to the instructor.
<b>BIOL 400:</b> Independent Study	Faculty	Phase II Biology Major	An Independent Study Web Form must be completed and sent to faculty member for approval. Biology Web Forms Page: <a href="https://cse.wvu.edu/biology/undergraduate-forms">https://cse.wvu.edu/biology/undergraduate-forms</a>
<b>BIOL 432:</b> Evolutionary Biology (WP3 Option)	Moyer, C. Shekelle, M.	BIOL 321	Registration is restricted to Phase II Biology, Secondary Ed. – General Science Majors, and CHEM/BIOL – Secondary BAE. Beginning on Feb 28th at 4:00pm, Phase II BNS majors may register. <u>Registration for Writing Proficiency (WP3) section requires an instructor override for ALL students.</u>
<b>BIOL 444:</b> Seminar Series Participation	Singh-Cundy, A	Phase II Biology Major	Registration is restricted to Phase II biology majors. All other majors must submit an Override Request web form to instructor. This course is <b>NOT repeatable for credit.</b>
<b>BIOL 451:</b> Plant Development Biology	Pillitteri, L.	BIOL 323	Registration is restricted to Phase II Biology and Secondary Ed. – General Science Majors.
<b>BIOL 452:</b> Systematic Botany	Williams, M.	BIOL 206	Initially, registration is restricted to Phase II Biology and Secondary Ed. - General Science majors. Beginning on Feb 28th at 4:00pm Environmental Science majors may register.
<b>BIOL 456:</b> Algae w/ Lab	Kodner, R.	BIOL 206; 5 cr of 300 level science or instructor permission	Initially, registration is restricted to EEO and Marine Biology majors. On Feb 27th at 11:30am all Phase II biology majors may register and beginning Feb 28th at 4:00pm Environmental Science majors may register. <b>This course is taught at Shannon Point Marine Center.</b>

<b>BIOL 462:</b> Entomology w/ Lab	Peterson, M.	BIOL 206	Registration is restricted to General Biology, Secondary Teaching, Marine and EEO majors. <b>Required overnight trip May 9-10.</b>
<b>BIOL 467:</b> Comparative Vertebrate Physiology	Anderson, R.	BIOL 206	Registration is restricted to Phase II Biology majors, Phase II Behavioral Neuroscience majors, and CHEM/BIOL – Secondary BAE.
<b>BIOL 468:</b> Vertebrate Physiology Lab	Anderson, R.	BIOL 206; BIOL 467 or concurrent	Registration is restricted to Phase II Biology majors, Phase II Behavioral Neuroscience majors, and CHEM/BIOL – Secondary BAE.
<b>BIOL 473:</b> Molecular Biology	Schulze, S.	BIOL 321 or 323; CHEM 471	Registration is open to all Phase II Biology majors and Secondary Ed – General Science majors. Phase II Biochemistry majors must register for CHEM 473.
<b>BIOL 487:</b> Advanced Molecular and Cell Lab	Dahlberg, L.	BIOL 324	Initially, registration is restricted to Molecular and Cell Biology majors. Beginning on Feb 27 <sup>th</sup> at 11:30am, all other Phase II biology majors may register.
<b>BIOL 494:</b> Biology Research	Faculty	Phase II Biology Major	Must have instructor approval – override required. Complete the BIOL 494 web form from the BIOL department website.
<b>BIOL 495:</b> Research Communication	Faculty	Phase II Biology Major	Must have instructor approval – override required. Complete the BIOL 495 web form from the BIOL department website.
<b>BIOL 496:</b> Professional Work Experience	Faculty	Phase II Biology Major	Must have instructor approval – override required. Complete the BIOL 496 web form from the BIOL department website.
<b>BIOL 497R:</b> Genomic Data Analysis	Zinkgraf, M	BIOL 321 or 323; BIOL 340	Registration is open to all Phase II biology majors who have successfully completed the prerequisites.
<b>BIOL 498:</b> Teaching Practicum	Faculty	Phase II Biology Major	Must have instructor approval – override required. Complete the BIOL 498 web form from the BIOL 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. **(4)** Ask your advisor about ESCI equivalent course options.

**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 245, 321, 322, 345, 346, 348, and 349.

**Biology Minors:** Students who are declared biology minors will have the same priority as Phase II 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 before they may register.