

2019-20 Checklist for Bachelor of Science in Biology

MAJOR COURSES		GENERAL EDUCATION CORE (42 hours)
Required Courses (33 hours):		College Success Skills (2 hours)
BIOL 120 General Biology II <u>and</u>		OREN 105
BIOL 120L General Biology II Lab		
BIOL 201 Genetics <u>and</u>		Communication (6 hours Composition and 3 hours COMM/SPCH required)
BIOL 201L Genetics Lab		ENGL 110 or validation by ACT/SAT
BIOL 202 Microbiology <u>and</u>		ENGL 111 or ENGH 111
BIOL 202L Microbiology Lab		COMM 210, 212, 220; SPCH 101
BIOL/CHEM/EVSC 354 Service-Lrng in Natrl Sci		
BIOL/CHEM/EVSC 480 Global Envir & Hlth Issues		Mathematics (3 hours)
BIOL 495 Senior Seminar in Biology		MATH 145 (Required for this major.)
CHEM 101 General Chemistry I <u>and</u>		
CHEM 101L General Chemistry I Lab		Arts and Humanities (6 hours -- 3 hours must be in literature)
CHEM 102 General Chemistry II <u>and</u>		Literature : ENGL 201, 204, 205, 217, 219, 223, 224, 225, 227, 228, 231, 250
CHEM 102L General Chemistry II Lab		
Choose BIOL 308/308L or BIOL 315/315L		Fine Arts and Humanities : ARTS 110, 204, 208; ENGL 120, HUMA 222, MUSC 101, RELG 101, 102, 201, 230; THEA 104
BIOL 308 Immunology <u>and</u>		
BIOL 308L Immunology Lab		
BIOL 315 Cellular and Molecular Biology <u>and</u>		Natural Science (4 hours -- lab required)
BIOL 315L Cellular and Molecular Biology Lab		BIOL 110/BIOL 110L (Required for this major.)
Biology Major (23 hours):		
BIOL/EVSC 205 Plant Biology <u>and</u>		Behavioral Wellness & Social Sciences (6 hours; may use only 3 credits from the wellness area)
BIOL/EVSC 205L Plant Biology Lab		
BIOL 220 Vertebrate Zoology <u>and</u>		Social Science : BUSN 201, 202, 208; CRJU 105, GEOG 200, POLS 210, 220; PSYC 101, 206, 207; SOCI 101, 105
BIOL 220L Vertebrate Zoology Lab		
BIOL 225 Invertebrate Zoology <u>and</u>		Wellness : PHED 201, PSYC 102
BIOL 225L Invertebrate Zoology Lab		
BIOL/EVSC 301 Ecology <u>and</u>		History (6 hours)
BIOL/EVSC 301L Ecology Lab		HIST 101, 102, 201, 202; HIST/POLS 280
MATH 140 Statistics		
Choose one lecture and lab combination:		Religious Studies (3 hours) - If a RELG course was taken for the Arts & Humanities requirement (above), choose another here.
BIOL/EVSC 310 Conservation Biology <u>and</u>		
BIOL/EVSC 310L Conservation Biology Lab		RELG 101, 102, 201, 230
BIOL/EVSC 320 Biogeography <u>and</u>		
BIOL/EVSC 320L Biogeography Lab		Civic Studies (3 hours)
BIOL/EVSC 330 Aquatic Ecology <u>and</u>		CIVS 223, CIVS 251; POLS 110, 230
BIOL/EVSC 330L Aquatic Ecology Lab		
BIOL 404/EVSC 414 Field Biology <u>and</u>		
BIOL 404L/EVSC 414L Field Biology Lab		Arts and Lecture Series (no credit hours)
		Attended _____ of _____ required Arts & Lecture events
Biology Minor (20 hours)		
BIOL 110/BIOL 110L General Biology I & Lab		
BIOL 120/BIOL 120L General Biology II & Lab		
Choose three additional courses with lab:		
BIOL 201/BIOL 201L Genetics & Lab		Required Courses from the General Education Core:
BIOL 202/BIOL 202L Microbiology & Lab		BIOL 110 General Biology I <u>and</u>
BIOL/EVSC 301 & BIOL/EVSC 301L Ecology & Lab		BIOL 110L General Biology I Lab
BIOL 302/BIOL 302L Human Physiology & Lab		MATH 145 College Algebra
BIOL 315/BIOL 315L Cell/Molecular Biol & Lab		
TUSCULUM UNIVERSITY RESERVES THE RIGHT TO REVISE ACADEMIC PROGRAMS AS DEEMED NECESSARY		

Major Courses: 56.00 hrs

General Education core: 42.00 hrs

Elective Hours: 22.00 hrs

Total: 120.00 hours required for graduation

Revised 7/2019