

CONCENTRATION IN BIOLOGICAL SCIENCES (AST1) (PLAN CODE: LRST1AS, SUBPLAN CODE: BIOSCIENCE)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Code	Title	Credits/ Units
General Education Requirements		
<i>Communication Skills</i>		
ENGL& 101	English Composition I	5
<i>Quantitative Skills</i>		
MATH& 151	Calculus I ¹	5
MATH& 152	Calculus II	5
<i>Health & Physical Education</i>		
Course Options (https://catalog.clark.edu/degree-certificate-requirements/transfer-degree-distribution-list/#health-physical-education)		3
<i>Humanities (HA)(HB) & Social Sciences (SS) Courses (minimum 15 credits)</i>		
Humanities (HA) Course Options (https://catalog.clark.edu/degree-certificate-requirements/transfer-degree-distribution-list/#humanities)		5
Social Sciences (SS) Course Options (https://catalog.clark.edu/degree-certificate-requirements/transfer-degree-distribution-list/#social-sciences)		5
Select an additional five credits/units from Humanities (HA) or (HB) or Social Science (SS) courses (https://catalog.clark.edu/degree-certificate-requirements/transfer-degree-distribution-list/#humanities)		5
Pre-Major Requirements		
CHEM& 141 & CHEM& 151 & CHEM& 142 & CHEM& 152 & CHEM& 143 & CHEM& 153	General Chemistry I and General Chemistry Laboratory I and General Chemistry II and General Chemistry Laboratory II and General Chemistry III and General Chemistry Laboratory III	16
Select one from the following:		15
PHYS& 134 & PHYS& 124 & PHYS& 135 & PHYS& 125 & PHYS& 136 & PHYS& 126	General Physics I and General Physics Lab I and General Physics II and General Physics Lab II and General Physics III and General Physics Lab III	
BIOL& 221 & BIOL& 222 & BIOL& 223	Majors Ecology/Evolution and Majors Cell/Molecular and Majors Organismal Phys	

PHYS& 241 & PHYS& 231 & PHYS& 242 & PHYS& 232 & PHYS& 243 & PHYS& 233	Engineering Physics I and Engineering Phys Lab I and Engineering Physics II and Engineering Phys Lab II and Engineering Physics III and Engineering Phys Lab III	
Select from one of the following options:		
MATH& 146 or MATH& 153	Introduction to Stats Calculus III	5
Science Electives		
BIOL 101	Environ Biol Conf/Lab	5
BIOL 208 or BIOL 224	Field Studies In Biology Flowering Plants of The Pacific Northwest	1-10
BIOL 139	Introduction to Wildlife	3
Select one from the following:		
BIOL 140	Mammals of The Northwest	
BIOL 141	Birds of The Pacific Northwest	
BIOL 142	Freshwater Fishes of The Pacific Northwest	
BIOL 145	Reptiles & Amphibians of The Pacific NW	
Additional credits to meet AST1 90 (ninty) credit minimum. See advisor to identify what courses required for completion		5
Total Credits/Units		90

¹ Calculus I (MATH& 151) requires the successful completion of both Trigonometry (MATH 103) and College Algebra (MATH 110/MATH 111) or recommending score on an approved placement test prior to registration.

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s)/units may change your map/plan.

To view the current suggested map for your program please visit our website <https://programmap.clark.edu/academics> (<https://programmap.clark.edu/academics/>)