



ADT Biology: Biology Pathway

Students who have earned an Associate of Science Transfer (AS-T) Degree in Biology from a California Community College are eligible to waive the general education requirements for the Bachelor of Science in Biology degree at National University. At the time of enrollment, student should have completed a California Community College-ADT program within the last 12 months and be admitted to the National University degree program that correlates to the ADT.

Please note, the student is required to complete the upper division and cultural diversity general education requirements. Students must complete a minimum of 180 quarter units to complete the Bachelor of Science in Biology Degree.

Bachelor of Science in Biology			
Requirements for the Major (12 courses; 42 quarter units)			
BIO 305	Genetics		
BIO 310	Evolution		
BIO 330	Ecology		
BIO 406	Cellular Biology		
BIO 406A	Cellular Biology Lab		
BIO 407	Molecular Biology		
BIO 407A	Molecular Biology Lab		
BIO 414	Invertebrate Zoology		
BIO 414A	Invertebrate Zoology Lab		
BIO 416	Vertebrate Zoology		
BIO 416A	Vertebrate Zoology Laboratory		
BIO 440	Botany		
Upper division Electives (7 courses; 31.5 quarter units) Suggested Upper-Division courses:			
BIO 420	Animal Behavior	CHE 351	Organic Chemistry II
BIO 430	Immunology	CHE 351A	Organic Chemistry II Lab (1.5 quarter units)
BIO 450	Natural History of California	CHE 360	Biochemistry I
BIO 460	Marine Biology	CHE 361	Biochemistry II
BIO 461	Marine Biology Field Studies	EES 322	Oceanography
BIO 470	Bioinformatics	EES 335	Environmental Science
BIO 470A	Bioinformatics Lab (1.5 quarter units)	MTH 317	Mathematical Modeling
BIO 480	Studies in Field Biology	SCI 303	GIS: Geographic Info Systems
CHE 350	Organic Chemistry I	SCI 400	History of Science
CHE 350A	Organic Chemistry I Lab (1.5 quarter units)	SCI 490	Guided Study (variable units)
Additional requirements			
Upper Division General Education 4.5 quarter units			
12 quarter units to meet overall unit requirement			

Note: These requirements are subject to change. Please see National University's online General Catalog for official record of requirements for the year you are admitted.