



ADT- BIOLOGY TO BACHELOR OF 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 Science in Biology degree at National University. At the time of enrollment, students 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.

REQUIREMENTS FOR THE MAJOR (12 courses; 42 quarter units)	
BIO 305 Genetics	BIO 416 Vertebrate Zoology
BIO 310 Evolution	BIO 416A Vertebrate Zoology Laboratory
BIO 330 Ecology	BIO 480 Contemporary Topics in Biology
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	
UPPER-DIVISION ELECTIVES Suggested Upper-Division courses (7 courses; 31.5 quarter units)	
BIO 420 Animal Behavior	SCI 400 History of Science
BIO 430 Immunology	SCI 490 Guided Study (variable units)
BIO 450 Natural History of California	
BIO 460 & 461 Marine Biology & Field Studies	
BIO 470 & 470A Bioinformatics & Lab	
BIO 480 Studies in Field Biology	
CHE 350 & 350A Organic Chemistry I & Lab	
CHE 351 & 351A Organic Chemistry II & Lab	
CHE 360 Biochemistry I	
CHE 361 Biochemistry II	
EES 322 Oceanography	
MTH 317 Mathematical Modeling	
SCI 303 GIS: Geographic Info Systems	
ADDITIONAL REQUIREMENTS Upper Division General Education 1 Course, 4.5 quarter units 13.5 quarter units to meet overall program unit requirements	

Note: These requirements are subject to change. Please see the [National University's Online General Catalog](#) for official record of requirements for the year you are admitted.