



ADT- BIOLOGY TO BACHELOR OF SCIENCE IN BIOLOGY PATHWAY

Students who have earned an Associate of Science Transfer (AS-T) Degree in Biology of Justice 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 BACHELOR OF SCIENCE IN BIOLOGY

(12 courses; 42 quarter units)

BIO 305 Genetics	BIO 416 Vertebrate Zoology
BIO 310 Evolution	BIO 416A Vertebrate Zoology Laboratory
BIO 330 Ecology	BIO 440 Botany
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	CHE 361 Biochemistry II
BIO 430 Immunology	EES 322 Oceanography
BIO 450 Natural History of California	EES 335 Environmental Science
BIO 460 Marine Biology	MTH 317 Mathematical Modeling
BIO 461 Marine Biology Field Studies	SCI 303 GIS: Geographic Info Systems
BIO 470 Bioinformatics	SCI 400 History of Science
BIO 470A Bioinformatics Lab (1.5 quarter units)	SCI 490 Guided Study (variable units)
BIO 480 Studies in Field Biology	
CHE 350 Organic Chemistry I	
CHE 350A Organic Chemistry I Lab (1.5 quarter units)	
CHE 351 Organic Chemistry II	
CHE 351A Organic Chemistry II Lab (1.5 quarter units)	
CHE 360 Biochemistry I	

ADDITIONAL REQUIREMENTS

Upper Division General Education 1 Course, 4.5 quarter units

12 quarter units to meet overall program unit requirements

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.