Biology (B.S.)

2025-2026 catalog

Student Name: _____ **ID Number:** _____

Major Requirements

Must earn a minimum grade of D and average grade of C- in BIO151 & BIO152. A C- or better is required in BIO354 and BIO355. Discuss B.S. waiver options with your advisor.

Term Completed/Planned	Grade	Credit	Course # Title
_____	_____	5	BIO151 and 151L: Introductory Biology
_____	_____	5	BIO152 and 152L: Evolution, Ecology, and Diversity
_____	_____	5	BIO354 and 354L: Cell Biology
_____	_____	5	BIO355 and 355L: Genetics

Complete **five (5)** additional upper division Biology electives, including at least one of BIO351, BIO361, BIO420, BIO425, BIO444, BIO481, or ENV320. Four of the five upper division electives must have an associated 1-credit lab. BIO485 may be completed twice in place of one upper division elective.

Term Completed/Planned	Grade	Credit	Course # Title
_____	_____	5	BIO320 and 320L: Human Anatomy
_____	_____	5	BIO351 and 351L: Invertebrate Zoology
_____	_____	5	BIO353 and 353L: Comparative Vertebrate Anatomy
_____	_____	5	BIO361 and 361L: Plant Biology
_____	_____	5	BIO369 and 369L: Biochemistry
_____	_____	4	BIO420: Conservation Biology
_____	_____	5	BIO425 and 425L: Freshwater Ecology
_____	_____	5	BIO444 and 444L: Genomics and Biotechnology
_____	_____	5	BIO471 and 471L: Advanced Cellular and Molecular Biology
_____	_____	5	BIO473 and 473L: Physiology of Humans and Other Animals
_____	_____	5	BIO474 and 474L: Developmental Biology
_____	_____	5	BIO475 and 475L: Neurobiology
_____	_____	5	BIO476 and 476L: Microbiology
_____	_____	5	BIO481 and 481L: Ecology
_____	_____	4 total	BIO485: Advanced Topics in Biology (*must be taken twice to count*)
_____	_____	4	BIO486: Immunology
_____	_____	4 or 5	BIO495: Special Topics in Biology (*sometimes offered with BIO495L lab*)
_____	_____	5	ENV320 and 320L: Environmental Science
_____	_____	5	PHY317 and 317L: Biophysics

Complete **one (1)** Keystone class from BIO490, SCI490, HON490, or a Keystone from another major (with department approval)

_____ _____ _____

Supporting Courses

Term Completed/Planned	Grade	Credit	Course # Title
_____	_____	5	CHM115 and CHM115L: General Chemistry I
_____	_____	5	CHM116 and CHM116L: General Chemistry II
_____	_____	5	CHM251 and CHM251L: Organic Chemistry I
_____	_____	4	MAT114: Precalculus (or achievement of MPG4)

Complete **one (1)** of DST164, MAT145, MAT163, or PSY215

_____ _____ 4 _____

Complete **one (1)** of PHY107/107L, PHY116/116L, or PHY121/121L

_____ _____ 5 _____

Complete the ETS major field test

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