

BIOLOGY 4-YEAR COURSE SAMPLE

FRESHMAN LEVEL

SEMESTER 1

BIO 101	Biological Principles I	4
CHE 101	Principles of Chemistry I	5
GEN 101	First-Year Seminar	3
MAT 111	Introduction to College Algebra	3

Credit hours 15

SEMESTER 2

BIO 102	Biological Principles II	4
CHE 102	Principles of Chemistry II	5
SCI 010	Biology Seminar I	0
ENG 106	Argumentative and Research Writing	3
COM 115	Essentials-Interpersonal Communication	1½
PHI 105	Introduction to Ethical Reasoning	1½

Credit hours 15

JUNIOR LEVEL

SEMESTER 1

BIO 3xx	Biology Elective	4
	General Education Course(s)	6
	Elective(s)*	5

Credit hours 15

SEMESTER 2

BIO 3xx	Biology Elective	4
	General Education Course(s)	6
	Elective(s)*	5

Credit hours 15

SOPHOMORE LEVEL

SEMESTER 1

BIO 301	Genetics	3
BIO 351	Genetics Lab	2
CHE 201	Organic Chemistry I	3
CHE 251	Organic Chemistry I Lab	1
MAT 122	Introduction to Probability and Statistics	3
THE 101	Introduction to Theological Studies	3

Credit hours 15

SEMESTER 2

BIO 215	Ecology and Evolution	3
SCI 300	Science Literature and Seminar	2
BIO 302	Cell and Molecular Biology	3
OR		
BIO 303/BIO 353	Microbiology/Microbiology Lab	3/1
	General Education Course(s)	6

Credit hours 14/15

SENIOR LEVEL

SEMESTER 1

SCI 425	Science Capstone I	2
	Elective(s)*	15

Credit hours 17

SEMESTER 2

SCI 426	Science Capstone II	2
	Elective(s)*	12

Credit hours 14

* Elective courses are applicable to a minor or a second major.

- Minimum GPA of 2.5 in major courses required
 - Minimum cumulative GPA of 2.0 required
- Minimum of 120 credits required for graduation