

PRE-PROFESSIONAL PROGRAM 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
ENG 106	Argumentative and Research Writing	3
MAT 114	Algebra and Trigonometry	4
SCI 010	Science Seminar I	0

Credit hours 16

JUNIOR LEVEL

SEMESTER 1

BIO 3xx	Biology Elective	4
PHS 201	General Physics I and Lab	4
	Gen Ed Course(s)	6

Credit hours 14

SEMESTER 2

BIO 302	Cell and Molecular Biology	3
BIO 303	Fundamentals of Microbiology	3
BIO 353	Microbiology Lab	2
PHS 202	General Physics II and Lab	4
	Gen Ed Course(s)	3

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
COM 115	Essentials–Interpersonal Communication	1½
MAT 122	Introduction to Probability and Statistics	4
PHI 105	Introduction to Ethical Reasoning	1½

Credit hours 16

SEMESTER 2

BIO 215	Ecology and Evolution	3
CHE 302	Biochemistry	5
SCI 300	Science Literature and Seminar	2
THE 101	Introduction to Theological Studies	3
	Gen Ed Course(s)	3

Credit hours 16

SENIOR LEVEL

SEMESTER 1

SCI 425	Science Capstone I	2
	Gen Ed Course(s)	3
	Elective(s)*	9

Credit hours 14

SEMESTER 2

BIO 497	Internship	3
SCI 426	Science Capstone II	2
	Gen Ed Course(s)	3
	Elective(s)*	6

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