

Name _____
 ID _____ Date _____
 Telephone _____ Email _____
 Advisor _____

SEMESTER COURSE TAKEN				SEMESTER COURSE			
CODE	COURSE TITLE	CREDIT HOURS		CODE	COURSE TITLE	CREDIT HOURS	
FRESHMAN Semester 1				FRESHMAN Semester 2			
_____	BIO 111-01 Introductory Biology I Lecture	3	_____	BIO 112-01 Introductory Biology II Lecture		3	
_____	BIO 111-61 Introductory Biology I Lab	1	_____	BIO 112-61 Introductory Biology II Lab		1	
_____	CHE 111-01 General Chemistry I Lecture+	3	_____	CHE 112-01 General Chemistry II Lecture+		3	
_____	CHE 111-61 General Chemistry I Lab+	1	_____	CHE 112-61 General Chemistry II Lab+		1	
_____	MAT 114 Analysis II or Calculus I	3-4	_____	THE 103 Spirit-Empowered Living		3	
_____	COMP 102 Reading and Writing in Liberal Arts	3	_____	GOV 101 American Government		3	
_____	PRF 070 Swimming Proficiency	0	_____	HPE 002 Health Fitness II		1	
_____	HPE 001 Health Fitness I	1					15
_____	GEN 099 Whole Person Assessment	0					
		<u>15-16</u>					

SOPHOMORE Semester 3				SOPHOMORE Semester 4			
_____	BIO 310 Microbiology Lecture#	3	_____	BIO 312 Ecology or Field Biology Lecture#		3	
_____	BIO 310 Microbiology Lab#	1	_____	BIO 312 Ecology or Field Biology Lab#		1	
_____	BIO 370 Methods in Biotechnology	1	_____	CHE 212-01 Organic Chemistry II Lecture+		3	
_____	CHE 211-01 Organic Chemistry I Lecture+	3	_____	CHE 212-61 Organic Chemistry II Lab+		1	
_____	CHE 211-61 Organic Chemistry I Lab+	1	_____	HUM _____ Humanities Elective (see back)		3	
_____	HUM 101 Introduction to Humanities	3	_____	BLIT 120 Survey of New Testament Literature		3	
_____	BLIT 110 Survey of Old Testament Literature	3	_____	HIS 101 American History		3	
_____	HPE 026 Swimming##	0.5	_____	HPE _____ HPE Activity		0.5	
		<u>15.5</u>					17.5

May be replaced by HPE Activity if Swimming Proficiency passed.

JUNIOR Semester 5				JUNIOR Semester 6			
_____	PHY 101 General Physics I Lecture*	3	_____	BIO 372 Introduction to Biological Research		1	
_____	PHY 101 General Physics I Lab*	1	_____	PHY 102 General Physics II Lecture**		3	
_____	MAT 332 Biostatistics	3	_____	PHY 102 General Physics II Lab**		1	
_____	HUM _____ Humanities Elective	3	_____	BIO _____ Biology Elective-Upper Div. Lecture#		3	
_____	COM 101 Oral Communication	3	_____	BIO _____ Biology Elective-Upper Div. Lab#		1	
_____	BIO _____ Biology Elective Upper Div. Lecture#	3	_____	HUM _____ Humanities Elective		3	
_____	BIO _____ Biology Elective Upper Div. Lab#	1	_____	COMP 303 Critical Reading and Writing		3	
_____	HPE _____ HPE Activity	0.5	_____	HPE _____ HPE Activity		0.5	
		<u>17.5</u>					15.5

* PHY 111 may be substituted.

**PHY 112 may be substituted.

SENIOR Semester 7				SENIOR Semester 8			
_____	BIO 499 Senior Paper	3	_____	BIO 451 Biology Seminar		1	
_____	_____ Social Sciences Elective (see back)	3	_____	BIO 456 Bioethics		3	
_____	_____ Elective*	4-5	_____	_____ Elective*		3	
_____	HPE _____ HPE Activity	0.5	_____	_____ Elective*		3	
_____	BIO _____ Biology Elective Upper Div. Lecture#	3	_____	_____ Elective*		3	
_____	BIO _____ Biology Elective Upper Div. Lab#	1	_____	_____ Elective*		3	
		<u>14.5-15.5</u>	_____	HPE _____ HPE Activity		0.5	
							0
							16.5

* Follow recommendations of your advisor. Biochemistry and Chemistry minor are possible choices.

Field course or upper division Biology elective (lecture and lab). (See back of page.)

	Credit Hours
General Education	
Whole Person Assessment (GEN 099)	0
Oral Communication (COM 101)	3
Reading and Writing in Liberal Arts (COMP 102)	3
Critical Reading and Writing (COMP 303)	3
American History (HIS 101)	3
Introduction to Humanities (HUM 101)	3
Christian Worldview and Culture (HUM 301)	3
Humanities Electives (Choice of two of the following: HUM 222, 233, 244, 333, or HONR 102)	6
American Government (GOV 101)	3
Biostatistics (MAT 332)	3
General Physics I (PHY 101-01)	3
General Physics I Laboratory (PHY 101-61)	1
General Physics II (PHY 102-01)	3
General Physics II Laboratory (PHY 102-61)	1
Introduction to Old Testament Literature (BLIT 110)	3
Introduction to New Testament Literature (BLIT 120)	3
Spirit-Empowered Living (THE 103)	3
Social Sciences Elective (choice of one of the following): Principles of Psychology (PSY 201) or Marriage and Family (SOC 201) or Personal Financial Planning (FIN 244)	3
Health Fitness I (HPE 001)	1
Health Fitness II (HPE 002)	1
HPE Activities (HPE ____)	3
General Education Total	55
 Major	
Introductory Biology Lecture and Laboratory (BIO 111, 112)	8
Methods in Biotechnology (BIO 370)	1
Introduction to Biological Research (BIO 372)	1
Ecology (BIO 312) or Biology Field Course with Laboratory (BIO 458 or Au Sable courses)	4
Bioethics (BIO 456)	3
Biology Seminar (BIO 451)	1
Research/Senior Paper (BIO 499)	3
Biology Electives (Choice of four of the following. Must include one recommended course.*)	16
BIO 310 Microbiology with Laboratory*	
BIO 311 Genetics with Laboratory*	
BIO 411 Molecular Cell Biology with Laboratory*	
BIO 421 General and Comparative Physiology with Laboratory	
BIO 431 Developmental Biology with Laboratory	
BIO 457 Principles of Immunology with Laboratory	
BIO 454 Special Topics	
Major Total	37
 <u>Note:</u> Special topics course may be taken only once (see catalog).	
 Cognate	
Mathematics (Choice of the following):	3-4
MAT 114 Math Analysis II	
MAT 201 Calculus I	
General Chemistry Lecture and Laboratory (CHE 111, 112)	8
Organic Chemistry Lecture and Laboratory (CHE 211, 212)	8
Cognate Total	19-20
 Cognate can be expanded into a Biochemistry minor by taking Biochemistry (CHE 459) Lecture and Laboratory or Chemistry minor by taking Quantitative Analysis (CHE 300) Lecture and Laboratory.	
 Electives	16-17
Human Anatomy, Human Physiology, and Environmental Science are possible choices.	
Degree Total	128