## BIOLOGY AND CHEMISTRY DEGREE REQUIREMENTS – 79 CREDITS

#### \*GENERAL CORE

☐ Humanities		
	ENG 110	College Composition I
	ENG 120	College Composition II

FLA OPEN Intermediate Spanish or Other Foreign Language

PHIL 101 Philosophy of Ethics THE 103 Ignatian Spirituality

THE 200 OPEN Any 200 Level Theology Course

☐ Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRSAny HIS or CRS Elective

☐ Mathematics

MTH 103 Intermediate Algebra

MTH 109 Pre-Calculus

Other

COLL 101 College Seminar

#### **PROFESSIONALCORE**

î Biology	BIO131	Cellular Biology
		<del>-</del> ,
	BIO131L	Cellular Biology LAB
	BIO231	<b>Evolution and Biodiversity</b>
	BIO231L	Evolution and Biodiversity LAB
	BIO232	Genetics
	BIO241	Human Anatomy and Physiology
	BIO241L	Human Anatomy and Physiology LAB
	BIO242	Human Health and Disease
w <b>G</b> l		
ኘ Chemistry	CHE 123	Principles of Chemistry I
	CHE 123L	Principles of Chemistry I LAB
	CHE129	Principles of Chemistry II
	CHE129L	Principles of Chemistry II LAB
	CHE136	Fundamental Organic Chemistry
	CHE 140	Biochemistry
	CHE 140L	Biochemistry LAB
	CHE230	Analytical Methods in Chemistry
	CHE234	Organic Chemistry

<sup>\*</sup>Student is granted exemptions from the General Core.

CHE234L Organic Chemistry LAB
CHE 239 Inorganic Chemistry
CHE239L Inorganic Chemistry LAB
MTH 216 Calculus for the Life Sciences

## Biology and Chemistry Degree Requirements – 79 credits

Academic Ac	lvisor:					School	Year:				
	Semester I					Rep	eated	Attem	pts (if ap	pplicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
BIO 131	Cellular Biology	3									
BIO 131L	Cellular Biology Lab	1									
*CHE 123	Principles of Chemistry I	3									
CHE 123L	Principles of Chemistry I Lab	1									
*ENG 110	College Composition I	3									
COLL 101	College Seminar	1									
*MTH 103	Intermediate Algebra	3									
THE 103	Ignatian Spirituality	3									
Recommen	ided Total Credit Hours	18		l l				I			
Mid Sem GPA	Semester GPA Cumulative GPA										
<b>Probationary</b> Program Chan	Status			_	]Date:						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	omme	nt/s			

<sup>\*</sup>Students may be required to take additional preparatory courses based on previous grades

Academic Ad	visor:		Sch	ool Ye	ar:						
	Semester II					Re	peated	Attem	<b>pts</b> (if ap	plicable	)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 140	Biochemistry	3									
CHE 140L	Biochemistry Lab	1									
**CHE 129	Principles of Chemistry II	3									
CHE 129L	Principles of Chemistry II Lab	1									
**CHE 136	Fundamental Organic Chemistry	3									
**ENG 120	College Composition II	3									
**MTH 109	Pre-Calculus	3									
SOC 121	Introduction to Research Methods	3									
Recommend	led Total Credit Hours	20									
Mid Sem GPA	Semester GPA Cumulative GPA										_
Probationary	Status □No □Yes [Semes	ter 🗆	or Cumi	ulative	□]						
Program Chang	ge:   No   Yes   [Previous Program Ne	w Pro	gram]	Date:							
		AD	VISING	ì							
Date(mm/dd/y	r) Advisor's Signature					(	Comme	nt/s			

### \*\*for courses requiring prerequisites

Academic Ad	visor:		9	School	Year:						
	Semester III					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**BIO 231	Evolution and Biodiversity	3									
BIO 231L	Evolution and Biodiversity Lab	1									
**BIO 232	Genetics	3									
**CHE 230	Analytical Methods in Chemistry	3									
**CHE 234	Organic Chemistry	3									
CHE 234L	Organic Chemistry Lab	1									
HIS/**CRS OPEN	Any HIS/CRS Open Elective	3									
**PHIL 101	Philosophy of Ethics	3									
Recommen	ded Total Credit Hours	20									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary :	Status □No □Yes [Se	meste	r □or Cເ	ımulati	ve □]						
Program Chang	ge:   No   Yes [Previous Program Ne	w Pro	gram ]D	ate:							
	r Degree Completion/Graduation:E e done 31 credits or more	No	□Y€	es		Respons	e:□No	□Yo	es		

	ADV	ISING
Date(mm/dd/yr)	Advisor's Signature	Comment/s

<sup>\*\*</sup>for courses requiring prerequisites

Academic A	avisor:			Scho	ol Year						
	Semester IV					Re	epeated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**BIO 241	Human Anatomy and Physiology	3									
BIO 241L	Human Anatomy and Physiology Lab	1									
**BIO 242	Human Health and Disease	3									
**CHE 239	Inorganic Chemistry	3									
CHE 239L	Inorganic Chemistry Lab	1									
FLA OPEN	Intermediate Spanish or Another Foreign Language	3									
**MTH 216	Calculus for the Life Sciences	4									
**THE 200 OPEN	Any200 Level Theology Course	3									
Recommen	ded Total Credit Hours	21									
Mid Sem GP	A Semester GPA Cumulative GPA_										
Probationary	y Status □No □Yes [	Semes	ster 🗆 or	Cumula	ntive 🗆]						
			ADVI	SING							
Date(mm/dd/	yr) Advisor's Signature	)					Comn	nent/s			

<sup>\*\*</sup>for courses requiring prerequisites

#### **BIOLOGY**

#### **Degree Requirements: 75 Credits**

#### **GENERAL CORE**

Y Humanities

ENG 110 College Composition I ENG 120 College Composition II

ENG 200 OPEN Any 200 Level Literature Course

FLA OPEN Intermediate Spanish or Other Foreign Language

PHIL 101 Philosophy of Ethics THE 103 Ignatian Spirituality

THE 200 OPEN Any 200 Level Theology Course

Y Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

**1** Mathematics

MTH 103 Intermediate Algebra

MTH 109 Pre-Calculus

**T** Computer Science

CIS OPEN Any CIS/CGD/CNT Elective

1 Other

COLL 101 College Seminar

#### **PROFESSIONALCORE**

I Biology

BIO131 Cellular Biology
BIO131L Cellular Biology LAB

BIO231 Evolution and Biodiversity
BIO231L Evolution and Biodiversity LAB

BIO232 Genetics

BIO 240 Plant Physiology and Anatomy

BIO 240L Plant Physiology and Anatomy Lab
BIO241 Human Anatomy and Physiology
BIO241L Human Anatomy and Physiology LAB

BIO242 Human Health and Disease
CHE123 Principles of Chemistry I
CHE123L Principles of Chemistry I LAB
CHE 129 Principles of Chemistry II
CHE 129L Principles of Chemistry II LAB

CHE 140 Biochemistry
CHE 140L Biochemistry LAB

ENS 120 Fundamental Ecological Principles

# BIOLOGY Degree Requirements – 75 Credits

Academic Ac	dvisor:					School	Year:				
	Semester I	3							le)		
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
BIO 131	Cellular Biology	3									
BIO 131L	Cellular Biology Lab	1									
*CHE 123	Principles of Chemistry I	3									
CHE 123L	Principles of Chemistry I Lab	1									
*ENG 110	College Composition I	3									
ENS 120	Fundamentals of Ecological Principles	4									
*MTH 103	Intermediate Algebra	3									
COLL 101	College Seminar	1									
Recommend	ded Total Credit Hours	19									
Mid Sem GPA	Semester GPA Cumulative GPA_										
Probationary	Status □No □Yes [Semeste	r 🗆 or	Cumulat	ive □]							
Program Chan	ge: □No □Yes [Previous Program _		_New Pr	ogram	]Date:						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					C	ommei	nt/s			

Academic Ad	visor:		Sch	ool Ye	ar:						
	Semester II					Re	peated	Attem	pts (if app	plicable	)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 140	Biochemistry	3									
CHE 140L	Biochemistry Lab	1									
**CHE 129	Principles of Chemistry II	3									
CHE 129L	Principles of Chemistry II Lab	1									
**ENG 120	College Composition II	3									
THE 103	Ignatian Spirituality	З									
SOC 121	Introduction to Research Methods	3									
Recommend	led Total Credit Hours	17									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes [Semes	ter 🗆	or Cumı	ılative	□]						
Program Chang	ge: No Yes [Previous Program Ne	w Pro	gram]	Date:							

<sup>\*</sup>Students may be required to take additional preparatory courses based on previous grades

	ADVIS	SING
Date(mm/dd/yr)	Advisor's Signature	Comment/s

<sup>\*\*</sup>for courses requiring prerequisites

Academic Ad	visor:			Scho	ool Yea	r:					
	Semester III					Re	peated	Attemp	ots( if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**BIO 231	Evolution and Biodiversity	3									
BIO 231L	Evolution and Biodiversity Lab	1									
**BIO 232	Genetics	3									
**MTH 109	Pre-Calculus	3									
HIS/**CRS OPEN	Any HIS/CRS Open Elective	3									
PHIL 101	Philosophy of Ethics	3									
**BIO 240	Plant Physiology and Anatomy	3									
BIO 240L	Plant Physiology and Anatomy Lab	1									
Recommend	led Total Credit Hours	20									
Mid Sem GPA	Semester GPA Cumulative GPA_										
Probationary Program Chang	Status				ative □]						
	r Degree Completion/Graduation te done 31 credits or more	n:□Nc	) [	Yes		Respo	nse:□N	lo 🗆	Yes		
			ADVIS	ING							
Date(mm/dd/yr	Advisor's Signature					(	Commo	ent/s			

<sup>\*\*</sup>for courses requiring prerequisites

Academic .	Advisor:			Scho	ol Year	r:					
	Semester IV					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**BIO 241	Human Anatomy and Physiology	3									
BIO 241L	Human Anatomy and Physiology Lab	1									
**BIO 242	Human Health and Disease	3									
**ENG 200 OPEN	Any 200 Level Literature Course	3									
CIS OPEN	Any CIS/CGD/CNT Elective	3									
FLA OPEN	Intermediate Spanish or Another Foreign Language	3									
**THE 200 OPEN	Any200 Level Theology Course	3									
Recomm	ended Total Credit Hours	19	•	•			•				
Mid Sem G	PA Semester GPA Cumulative GPA	Α									
Probationa	ry Status □No □Ye	s [Seme	ster 🗆 oı	r Cumul	ative □]						
			ADVI	SING							
Date(mm/do	d/yr) Advisor's Signat	ure					Comn	nent/s			
_											

<sup>\*\*</sup>for courses requiring prerequisites

#### **CHEMISTRY**

#### **Degree Requirements: 75 Credits**

#### **GENERAL CORE**

#### 1 Humanities

ENG 110 College Composition I ENG 120 College Composition II

ENG 200 OPENAny 200 Level Literature Course

FLA OPEN Intermediate Spanish or Other Foreign Language

PHIL 101 Philosophy of Ethics THE 103 Ignatian Spirituality

THE 200 OPEN Any 200 Level Theology Course

#### Y Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

**1** Mathematics

MTH 103 Intermediate Algebra

MTH 109 Pre-Calculus

**Y** Computer Science

CIS OPEN Any CIS/CGD/CNT Elective

1 Other

COLL 101 College Seminar

**CHE123** 

#### **PROFESSIONALCORE**

Chemistry

CHE123L CHE129	Principles of Chemistry I LAB Principles of Chemistry II
CHE129L	Principles of Chemistry II LAB
CHE136	Fundamental Organic Chemistry
CHE 140	Biochemistry
CHE 140L	Biochemistry LAB
CHE230	Analytical Methods in Chemistry
CHE234	Organic Chemistry
CHE234L	Organic Chemistry LAB
CHE239	Inorganic Chemistry
CHE239L	Inorganic Chemistry LAB
BIO 131	Cellular Biology
BIO 131L	Cellular Biology Lab
ENS 120	Fundamental Ecological Principles
ENS 216	<b>Environmental Chemistry and Monitoring</b>

Principles of Chemistry I

### Chemistry Degree Requirements – 75 credits

Academic A	dvisor:					School	Year:				
	Semester I					Rep	eated	Attem	pts (if ap	oplicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
BIO 131	Cellular Biology	3									
BIO 131L	Cellular Biology Lab	1									
*CHE 123	Principles of Chemistry I	3									
CHE 123L	Principles of Chemistry I Lab	1									
*ENG 110	College Composition I	3									
SOC 121	Introduction to Research Methods	3									
COLL 101	College Seminar	1									
*MTH 103	Intermediate Algebra	3									
Recomme	nded Total Credit Hours	18									
Mid Sem GPA	A Semester GPA Cumulative GPA_										
Probationary	y Status □No □Yes [Semeste	r 🗆 or	Cumulat	tive □]							
Program Char	nge: □No □Yes [Previous Program _		_New Pr	ogram	] Date:	:					
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommei	nt/s			
*Students m	av be required to take additional p	renar	ato rv co	urses h	nased o	n previo	us grac	les			

Academic Ad	visor:		Sch	ool Ye	ar:						
	Semester II					Re	peated	Attem	pts (if app	olicable	)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 129	Principles of Chemistry II	3									
CHE 129L	Principles of Chemistry II Lab	1									
**CHE 136	Fundamental Organic Chemistry	3									
**ENG 120	College Composition II	3									
**CHEM 140	Biochemistry	3									
CHEM 140L	Biochemistry Lab	1									
THE 103	Ignatian Spirituality	3									
Recommend	led Total Credit Hours	17									
Mid Sem GPA	Semester GPA Cumulative GPA										_
Probationary	Status □No □Yes [Semes	ster 🗆	or Cum	ulative							
Program Chang	ge:   No   Yes   [Previous Program Ne	w Pro	gram]	Date:							

	AD	VISING
Date(mm/dd/yr)	Advisor's Signature	Comment/s

<sup>\*\*</sup>for courses requiring prerequisites

Academic Ad	visor:			Scho	ol Yea	r:					
	Semester III					Re	peated	Attem	pts( if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 230	Analytical Methods in Chemistry	3									
**CHE 234	Organic Chemistry	3									
CHE 234L	Organic Chemistry Lab	1									
**MTH 109	Pre-Calculus	3									
HIS/**CRS OPEN	Any HIS/CRS Open Elective	3									
ENS 120	Fundamental Ecological Principles	4									
PHIL 101	Philosophy of Ethics	3									
Recommen	ded Total Credit Hours	20				_					
Probationary	Semester GPA Cumulative GPA  Status				lative 🗆	]					
	r Degree Completion/Graduation e done 31 credits or more	n:□Nc	) [	Yes		Respo	nse:□I	No [	∃Yes		
			ADVI	SING							
Date(mm/dd/yi	) Advisor's Signature	;					Comr	nent/s			

<sup>\*\*</sup>for courses requiring prerequisites

Academic Ac	lvisor:			Schoo	ol Year:	:					
	Semester IV					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 239	Inorganic Chemistry	3									
CHE 239L	Inorganic Chemistry Lab	1									
**ENG 200 OPEN	Any 200 Level Literature Course	3									
FLA OPEN	Intermediate Spanish or Another Foreign Language	3									
**ENS 216	Environmental Chemistry and Monitoring	4									
CIS OPEN	Any CIS/CGD/CNT Course	3									
**THE 200 OPEN	Any200 Level Theology Course	3									
Recommer	ded Total Credit Hours	20							1	•	
Mid Sem GPA	Semester GPA Cumulative GPA_										
Probationary	Status □No □Yes [S	emes	iter 🗆 or	Cumul	ative □]						
			ADVI	SING							
Date(mm/dd/y	r) Advisor's Signature						Comn	nent/s			

<sup>\*\*</sup>for courses requiring prerequisites

### PRE-ENGINEERING FULL-TIME

### **Degree Requirements: 88 Credits**

*GENERAL CORE		
☐ Humanities		
	ENG 110	College Composition I
	ENG 120	College Composition II
	ENG 216	Logic/Critical Thinking Elective
	FLA OPEN	Intermediate Spanish or Other Foreign Language
	PHIL 101	Philosophy of Ethics
	THE 103 THE 200 OPEN	Ignatian Spirituality Any 200 Level Theology Course
☐ Social Sciences		
	SOC 121	Introduction to Research Methods
☐ Mathematics		
	MTH 105	Algebra for the Sciences
	MTH 115	College Algebra
OTHER	COLL 101	College Seminar
PROFESSIONAL CORE  Y Math		
- 1100	MTH 119	Trigonometry
	MTH 145	Calculus I
	MTH 140	Analytical Geometry
	MTH 236	Calculus II
	MTH 246	Probability and Statistics
	MTH 260	Linear Algebra
	MTH 265	Calculus III
Υ Chemistry		
·	CHE 123	Principles of Chemistry I
	CHE 123L	Principles of Chemistry I Lab
Y Computer Science		
	CIS 125	Principles of Programming I
Υ Physics		
	PHY 105	Physics I
	PHY 105L	Physics I Lab
	PHY 210	Physics II
	PHY 210L	Physics II Lab
	PHY 225	Physics III
	PHY 225L	Physics III Lab
Υ Engineering		
	ENGR 105	Technical Drawing
	ENGR 110	Computer Assisted Drawing
	ENGR 205	Statics
Υ Business		
	BUS 105	Principles of Management

# PRE-ENGINEERING FULL-TIME Degree Requirements: 88 Credits

Academic Ad	visor:					School	Year:				
	SUMMER I					Rep	eated	Attem	pts (if ap	plicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 105	Algebra for the Sciences	3									
Recommend	led Total Credit Hours	3									
Mid Sem GPA	Semester GPA Cumulative GPA_										
Probationary	Status YNo YYes [Semester	Υ or C	Cumulativ	<b>e</b> Υ]							
Program Chang	e: YNo YYes [Previous Program		_New Pr	ogram	]Date:						
			ADVIS	ING							
Date (mm/dd/yr)	Advisor's Signature					С	ommei	nt/s			

Academic A	dvisor:					School	Year:				
	Semester I					Rep	eated	Attem	pts (if a	oplicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
CHE 123	Principles of Chemistry I	3									
CHE 123 L	Principles of Chemistry I Lab	1									
MTH 119	Trigonometry	4									
ENG 110	College Composition	3									
MTH 115	College Algebra	4									
ENGR 105	Technical Drawing	3									
COLL 101	College Seminar	1									
Recommen	ded Total Credit Hours	19									
Probationary	A Semester GPA Cumulative GPA_ y Status YNo YYes [Semester age: YNo YYes [Previous Program		Cumulativo	-	]Date:						
			ADVIS	ING							
Date (mm/dd/yr)	Advisor's Signature					С	omme	nt/s			

Academic A	dvisor					School	Vear:				
Academic A	Semester II							Attem	<b>pts</b> (if ap	pplicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 145	Calculus I	4									
PHY 105	Physics I	3									
PHY 105L	Physics I Lab	1									
ENGR 110	Computer Assisted Drawing	2									
ENG 120	College Composition II	3									
THE 103	Ignatian Spirituality	3									
MTH 140	Analytical Geometry	3									
	ded Total Credit Hours	19									
Mid Sem GP	A Semester GPA Cumulative GPA_										
Probationary	•			-	1Data.						
Program Chan	ge: YNo YYes [Previous Program		_New Pi	ogram	Juate.						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommei	nt/s			
			L								
Academic A	dvisor:					School	Year:				
	SUMMER II					Rep	eated	Attem	<b>pts</b> (if ap	plicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
ENG 216	Logic/Critical Thinking	3									
CIS 125	Principles of Programming I	3							`		
		1									ı

Academic A	dvisor:					School	Year:				
	SUMMER II					Rep	eated	Attem	pts (if a	oplicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Yea
ENG 216	Logic/Critical Thinking	3									
CIS 125	Principles of Programming I	3									
Recommen	ded Total Credit Hours	6									
	A Semester GPA Cumulative GPA										
Probationar	y Status YNo YYes [Semeste	er Y or C	Cumulative	e Y]							
Program Char	nge: YNo YYes [Previous Program _		_New Pr	ogram	]Date:						
			ADVIS	ING							
Date (mm/dd/yr)	Advisor's Signature					С	omme	nt/s			

Academic A	dvisor:					School	Year:				
	Semester III					Rep	eated	Attem	<b>pts</b> (if a <sub>l</sub>	oplicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 236	Calculus II	4									
PHIL 101	Philosophy of Ethics	3									
PHY 210	Physics II	3									
PHY 210L	Physics II Lab	1									
MTH 246	Probability and Statistics	4									
MTH 260	Linear Algebra	3									
THE 200 OPEN	Theology 200 – Level Elective	3									
Recommen	ded Total Credit Hours	21									
Mid Sem GP	A Semester GPA Cumulative GPA_										
Probationary	y Status YNo YYes [Semester	Υ or C	cumulative	e Y]							
Program Chan	ge: YNo YYes [Previous Program		_New Pr	ogram	]Date:						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommei	nt/s			

Academic A	dvisor:					School	Year:				
	Semester IV					Rep	eated	Attem	pts (if a	oplicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 265	Calculus III	4									
PHY 225	Physics III	3									
PHY 225L	Y 225L Physics III Lab										
ENGR 205	Statics	3									
SOC 121	Introduction to Research Methods	3									
BUS 105	Principles of Management 3										
FLA OPEN	Intermediate Spanish or Another Foreign Language	3									
Recommen	ded Total Credit Hours	20									
Probationar	A Semester GPA Cumulative GPA_ y Status YNo YYes [Semester nge: YNo YYes [Previous Program			-	]Date:						
			ADVIS	ING							
Date (mm/dd/yr)	Advisor's Signature					С	omme	nt/s			

## Environmental Science Degree Requirements – 74 credits

#### \*GENERALCORE

#### 1 Humanities

ENG 110	College Composition I
ENG 120	College Composition II
FLA OPEN	Intermediate Spanish or Other Foreign Language
PHIL 101	Philosophy of Ethics
THE 103	Ignatian Spirituality

THE 200 OPEN Any 200 Level Theology Course

#### Y Social Sciences

SOC 121	Introduction to Research Methods
HIS/CRS	Any HIS or CRS Elective

#### **Mathematics**

MTH 103 Intermediate Algebra
MTH 116 Probability and Statist

MTH 116 Probability and Statistics for the Physical or Social Scientist

#### 1 Other

COLL 101 College Seminar

#### **PROFESSIONALCORE**

#### Y Environmental Science

BIO 131	Cellular Biology
BIO 131L	Cellular Biology LAB
BIO 231	Evolution and Biodiversity
BIO 231L	Evolution and Biodiversity LAB
CHE 123	Principles of Chemistry I
CHE 123L	Principles of Chemistry I LAB
CHE 129	Principles of Chemistry II
CHE 129L	Principles of Chemistry II LAB
ENS 120	Fundamentals of Ecological Principles
ENS 121	Environment and Society
ENS 122	Geography of Environmental Systems
ENS 212	Sustainable Agriculture/Agro-forestry
ENS 216	<b>Environmental Chemistry and Monitoring</b>
ENS 217	Marine and Fish Ecology
ENS 221	Tropical Ecology Research
ENS 241	Internship in Environmental Science

<sup>\*</sup>Student is granted exemptions from the General Core.

# Environmental Science Degree Requirements – 74 credits

AcademicAdv	visor:					School \	Year:				
	Semester I					Rep	eated	Attem	pts (if ap	plicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
BIO131 (	Cellular Biology	3									
BIO131L	Cellular Biology Lab	1									
*CHE123	Principles of Chemistry I	3									
CHE 123L	Principles of Chemistry I Lab	1									
*ENG110	College Composition I	3									
	Fundamentals of Ecological Principles with Field Work	4									
*MTH 103	Intermediate Algebra	3									
COLL 101 (	College Seminar	1									
Recommend	ded Total Credit Hours	19									
	Semester GPA Cumulative GPA_  Status	r □ or	Cumula	tive □1							
•	Probationary Status       □No       □Yes [Semester □ or Cumulative □]         Program Change:       □No       □Yes [Previous ProgramNew Program ]Date:										
	_		ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			

Academic Ad	visor:		Sch	ool Ye	ar:						
	Semester II					Re	peated	Attem	pts (if ap	plicable	)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE129	Principles of Chemistry II	3									
CHE129L	Principles of Chemistry II Lab	1									
**ENG120	College Composition II	3									
**ENS121	Environment and Society	3									
**ENS122	Geography of Environmental Systems	4									
THE 103	Ignatian Spirituality	3									
SOC 121	Introduction to Research Methods	3									
Recommend	led Total Credit Hours	20									•
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	_										
Program Chang	ge: No Yes [Previous Program New Program] Date:										
		AD	VISING								
Date(mm/dd/y	r) Advisor's Signature					C	comme	nt/s			

<sup>\*</sup>Students may be required to take additional preparatory courses based on previous grades

<sup>\*\*</sup>for courses requiring prerequisites

Academic A	dvisor:			Scho	ool Yea	ar:					
	Semester III					Re	peated	Attemp	ots (if appl	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**BIO 231	Evolution and Biodiversity	3									
BIO 231L	Evolution and Biodiversity Lab	1									
HIS/**CRS OPEN	Any HIS/CRS Open Elective	3									
**MTH 116	Probability and Statistics for the Physical or Social Scientist	4									
**ENS212	Sustainable Agriculture/Agro- Forestry	3									
**ENS217	Marine and Fish Ecology	4									
Recommende	ed Total Credit Hours	18		ı		1	· I		1	u e	
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □ No □ Yes[Seme	ster□	or Cum	nulative	e □ ]						
Program Cha	nge:□No□Yes [Previous Program N	lew Pr	ogram ]	Date:							
	or Degree Completion/Graduation  've done 31 credits or more	] No	□Yes		Resp	onse:□N	o	es			
			ADVI	SING							
Date(mm/dd/yr	Advisor's Signature						Com	ment/s			

<sup>\*\*</sup>for courses requiring prerequisites

Academic Advi	sor:			Schoo	ol Year:	:					
	Semester IV					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**ENS 216	Environmental Chemistry and Monitoring	4									
**ENS 221	Tropical Ecology Research	3									
**ENS 241	Internship in Environmental Science	1									
FLA OPEN	Intermediate Spanish or Another Foreign Language	3									
PHIL 101	Philosophy of Ethics	3									
**THE 200 OPEN	Any200 Level Theology Course	3									
Recommende	d Total Credit Hours	17				l		I			<u>,                                      </u>
Mid Sem GPA Se	emester GPA Cumulative GPA_										
Probationary St	atus □No □Yes [S	emes	ster 🗆 or	Cumul	ative □]						
			ADVI	SING							
Date(mm/dd/yr)	Advisor's Signature	!					Comn	nent/s			

<sup>\*\*</sup>for courses requiring prerequisites

## INTERDISCIPLINARY SCIENCE DEGREE REQUIREMENTS – 73 CREDITS

#### **GENERALCORE**

Y Humanities

ENG 110 College Composition I
ENG 120 College Composition II

ENG 200 OPEN Any 200 Level Literature Course

FLA OPEN Intermediate Spanish or Other Foreign Language

PHIL 101 Philosophy of Ethics THE 103 Ignatian Spirituality

THE 200 OPEN Any 200 Level Theology Course

Y Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

Mathematics

MTH 103/105 Intermediate Algebra or Algebra for the Sciences

MTH OPEN Any Other MTH Course

**T** Computer Science

CIS OPEN Any CIS/CGD/CNT Elective

1 Other

COLL 101 College Seminar

#### **PROFESSIONAL CORE**

	Year I Options	Year 2 Options
	(minimum of 25 credits)	(minimum of 11 credits)
Choice A	BIO 131, BIO 131L	BIO 231, BIO 231L, BIO 241, BIO 241L
	CHE 123, CHE 123L, CHE 129, CHE 129L, CHE 136	CHE 230, CHE 239, CHE 239L
	CHE 140, CHE 140L	ENS 212, ENS 217, ENS 216, ENS 221
With	ENS 120, ENS 121, ENS 122	CIS 233, CIS 240, CIS 283, CIS 284, CIS 286,
MTH 103	CIS 125, CIS 126, CIS 130, CIS 135	CIS 288
	CNT 125, CNT 135	CNT 225, CNT 235, CNT 250
Choice B	BIO 131, BIO 131L	BIO 231, BIO 231L, BIO 241, BIO 241L
	CHE 123, CHE 123L, CHE 129, CHE 129L, CHE 136	CHE 230, CHE 239, CHE 239L
	CHE 140, CHE 140L	ENS 212, ENS 217, ENS 216, ENS 221
With	ENS 120, ENS 121, ENS 122	CIS 233, CIS 240, CIS 283, CIS 284, CIS 286,
MTH 105	CIS 125, CIS 126, CIS 130, CIS 135	CIS 288
	CNT 125, CNT 135	CNT 225, CNT 235, CNT 250
	MTH 115, MTH 119, MTH 140, MTH 145	MTH 236, MTH 246, MTH 250, MTH 260
	PHY 105, PHY 105L	PHY 210, PHY 210L, PHY 225, PHY 225L

<sup>\*</sup>Students in this program will not be eligible for 2-Unit CAPE courses. The goal of the program is for students to take courses that are transferable and that broaden their career options. Students must plan coursework along lines of interest and ability to meet prerequisites with the guidance of the academic advisor.

Academic Advis	sor:					School	Year:				
	Semester I					Rep	eated	Attem	pts(if ap	plicable	e)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
*ENG110	College Composition I	3									
COLL 101	College Seminar	1									
*MTH 103/105	Intermediate Algebra or Algebra for the Sciences	3									
THE103	Ignatian Spirituality	3									
Recommende	d Total Credit Hours										
Mid Sem GPA Se	mester GPA Cumulative GPA										
-	Probationary Status □No □Yes [Semester □or Cumulative □]  Program Change: □No □Yes [Previous ProgramNew Program ] Date:										
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature	Comment/s									

Academic Ad	visor:		Sch	ool Ye	ar:						
	Semester II					Re	peated	Attem	pts(if app	pplicable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**ENG120	College Composition II	3									
**MTH OPEN	Any Other MTH Course	3									
SOC 121	Introduction to Research Methods	3									
Recommend	led Total Credit Hours										
Mid Sem GPA	Semester GPA Cumulative GPA										_
Probationary	Status □No □Yes[Seme	ster 🗆	or Cumu	lative [	]						
Program Chang	ge:   No   Yes   [Previous Program N	ew Pro	ogram ]	Date:							
		ΑC	VISING	<b>;</b>							
Date(mm/dd/y	r) Advisor's Signature					(	Comme	ent/s			
1											

Academic Ac	dvisor:		9	School	Year:						
	Semester III					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
HIS/**CRS OPEN	Any HIS/CRS Open Elective	3									
PHIL 101	Philosophy of Ethics	3									
CIS OPEN	Any CIS/CNT Elective	3									
Recommer	nded Total Credit Hours										
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status	meste	r □or Cu	mulati	ve □]						
Program Char	nge: □No □Yes [Previous Program Ne	ew Pro	gram ]D	ate:							
	or Degree Completion/Graduation: 31credits or more	□No	□Y€	es		Respons	e:□No	□Y€	es		

Academic A	dvisor:			Schoo	ol Year	:					
	Semester IV					Repeated Attempts (if applicable)					
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
FLA OPEN	Intermediate Spanish or Another Foreign Language	3									
**THE 200 OPEN	Any 200 Level Theology Course	3									
**ENG 200 OPEN	ENG 200 OPEN Literature Course	3									
Recommen	ded Total Credit Hours										
Mid Sem GP	A Semester GPA Cumulative GPA										
Probationar	y Status □No □Yes [S	eme	ster □or	Cumula	ative 🗆]						
			ADVI	SING							
Date (mm/dd/	yr) Advisor's Signature						Comn	nent/s			

## Mathematics Degree Requirements – 76 credits

#### \*GENERALCORE

#### Y Humanities

ENG 110 College Composition I ENG 120 College Composition II

ENG 200 OPEN Any 200 Level Literature Course

FLA OPEN Intermediate Spanish or Other Foreign Language

PHIL 101 Philosophy of Ethics THE 103 Ignatian Spirituality

THE 200 OPEN Any 200 Level Theology Course

#### Y Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

1 Mathematics

MTH 105 Algebra for the Sciences

MTH 115 College Algebra

1 Other

COLL 101 College Seminar

#### **PROFESSIONALCORE**

#### Υ Mathematics

CIS 125	Principles of Programming I
CIS OPEN	CIS OPEN Elective
MTH 119	Trigonometry
MTH 140	Analytic Geometry
MTH 145	Calculus I
MTH 236	Calculus II
MTH 265	Calculus III
MTH 246	Probability and Statistics
MTH 250	Further Sequences and Mathematical
MTH 260	Modeling Linear Algebra
SCI OPEN	SCI OPEN Elective

OPEN Elective Non-Science OPEN Elective

<sup>\*</sup>Student is allowed exemptions from the General Core.

# Mathematics Degree Requirements – 76 credits

Academic Ac	dvisor:			Scho	ol Year	:					
	Pre-Summer					Re	epeated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 105	Algebra for the Sciences	3									
Recommer	ided Total Credit Hours	3								•	•
Semester GP	A Cumulative GPA					_					
Probationary	Status	Semes	ter 🗆 or	Cumula	ative 🗆]						
			ADVI	SING							
Date(mm/dd/y	r) Advisor's Signatui	'e					Comn	nent/s			

Academic A	dvisor:					School	Year:						
	Semester I					Repeated Attempts (if applicable)							
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year		
CIS 125	Principles of Programming I	3											
*ENG 110	College Composition I	3											
**MTH 115	College Algebra	4											
MTH 115R	College Algebra Recitation	0											
**MTH 119	Trigonometry	4											
THE 103	Ignatian Spirituality	3											
COLL 101	College Seminar	1											
Recomme	nded Total Credit Hours	18					I.	I.					
Mid Sem GP	A Semester GPA Cumulative GPA												
Probationar	y <b>Status</b>   No   Yes [Semester nge:   No   Yes [Previous Program				Date:								
			ADVISI	NG									
Date(mm/dd/	yr) Advisor's Signature					С	ommer	nt/					

<sup>\*</sup>Students may be required to take additional preparatory courses based on previous grades

visor:			Sch	ool Ye	ar:					
Seme	ster II				Rep	eated	Attem	pts (if app	olicable)	
Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
CIS OPEN Elective	3									
College Composition II	3									
SCI OPEN Elective	3									
Analytic Geometry	3									
Calculus I	4									
Calculus I Recitation	0									
Introduction to Research Methods	3									
ed Total Credit Hours	19									
Semester GPA Cumulative GPA	<u> </u>									
	-				□]					
		AD'	VISING	ì						
Advisor's Signa	ture					Comn	nents			
	Course Description  CIS OPEN Elective  College Composition II  SCI OPEN Elective  Analytic Geometry  Calculus I  Calculus I Recitation  Introduction to Research Methods  ed Total Credit Hours  Semester GPA Cumulative GPA  Status   No   Yes  E:   No   Yes   [Previous Progress)	Course Description Cr CIS OPEN Elective 3 College Composition II 3 SCI OPEN Elective 3 Analytic Geometry 3 Calculus I 4 Calculus I Recitation 0 Introduction to Research Methods 19 Semester GPA Cumulative GPA Status No Yes [Semester No Yes [Semester No Yes [Previous Program No Introduction No Introduction Introductio	Course Description Cr Grade CIS OPEN Elective 3 College Composition II 3 SCI OPEN Elective 3 Analytic Geometry 3 Calculus I 4 Calculus I Recitation 0 Introduction to Research Methods ed Total Credit Hours 19 Semester GPA Cumulative GPA Status No Yes [Semester of AD)	Course Description Cr Grade Sem  CIS OPEN Elective 3  College Composition II 3  SCI OPEN Elective 3  Analytic Geometry 3  Calculus I 4  Calculus I Recitation 0  Introduction to Research Methods  ed Total Credit Hours 19  Semester GPA Cumulative GPA  Status No Yes [Semester or Cum e: No Yes [Previous Program New Program]	Course Description Cr Grade Sem Year  CIS OPEN Elective 3	Semester II  Course Description Cr Grade Sem Year Grade  CIS OPEN Elective 3 College Composition II 3 SCI OPEN Elective 3 Analytic Geometry 3 Calculus I Calculus I Recitation 0 Introduction to Research Methods ed Total Credit Hours  Semester GPA Cumulative GPA  Status  No Yes [Semester or Cumulative ] e: No Yes [Previous Program New Program] Date:  ADVISING	Semester II Repeated A   Course Description Cr Grade Sem Year Grade Sem   CIS OPEN Elective 3 — — —   College Composition II 3 — — —   SCI OPEN Elective 3 — — —   Analytic Geometry 3 — — —   Calculus I 4 — — —   Calculus I Recitation 0 — — —   Introduction to Research Methods 3 — — —   ed Total Credit Hours 19    Semester GPA Cumulative GPA  Status  No   Yes   Semester   or Cumulative       Status No   Yes   Semester   or Cumulative       e:   No   Yes   [Previous Program New Program   Date:   ADVISING	Course Description Cr Grade Sem Year Grade Sem Year  CIS OPEN Elective 3	Semester II  Course Description Cr Grade Sem Year Grade Sem Year Grade CIS OPEN Elective 3 College Composition II 3 SCI OPEN Elective 3 Analytic Geometry 3 Calculus I Calculus I Recitation Introduction to Research Methods ed Total Credit Hours  Semester GPA Cumulative GPA  Status  No Yes [Semester or Cumulative G] E: No Yes [Previous Program New Program] Date:  ADVISING	Semester II  Course Description Cr Grade Sem Year Grade Sem Year Grade Sem CIS OPEN Elective 3

### \*\*for courses requiring prerequisites

Academic Advi	sor:			Sch	ool Yea	ar:					
	Semester III					Re	peated	Atter	npts (if a	pplicable	)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
HIS/**CRS A	ny HIS/CRS Course	3									
PHIL 101 P	hilosophy of Ethics	3									
**MTH 236 C	Calculus II	4									
MTH 236R C	Calculus II Recitation	0									
**MTH 246 F	Probability and Statistics	4									
	ntermediate Spanish or Another Foreign Language	3									
Recommende	d Total Credit Hours	17									
Mid Sem GPA Se	emester GPA Cumulative GPA										
Probationary St	atus □No □Yes	[Seme	ster 🗆 (	or Cum	ulative [	□]					
Program Change	: □No □Yes [Previous Program	New F	Progran	n ]Date	:						
	Degree Completion/Graduation of the Completion o	on:□N	0	□Yes		Resp	onse:	No	□Yes		
			Α	DVISIN	IG						
Date(mm/dd/yr)	Advisor's Signatur	e					Com	ment/	S		

sor:		•	Scho	ol Year	:			•	•	<u> </u>				
Semester IV					Repeated Attempts (if applicable)									
Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year				
OPEN Non-Science Elective	3													
Any 200 Level Literature Course	3													
Further Sequences and Mathematical Modeling	3													
Linear Algebra	3													
Any 200 Level Theology Course	3													
Calculus III	4													
ed Total Credit Hours	19													
emester GPA Cumulative GPA_														
atus □No □Yes [S	Semes	ster 🗆 o	r Cumul	ative □]										
		ADVI	SING											
Date(mm/dd/yr) Advisor's Signature						Comment/s								
	Semester IV  Course Description  OPEN Non-Science Elective  Any 200 Level Literature Course  Further Sequences and Mathematical Modeling Linear Algebra  Any 200 Level Theology Course Calculus III ed Total Credit Hours emester GPA Cumulative GPA_ atus  No   Yes [S	Semester IV  Course Description Cr  OPEN Non-Science Elective 3  Any 200 Level Literature Course Further Sequences and Mathematical Modeling Linear Algebra 3  Any 200 Level Theology Course 3  Calculus III 4  ed Total Credit Hours 19  emester GPA Cumulative GPA  atus No Yes [Semes	Semester IV  Course Description Cr Grade  OPEN Non-Science Elective 3  Any 200 Level Literature 3  Further Sequences and Mathematical Modeling  Linear Algebra 3  Any 200 Level Theology Course 3  Calculus III 4  ed Total Credit Hours 19  emester GPA Cumulative GPA  atus No Yes [Semester of ADVI	Semester IV  Course Description Cr Grade Sem  OPEN Non-Science Elective 3 Any 200 Level Literature Course Further Sequences and Mathematical Modeling Linear Algebra 3 Any 200 Level Theology Course 3 Calculus III 4 ed Total Credit Hours 19 emester GPA Cumulative GPA  atus No Yes [Semester or Cumulative]	Semester IV  Course Description Cr Grade Sem Year  OPEN Non-Science Elective 3 Any 200 Level Literature Course Further Sequences and Mathematical Modeling Linear Algebra 3 Any 200 Level Theology Course 3 Calculus III 4 ed Total Credit Hours 19 emester GPA Cumulative GPA  atus No Yes [Semester or Cumulative ] ADVISING	Semester IV  Course Description  Cr Grade Sem Year Grade  OPEN Non-Science Elective 3  Any 200 Level Literature Course Further Sequences and Mathematical Modeling Linear Algebra 3  Any 200 Level Theology Course 3  Calculus III  ed Total Credit Hours  The Semester GPA Cumulative GPA  atus  No Yes [Semester or Cumulative ]  ADVISING	Semester IV  Course Description  Cr Grade Sem Year Grade Sem  OPEN Non-Science Elective 3  Any 200 Level Literature Course  Further Sequences and Mathematical Modeling  Linear Algebra 3  Any 200 Level Theology Course 3  Calculus III  ed Total Credit Hours  In any 200 Level Thours  The description Advising  Repeated  Sem Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Year Grade Sem  Further Sequences and  Mathematical Modeling  13  Linear Algebra 3  Any 200 Level Theology Course 3  Calculus III  ADVISING	Semester IV  Course Description  Cr Grade Sem Year Grade Sem Year  OPEN Non-Science Elective 3  Any 200 Level Literature Course  Further Sequences and Mathematical Modeling  Linear Algebra 3  Any 200 Level Theology Course 3  Calculus III  ed Total Credit Hours  In any 200 Level Thours  ADVISING	Semester IV  Course Description  Cr Grade Sem Year Grade Sem Year Grade OPEN Non-Science Elective Any 200 Level Literature Course Further Sequences and Mathematical Modeling Linear Algebra Any 200 Level Theology Course Calculus III  ad Total Credit Hours  No Yes [Semester or Cumulative ]  ADVISING	Semester IV  Course Description  Cr Grade Sem Year Grade Sem Year Grade Sem OPEN Non-Science Elective  Any 200 Level Literature Course  Further Sequences and Mathematical Modeling  Linear Algebra  Any 200 Level Theology Course  Calculus III  Ad Total Credit Hours  No Yes [Semester or Cumulative ]  ADVISING				

<sup>\*\*</sup>for courses requiring prerequisites

## Math and Chemistry Degree Requirements – 77 Credits

#### \*GENERALCORE

#### 1 Humanities

ENG 110	College Composition I
ENG 120	College Composition II
FLA OPEN	Intermediate Spanish or Other Foreign Language
PHIL 101	Philosophy of Ethics
THE 103	Ignatian Spirituality
THE 200 OPEN	Any 200 Level Theology Course

#### Y Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

#### <sup>1</sup> Mathematics

MTH 105 Algebra for the Sciences

MTH 115 College Algebra

1 Other

COLL 101 College Seminar

#### **PROFESSIONALCORE**

Y Chemistry	BIO 131	Cellular Biology
	BIO 131L	Cellular Biology LAB
	CHE 123	Principles of Chemistry I
	CHE 123L	Principles of Chemistry I Lab
	CHE 129 CHE 129L	Principles of Chemistry II Lab
	CHE 136	Principles of Chemistry II Fundamental Organic Chemistr
	CHE 140	Biochemistry
	CHE 140L	Biochemistry LAB
	CHE 230	Analytical Methods in Chemistr
	CHE 234	Organic Chemistry
	CHE 234L	Organic Chemistry LAB
	CHE 239	Inorganic Chemistry
	CHE 239L	Inorganic Chemistry LAB
Math	MTH 119	Trigonometry
	MTH 140	Analytic Geometry
	MTH 145	Calculus I
	MTH 236	Calculus II
	MTH 265	Calculus III

<sup>\*</sup>Student is allowed exemptions from the General Core.

# Math and Chemistry Degree Requirements – 81 Credits

Academic Ad	visor:			Schoo	ol Year:	:					
	Pre-Summer					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 105	Algebra for the Sciences	3									
Recommen	ded Total Credit Hours	3									
Semester GPA	Cumulative GPA					-					
Probationary	Status □No □Yes [S	emes	ter 🗆 or	Cumula	ative 🗆]						
			ADVIS	SING							
Date(mm/dd/y	Advisor's Signature						Comn	nent/s			

Academic A	dvisor:					School	Year:				
	Semester I					Rep	eated	Attem	pts (if ap	oplicab	le)
Course Code	Course Description	Cr	Grad e	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
*CHE 123	Principles of Chemistry I	3									
CHE 123L	Principles of Chemistry I Lab	1									
*ENG 110	College Composition I	3									
**MTH 115	College Algebra	4									
MTH 115R	College Algebra Recitation	0									
**MTH 119	Trigonometry	4									
BIO 131	Cellular Biology	3									
BIO 131L	Cellular Biology LAB	1									
COLL 101	College Seminar	1									
Recommer	nded Total Credit Hours	20									
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	∕ Status □No □Yes [Semester	□ or C	umula	tive □]							
Program Char	nge: □No □Yes [Previous Program		New Pr	ogram	]Date:						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			

<sup>\*</sup>Students may be required to take additional preparatory courses based on previous grades

Academic Ad	visor:	Sch	nool Ye	ear:							
	Semester II					Re	peated	Attem	<b>pts</b> (if ap	plicable	)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 129	Principles of Chemistry II	3									
CHE 129L	Principles of Chemistry II Lab	1									
**CHE 136	Fundamental Organic Chemistry	3									
**CHE 140	Biochemistry	3									
CHE 140L	Biochemistry LAB	1									
**ENG 120	College Composition II	3									
**MTH 140	Analytic Geometry	3									
**MTH 145	Calculus I	4									
**MTH 145R	Calculus   Recitation	0									
SOC 121	Introduction to Research Methods	3									
Recommend	ded Total Credit Hours	24									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes [Semes	ster 🗆	or Cum	ulative	□]						
Program Chang	ge: □No □Yes [Previous Program Ne	w Pro	ogram ]	Date:							
		AD	VISING	ì							
Date(mm/dd/y	Advisor's Signature					(	Comme	ent/s			

<sup>\*\*</sup>for courses requiring prerequisites

Academic A	dvis	or:				Schoo	l Year:						
		Semeste	r III					R	epeated	Attem	pts (if ap	plicable	)
Course Code	Co	urse Description		Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 230		alytical Methods in emistry		3									
**CHE 234	Or	ganic Chemistry		3									
CHE 234L	Or	ganic Chemistry Lab		1									
HIS/**CRS OPEN	HIS	/CRS OPEN Elective		3									
**MTH 236	Ca	lculus II		4									
MTH 236R	Ca	lculus II Recitation		0									
THE 103	Igr	atian Spirituality		3									
Recomme	nde	d Total Credit Hours		17									
Mid Sem GP	A Sei	mester GPA Cumulative	GPA										
Probationar	y Sta	itus □No	□Yes [Se	mest	er 🗆 or	Cumula	tive □]						
	-	□No □Yes [Previous Pro	gram Ne	w Pro	ogram 1	Date:	-						
			B. u		. G 1								
		egree Completion/Gradone 31 credits or more	duation:	□No		⁄es		Respon	se:□No	) □Y	'es		
					ADV	ISING							
Date(mm/dd	/yr)	Advisor's S	gnature						Comm	nent/			
Academic A	منده	<b></b>				Schoo	I Voor						
Academic A	avis	or: Semeste	r IV			SCHOO	i Year:	l R	eneated	l Attem	pts (if ap	nlicable	)
Course	Τ,			0"	Cuada	Cama	Year	Grade	1	1	1	1	1
Code	'	Course Description		Cr	Grade	Sem	rear	Grade	Sem	Year	Grade	Sem	Year
**CHE 239	I	norganic Chemistry		3									
CHE 239L	I	norganic Chemistry La	b	1									
FLA OPEN		ntermediate Spanish or A Foreign Language	nother	3									
**THE 200 OPEN	,	Any200 Level Theology Co	urse	3									
PHIL 101	ı	Philosophy of Ethics		3									
MTH 265	(	Calculus III		4									
Recomme	nde	d Total Credit Hours		17									
Mid Sem GP	A Sei	nester GPA Cumulative	GPA										
Probationar	y Sta	itus □No	□Yes [Se	mest	er 🗆 or	Cumula	tive □]						
					ADVI	SING							
Date(mm/dd/	yr)			Α	dvisor'	s Signa	ture			Comm	ent/s		

### PRE-NURSING DEGREE **REQUIREMENTS – 90 CREDITS**

### \*GI

GENERAL CORE		
☐ Humanities		
	ENG 110	College Composition I
	ENG 120	College Composition II
	FLA OPEN	Intermediate Spanish or Other Foreign Language
	THE 103 THE 200	Ignatian Spirituality Any 200 Level Theology Course
	OPEN	Ally 200 Level Theology Course
☐ Social Sciences		
	SOC 121	Introduction to Research Methods
	PSY 115	Introduction to Psychology
	PSY 125	Developmental Psychology
☐ Mathematics		
	MTH 103	Intermediate Algebra
	MTH 116	Probability and Statistics for the Social Scientist
☐ Other	COLL 101	College Seminar
*Student is granted	evenntions from	the General Core
ROFESSIONAL CORE	exemptions from	the deficial core.
Υ Biology	BIOL 1300	Human Anatomy & Physiology I
	BIOL 1300L	Human Anatomy & Physiology I Human Anatomy and Physiology Lab
	BIOL 1300L	Human Anatomy and Physiology II

#### PRO

_ 0		
*Student is granted e	xemptions from	the General Core.
FESSIONAL CORE		
Υ Biology		
	BIOL 1300	Human Anatomy & Physiology I
	BIOL 1300L	Human Anatomy and Physiology Lab
	BIOL 1320	Human Anatomy and Physiology II
	<b>BIOL 1320L</b>	Human Anatomy and Physiology II Lab
	BIOL 2200	Microbiology
	BIOL 2200L	Microbiology Lab
Υ Chemistry		
	CHEM 1161	Life Science Chemistry
	CHEM 1161L	Life Science Chemistry Lab
Υ Nursing		
	NURS 2070	Introduction to Professional Nursing
	NURS 2050	First Aid and Basic Life Support
	NURS 2122	Physical Assessment Across the Lifespan Theory
	NURS 2122L	Physical Assessment Across the Lifespan Lab
	NURS 2205	Pharmacology
	NURS 2206	Nutrition
	NURS 2120	Adult Health I Theory
	NURS 2120L	Adult Health I Lab
	NURS 2120C	Adult Health I Clinical
	NURS 2244	Childbearing Theory I (Obstetrics)
	NURS 2250	Child Health Theory
	NURS 2250C	Child Health Clinical
	NURS 2252	Psychiatric Mental Health Theory I
	NURS 2270	Nursing Practicum

## PRE-NURSING DEGREE FULL-TIME REQUIREMENTS – 90 CREDITS

Academic Ad	lvisor:					School	Year:				
	Semester I					Rep	eated	Attem	<b>pts</b> (if ap	plicabl	e)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
BIOL 1300	Human Anatomy & Physiology I	3									
BIO 1300L	Human Anatomy & Physiology I Lab Cellular Biology Lab	1									
*CHEM 1161	Life Science Chemistry	3									
CHEM 1161L	Life Science Chemistry Lab	1									
*ENG 110	College Composition I	3									
COLL 101	College Seminar	1									
*MTH 103	Intermediate Algebra	3									
PSY 115	Introduction to Psychology	3									
Recommen	ded Total Credit Hours	18									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status YNo YYes [Semester Y	or Cui	mulative	Υ]							
Program Chang	ge: YNo YYes [Previous Program		New Pro	gram	Date:						
		1	ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			

<sup>\*</sup>Students may be required to take additional preparatory courses based on previous grades

Academic A	dvisor:		Sch	ool Ye	ar:						
	Semester II					Re	peated	Attem	pts (if ap	plicable	)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
NURS 2070	Introduction to Professional Nursing	3									
BIOL 1320	Human Anatomy and Physiology II	3									
BIOL 1320L	Human Anatomy and Physiology II Lab	1									
BIOL 2200	Microbiology	3									
BIOL 2200L	Microbiology Lab	1									
ENG 120	College Composition II	3									
THE 103	Ignatian Spirituality	3									
PSY 125	Developmental Psychology	3									
Recommen	Recommended Total Credit Hours										

Mid Sem GPA Ser	mester GPA	A Cumulativ	e GPA			
Probationary Sta	atus	ΥNo	YYes [Semester Yor C	umulative Y]		
Program Change: Y	No YYes	[Previou	s Program New Prog	ram ]Date:		
			ADV	ISING		
Date(mm/dd/yr)		Advisor's	Signature		Comment/s	

Academic Adv	visor:		S	chool	Year:							
	Summer I					Repeated Attempts (if applicable)						
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Yea	
NURS 2050	First Aid and Basic Life Support	0										
NURS 2122	Physical Assessment Across the Lifespan	3										
NURS 2122L	Physical Assessment Across the Lifespan Lab	1										
SOC 121	Introduction to Research Methods											
Recommend	ded Total Credit Hours	7				•	·	·	Ш	·		

Probationary Status  $\Upsilon$ No  $\Upsilon$ Yes [Semester  $\Upsilon$ or Cumulative  $\Upsilon$ ]

Program Change: YNo YYes [Previous Program New Program ]Date:

Application for Degree Completion/Graduation: YNo YYes Response: YNo YYes

If you've done 31 credits or more

Academic Ad	visor:		9	chool	Year:							
	Semester III					Re	peated	Attem	ots (if app	plicable)		
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year	
THE 200 OPEN	Theology 200	3										
NURS 2230	Adult Health I Theory	3										
NURS 2230L	Adult Health I Lab	1										
NURS 2230C	Adult Health I Clinical	3										
NURS 2205	Pharmacology	3										
MTH 116	Probability and Statistics for the Social Scientist	4										
Recommen	Recommended Total Credit Hours		•			•			•			

Mid Sem GPA Semester GPA Cu	ımulativ	e GPA			_
Probationary Status	ΥNo	□Yes [Semester □o	r Cumulative □]		
Program Change: □No □Yes [Pre	vious Pro	gram New Program	]Date:		
Application for Degree Comple If you've done 31 credits or	•	duation:□No	□Yes	Response:YNo	□Yes

Academic A	dvisor:			Scho	ol Year	:					
	Semester IV					Re	peated	Attem	ots (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
NURS 2206	Nutrition	3									
NURS 2244	Childbearing Theory I (Obstetrics)	3									
NURS 2250	Child Health Theory (Pediatrics)	3									
NURS 2250C	Child Health Clinical	3									
NURS 2252	Psychiatric Mental Health Theory I	3									
FLA Language Elective	Foreign Language Elective	3									
Recommen	ded Total Credit Hours	18									
	A Semester GPA Cumulative GPA										
Probationary	Status YNo YYes [Se	emest	er Yor C	umulativ	ve Υ]						
			ADVIS	SING							
Date(mm/dd/)	Advisor's Signature						Comn	nent/s			

Academic Ad	lvisor:		9	chool	Year:						
	Summer II					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
NURS 2270	Nursing Practicum	10									
Recommen	Recommended Total Credit Hours 10										
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status YNo YYes [Ser	nester	Yor Cum	nulative	Υ]						
Program Chang	Program Change: YNo YYes [Previous Program New Program ]Date:										
• •	Application for Degree Completion/Graduation: YNo YYes Response: YNo YYes If you've done 31 credits or more										