# BIOLOGY AND CHEMISTRY DEGREE REQUIREMENTS – 79 CREDITS

## \*GENERAL CORE

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		ulli	an	IILI	<b>C</b> 3

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

 $\ \square$  Other

COLL 101 College Seminar

### **PROFESSIONALCORE**

□ Biology		
□ blology	BIO131	Cellular Biology
	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
- Chomistry		
□ 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 A	dvisor:	•	•	•	•	School	Year:	•	•	•	
	Semester I					Rep	eated	Attem	pts (if a	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									
Recomme	nded Total Credit Hours	18			I	<b>4</b>	ı		•		
Mid Sem GP	A Semester GPA Cumulative GPA_ / Status	or 🗆 o	or Cumu	lativo	¬1						
·	nge: □No □Yes [Previous Program				_						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					C	commer	nt/s			

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

Semester II  Course Description	Cr				Re	hatean	Attom	nts /if an	nlicable	1
·	Cr				Repeated Attempts (if applicable)					
5		Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
Biochemistry	3									
Biochemistry Lab	1									
Principles of Chemistry II	3									
Principles of Chemistry II Lab	1									
Fundamental Organic Chemistry	3									
College Composition II	3									
Pre-Calculus	3									
Introduction to Research Methods	3									
led Total Credit Hours	20						•		•	
Semester GPA Cumulative GPA										_
Status □No □Yes [Seme	ster	or Cur	mulativ	⁄e □]						
ge: □No □Yes [Previous Program Ne	w Pro	ogram ]	Date:							
ADVISING										
) Advisor's Signature					(	Comme	nt/s			
	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Fundamental Organic Chemistry College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours Semester GPA Cumulative GPA Status  No Yes [Semester GPA Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry  College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours  Semester GPA Cumulative GPA  Status  No Yes [Semester GPA Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry  II	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry  College Composition II Pre-Calculus Introduction to Research Methods add Total Credit Hours  Semester GPA Cumulative GPA Status No Yes [Semester GPA Composition II Pre-Calculus Introduction to Research Methods Introduction to	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours Cemester GPA Cumulative GPA Status No Yes [Semester or Curulative GPA] Status Received Previous Program New Program ADVISING	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours Semester GPA Cumulative GPA Status No Yes [Semester or Cumulative GPA IN	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours Semester GPA Cumulative GPA Status No Yes [Semester or Cumulative or	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours Semester GPA Cumulative GPA Status No Yes [Semester or Cumulative] ge: No Yes [Previous Program New Program]Date: ADVISING	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours Composition II Pre-Calculus Introduction to Research Methods Semester GPA Cumulative GPA Composition II Pre-Calculus Introduction to Research Methods Semester GPA Cumulative GPA Composition II Semester GPA Cumulative GPA Composi	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry College Composition II Pre-Calculus Introduction to Research Methods ed Total Credit Hours Composition II Semester GPA Cumulative GPA  Status  No Yes [Semester or Cumulative I] Status  ADVISING	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry  College Composition II Pre-Calculus  Introduction to Research Methods ed Total Credit Hours  Semester GPA Cumulative GPA  Status No Yes [Semester or Cumulative]  Ge: No Yes [Previous Program New Program] Date:  ADVISING	Biochemistry Lab Principles of Chemistry II Principles of Chemistry II Lab Principles of Chemistry II Lab Fundamental Organic Chemistry  College Composition II Pre-Calculus Introduction to Research Methods  ed Total Credit Hours  Semester GPA Cumulative GPA  Status No Yes [Semester or Cumulative]  ge: No Yes [Previous Program New Program] Date:  ADVISING

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

Academic Adv	visor:		S	chool	Year:						
	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									
**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									
Recommend	ded Total Credit Hours	20									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary S	Status □No □Yes [Se	mest	er □or (	Cumula	ative 🗆]						
Program Chang	Program Change: □No □Yes [Previous Program New Program ]Date:										
• •	or Degree Completion/Graduation e done 31 credits or more	:□No	□Ye	es		Respons	e:□No	□Ye	<u>e</u> s		

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

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

Academic A	dvisor:			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
**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	√ Status □No □Yes [	Seme	ester 🗆 o	or Cumi	ulative	□]					
			ADVI	SING							
Date(mm/dd/y	Advisor's Signature	)					Comn	nent/s			

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

#### **BIOLOGY**

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

#### **GENERAL CORE**

☐ 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

☐ Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

■ Mathematics

MTH 103 Intermediate Algebra

MTH 109 Pre-Calculus

□ Computer Science

CIS OPEN Any CIS/CGD/CNT Elective

 $\square$  Other

COLL 101 College Seminar

#### **PROFESSIONALCORE**

□ 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		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
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											
Program Cha	nge: □No □Yes [Previous Program		_New Pr	ogram	]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 app	olicable	)
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	3									
SOC 121	Introduction to Research Methods	3									
Recommend	led Total Credit Hours	17								•	
Mid Sem GPA	Semester GPA Cumulative GPA										_
Probationary :	robationary Status □No □Yes [Semester □or Cumulative □]										
Program Chan	ge: □No □Yes [Previous Program Ne	w Prc	ogram ]	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 Ac	dvisor:		·	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
**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									
Recommen	ded Total Credit Hours	20									
Mid Sem GPA	Semester GPA Cumulative GPA_										
Probationary	Status	Seme	ester 🗆 c	or Cum	ulative	□]					
Program Cha	nge: □No □Yes [Previous Progran	n New	/ Progra	ım ]Da	te:						
	for Degree Completion/Graduati ve done 31 credits or more	on:□l	No 🗆	Yes		Respo	nse:□N	lo 🗆	Yes		
			ADVIS	SING							
Date(mm/dd/y	r) Advisor's Signature						Comme	ent/s			

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

Academic A	Advisor:		School Year:								
	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									
Recomme	ended Total Credit Hours	19				_					
Mid Sem G	PA Semester GPA Cumulative GPA	۸									
Probationa	ry Status □No □Ye	s [Seme	ester 🗆	or Cum	ulative	□]					
	ADVISING										
Date(mm/dd	/yr) Advisor's Signati	ure					Comn	nent/s			

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

#### **CHEMISTRY**

## **Degree Requirements: 75 Credits**

#### **GENERAL CORE**

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	11	un	ıaı	11 (.)	10.3

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

#### ☐ Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

■ Mathematics

MTH 103 Intermediate Algebra

MTH 109 Pre-Calculus

☐ Computer Science

CIS OPEN Any CIS/CGD/CNT Elective

 $\square$  Other

COLL 101 College Seminar

## **PROFESSIONALCORE**

☐ Chemistry

CHE123	Principles of Chemistry I
CHE123L	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
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>

# Chemistry Degree Requirements – 75 credits

Academic A	Academic Advisor: 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
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									
Recommer	nded Total Credit Hours	18									
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	Status    No    Yes [Semester]	er 🗆 c	r Cumu	lative [	□]						
Program Cha	nge: □No □Yes [Previous Program		_New Pr	ogram	] Date:						
			ADVISI	NG							
Date (mm/dd/yr) Advisor's Signature Comment/s											

Academic Ad	visor:	School Year:										
	Semester II					Repeated Attempts (if applicable)						
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	Probationary Status □No □Yes [Semester □ or Cumulative □]											
Program Chan	Program Change: □No □Yes [Previous Program New Program ]Date:											

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

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

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

Academic Ac	lvisor:			Scho	ol Yea	r:					
	Semester III					Re	peated	Attem	pts( if app	licable)	l
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									
Recommer	ided Total Credit Hours	20									
Mid Sem GPA	Semester GPA Cumulative GPA_										
Probationary Program Chai	Status				nulative ite:	e □]					
	Application for Degree Completion/Graduation:□No □Yes Response:□No □Yes  If you've done 31 credits or more										
			ADVI	SING							
Date(mm/dd/y	r) Advisor's Signature	9					Comn	nent/s			
				[							

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

Academic Ad	visor:	School Year:										
	Semester IV					Re	peated	Attemp	ots (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										
Recommen	ded Total Credit Hours	20										
Mid Sem GPA	Semester GPA Cumulative GPA											
Probationary :	Status	Seme	ster 🗆	or Cum	ulative	□]						
			ADVIS	SING								
Date(mm/dd/yr)	Advisor's Signature	Advisor's Signature Comment/s										

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

## PRE-ENGINEERING

# **Degree Requirements: 83 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	Ignatian Spirituality
	THE 200 OPEN	Any 200 Level Theology Course
☐ Social Sciences		
	SOC 121	Introduction to Research Methods
☐ Mathematics		
	MTH 105	Algebra for the Sciences
	MTH 115	College Algebra
*Student is granted e	exemptions from the	e General Core.
ROFESSIONAL CORE		

# PRO

ROFESSIONAL CORE		
ĭ Math		
	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
Chemistry		
	CHE 123	Principles of Chemistry I
	CHE 123L	Principles of Chemistry I Lab
Y Computer Science		
	CIS 125	Principles of Programming I
Y 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
Y 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: 83 Credits

Academic Ac	lvisor:					School Year:							
	SUMMER I			Repeated Attempts (if applicable)									
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year		
MTH 105	Algebra for the Sciences	3											
Recommend	ded Total Credit Hours	3											
Mid Sem GPA	Semester GPA Cumulative GPA_												
Probationary	Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]									
Program Chan	ge: □No □Yes [Previous Program _		_New Pr	ogram	]Date:								
			ADVISI	NG									
Date (mm/dd/yr)	Anvisor's Signature Comment/s												
						·			·				

Academic A	Academic Advisor: School Year:												
Academic A	Semester I					Repeated Attempts (if applicable)							
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											
Recommen	ded Total Credit Hours	18											
Mid Sem GPA	A Semester GPA Cumulative GPA_												
Probationary	∕ Status  □No  □Yes [Semeste	r 🗆 or	Cumula	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					

Academic Advisor:	School Year:

	Semester II			Repeated Attempts (if applicable)									
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	1											
ENG 120	College Composition II	3											
THE 103	Ignatian Spirituality	3											
MTH 140	Analytical Geometry	3											
Recommen	ded Total Credit Hours	18											
Probationary	A Semester GPA Cumulative GPA_ y Status				]Date:								
			ADVISI	NG									
Date (mm/dd/yr)	Advisor's Signature					С	ommei	nt/s					

Academic Ac	luicor:					School	Voor				
Academic Ac								• • •	. /:		
	SUMMER II					Rep	peated	Attem	pts (if ap	plicab	ie)
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									
Recommend	ded Total Credit Hours	6									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]							
Program Chan	ge: □No □Yes [Previous Program _		_New Pr	ogram	]Date:						
			ADVISI	ING							
Date (mm/dd/yr)	Advisor's Signature		Comment/s								
								· ·		· ·	

Academic Advisor:	School Year:

	Semester III			Repeated Attempts (if app							
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	nded Total Credit Hours	21									
Probationar	A Semester GPA Cumulative GPA y Status □No □Yes [Semeste nge: □No □Yes [Previous Program _				]Date:						
			ADVIS	ING							
Date (mm/dd/yr)	Advisor's Signature					С	ommei	nt/s			

Academic Advisor: School Year:											
	Semester IV					Rep	eated	Attem	pts (if ap	plicab	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	Physics III Lab	1									
ENGR 205	Statics	3									
SOC 121	Introduction to Research Methods	3									
BUS 105	Principles of Management	3									
Recommen	ded Total Credit Hours	17									
Mid Sem GPA	A Semester GPA Cumulative GPA_										
Probationary	y Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]							
Program Chai	nge: No Yes [Previous Program _		_New Pr	ogram	]Date:						
			ADVIS	ING							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			

# PRE-ENGINEERING PART-TIME Degree Requirements: 83 Credits

Academic Ad	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
MTH 105	Algebra for the Sciences	3									
CHE 123	Principles of Chemistry I	3									
CHE 123L	Principles of Chemistry I Lab	1									
ENGR 105	Technical Drawing	3									
ENG 110	College Composition I	3									
Recommend	led Total Credit Hours	13		I .					l		
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]							
Program Chan	ge: □No □Yes [Previous Program _		_New Pr	ogram	]Date:						
			ADVISI	ING							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			

Academic A	dvisor:	Semester II  e Description  Cr Grade Sem Year Grade									
	Semester II			Sem Year Grade Sem Year Grade Sem Ye						le)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 115	College Algebra	4									
MTH 119	Trigonometry	4									
SOC 121	Introduction to Research Methods	3									
ENGR 110	Computer-Assisted Drawing	1									
Recommen	ded Total Credit Hours	12					•				
Probationary	-				lDate:						
T TOGITATITI CITA	inge. = No = res [r revious r rogrum			ogram	Juacc.						
			ADVIS	ING							
Date (mm/dd/yr)	Advisor's Signature					С	omme	nt/s			

Academic Ac	cademic Advisor:							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				
ENG 120	College Composition II	3													
THE 103	Ignatian Spirituality	3													
Recommend	ecommended Total Credit Hours 6														
Mid Sem GPA	Semester GPA Cumulative GPA_														
Probationary	Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]											
Program Char	ge: □No □Yes [Previous Program _		_New Pr	ogram	]Date:										
			ADVIS	ING											
Date (mm/dd/yr)	Advisor's Signature	Advisor's Signature Comment/s													
							•		•	•	•				

Academic Ad	visor:			School Year:									
	Semester III					Rep	eated	Attem	pts (if ap	plicab	le)		
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year		
MTH 140	Analytic Geometry	3											
MTH 145	Calculus I	4											
PHY 105	Physics I	3											
PHY 105L	Physics I Lab	1											
BUS 105	Principles of Management	3											
Recommend	led Total Credit Hours	14											
Mid Sem GPA	Semester GPA Cumulative GPA												
Probationary	Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]									
Program Chan	ge: □No □Yes [Previous Program _		_New Pr	ogram	]Date:								
			ADVISI	NG									
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s					
		•		•									
		_											

Academic A	dvisor:					School	Year:				
	Semester IV					Rep	eated	Attem	pts (if ap	plicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 236	Calculus II	4									<u> </u>
MTH 260	Linear Algebra	3									
PHY 210	Physics II	3									
PHY 210L	Physics II Lab	1									
Recommen	ded Total Credit Hours	11									
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	∕ Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]							
•	-			_							
Program Chai	nge: No Yes [Previous Program _		_New Pr	ogram	]Date:						
	-		ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			
Academic A	dvisor:					School	Year:				
	SUMMER II		•			Rep	eated	Attem	pts (if ap	plicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
ENG 216	Critical Thinking	3									
Recommen	ded Total Credit Hours	3									
Mid Sem GP	Aid Sem GPA Semester GPA Cumulative GPA										
Probationary	∕ Status □No □Yes [Semeste	r 🗆 or	Cumula	tive □]							

**ADVISING** 

Comment/s

Program Change: 

No 

Yes [Previous Program \_\_\_\_\_\_New Program ] Date:

Advisor's Signature

Date (mm/dd/yr)

Academic Ac	visor:		School Year:								
	Semester V					Rep	eated	Attem	pts (if ap	plicab	le)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
MTH 246	Probability and Statistics	4									
PHIL 101	Philosophy of Ethics	3									
CIS 125	Principles of Programming I	3									
THE 200 OPEN	Theology 200 OPEN Elective	3									
		Ī									
Recommend	ded Total Credit Hours	13									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status    No    Yes [Semeste	r 🗆 or	Cumula	tive □]							
Program Chan	nge: □No □Yes [Previous Program _		_New Pr	ogram	]Date:						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			

<b>Academic A</b>	dvisor:					School	Year:					
	Semester VI					Rep	eated	Attem	pts (if a	oplicab	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Yea	
PHY 220	Physics III	3										
PHY 220L	Physics III Lab	1										
ENGR 210	Statics	3										
MTH 265	Calculus III	4										
Recommen	ded Total Credit Hours	11								•	•	
Probationar	A Semester GPA Cumulative GF y <b>Status</b>	ester 🗆 or		-	]Date:							
			ADVIS	ING								
Date (mm/dd/yr)	Advisor's Signatu	re	Comment/s									

# **Environmental Science Degree Requirements – 74 credits**

#### \*GENERALCORE

_	TT			
	$\mathbf{H}^{1}$	ıma	nıt	100
ш	ıιι	шпа	unu	162

ENG 110	College Composition I
ENG 120	College Composition II

FLA OPEN Intermediate Spanish or Other Foreign Language

Philosophy of Ethics **PHIL 101** THE 103 **Ignatian Spirituality** 

THE 200 OPEN Any 200 Level Theology Course

## ☐ Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRS Any HIS or CRS Elective

## □ Mathematics

MTH 103 Intermediate Algebra

MTH 116 Probability and Statistics for the Physical or Social Scientist

### $\square$ Other

College Seminar **COLL 101** 

## **PROFESSIONALCORE**

☐ 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									
THE 103	Ignatian Spirituality	3									
COLL 101	College Seminar	1									
Recommen	ded Total Credit Hours	19									
Mid Sem GPA	Semester GPA Cumulative GPA_										
Probationary S	Status □No □Yes [Semest	er 🗆 c	r Cumu	lative [	□]						
Program Chan	ge: □No □Yes [Previous Program		_New Pr	ogram	]Date:						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					C	ommer	nt/s			

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

Academic Ac	dvisor:		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
**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									
*MTH 103	Intermediate Algebra	3									
SOC 121	Introduction to Research Methods	3									
Recommen	ded Total Credit Hours	20						•		•	
	Semester GPA Cumulative GPA										
Probationary	Status	ster [	or Cu	mulati	ve □]						
Program Cha	nge: □No □Yes [Previous Program Ne	w Pro	gram ]	Date:							
		AD	VISING								
Date(mm/dd/y	r) Advisor's Signature					(	Comme	nt/s			

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

Academic A	dvisor:			Scho	ool Yea	ar:					
	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									
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									
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	Status □ No □ Yes[Semes	ster□	or Cum	nulative	e 🗆 l						
	nge:□No□Yes [Previous Program N				_						
	or Degree Completion/Graduation □ 've done 31 credits or more	□No	□Yes		Resp	onse: □N	lo □Y€	es			
			ADVI	SING							
Date(mm/dd/yr	Advisor's Signature						Comi	ment/s			
				<u> </u>							

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

Academic Advis	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									
Recommended	d Total Credit Hours	17		ı				1	I	ı	1
Mid Sem GPA Se	emester GPA Cumulative GPA_										
Probationary St	atus □No □Yes [	Seme	ster 🗆	or Cum	ulative	□]					
			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**

☐ 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

☐ 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

□ Computer Science

CIS OPEN Any CIS/CGD/CNT Elective

 $\square$  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 140, BIO 140L	BIO 231, BIO 231L, BIO 241, BIO 241L
	CHE 123, CHE 123L, CHE 129, CHE 129L, CHE 136	CHE 230, CHE 239, CHE 239L
With	ENS 120, ENS 121, ENS 122	ENS 212, ENS 217, ENS 216, ENS 221
MTH 103	CIS 125, CIS 126, CIS 130, CIS 135	CIS 233, CIS 240, CIS 283, CIS 285, CIS 286, CIS 288
	CNT 125, CNT 135	CNT 225, CNT 235, CNT 250
Choice B	BIO 131, BIO 131L, BIO 140, BIO 140L	BIO 231, BIO 231L, BIO 241, BIO 241L
With	CHE 123, CHE 123L, CHE 129, CHE 129L, CHE 136	CHE 230, CHE 239, CHE 239L
MTH 105	ENS 120, ENS 121, ENS 122	ENS 212, ENS 217, ENS 216, ENS 221
	CIS 125, CIS 126, CIS 130, CIS 135	CIS 233, CIS 240, CIS 283, CIS 285, CIS 286, 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 116, PHY 116L, PHY 120, PHY 130	PHY 205, PHY 216, PHY 216L, PHY 226, PHY 226L, PHY 236, PHY 236L

<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 Advise	or:					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
*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									
Recommended	d Total Credit Hours							I.			
Mid Sem GPA Ser	mester GPA Cumulative GPA										
Probationary Sta	tus □No □Yes [Semeste	er □o	r Cumul	ative 🗆	]]						
Program Change:	□No □Yes [Previous Program		_New Pr	ogram	] Date:						
			ADVISI	NG							
Date (mm/dd/yr)	Advisor's Signature					С	ommer	nt/s			

<b>-</b>											
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
**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	ster 🗆	or Cun	nulativ	e □]						
Program Chan	ge: □No □Yes [Previous Program Ne	ew Pro	ogram ]	Date:							
		AD	VISING	ì							
Date(mm/dd/yr	Advisor's Signature					(	Comme	nt/s			

Academic Ad	visor:		S	chool	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/CGD/CNT Elective	3									
Recommen	ded Total Credit Hours										
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes[Se	emeste	er □or C	cumula	tive □]						
Program Chan	Program Change: □No □Yes [Previous Program New Program ]Date:										
	Application for Degree Completion/Graduation: □No □Yes Response: □No □Yes f you've done 31credits or more										

Academic A	Semester IV  Course Description  Cr Grade Sem Year													
	Semester IV					Re	peated	l Attem						
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year			
FLA OPEN		3												
**THE 200 OPEN	Any 200 Level Theology Course	3												
**ENG 200 OPEN	ENG 200 OPEN Literature Course	3												
JI LIV														
Recommen	ded Total Credit Hours		•					•	•					
Mid Sem GP	A Semester GPA Cumulative GPA													
Probationary	y Status □No □Yes [S	Seme	ester 🗆 c	or Cumi	ulative	□]								
			ADVI	SING										
Date (mm/dd/						Comn	nent/s							
-					-	-	_			-				

# Mathematics Degree Requirements – 72 credits

### \*GENERALCORE

☐ 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

□ Social Sciences

SOC 121 Introduction to Research Methods

HIS/CRSAny HIS or CRS Elective

■ Mathematics

MTH 105 Algebra for the Sciences

MTH 115 College Algebra

□ Other

COLL 101 College Seminar

### **PROFESSIONALCORE**

☐ 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 246	Probability and Statistics
MTH 250	Further Sequences and Mathematical Modeling
MTH 260	Linear Algebra
SCI OPEN	SCI OPEN Elective
<b>OPEN Elective</b>	Non-Science OPEN Elective

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

# Mathematics Degree Requirements – 72 credits

Academic Ad	visor:			School Year:  Repeated Attempts (if applicable)  Sem Year Grade Sem Year Grade Sem Year										
	Pre-Summer					Re	peated	Attem	pts (if app	licable)				
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Grade	Sem	Year					
MTH 105	Algebra for the Sciences	3												
Recommen	ded Total Credit Hours				_									
Semester GPA	A Cumulative GPA													
Probationary	Status □No □Yes [\$	Seme	ster 🗆 o	or Cum	ulative	□]								
			ADVIS	SING										
Date(mm/dd/yr	) Advisor's Signature					Comn	nent/s							

Academic A	dvisor:					School	Year:			applicable) Sem Year							
	Semester I					Re	peated	Attem	pts (if ap	oplicab	le)						
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		•			•		ı	•							
Mid Sem GP	A Semester GPA Cumulative GPA																
Probationary	y Status				Date:												
			ADVISI	NG													
Date(mm/dd/	yr) Advisor's Signature					С	ommen	it/									

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

Academic Adv	visor:			Sch	ool Ye	ar:					
	Semes	ster II				Rep	eated A	Attem	ots (if app	olicable)	
Course	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
CIS OPEN	CIS OPEN Elective	3									
**ENG 120	College Composition II	3									
SCI OPEN	SCI OPEN Elective	3									
Elective											
**MTH 140	Analytic Geometry	3									
**MTH 145	Calculus I	4									
MTH 145R	Calculus I Recitation	0									
SOC 121	Introduction to Research Methods	3									
Recommend	ed Total Credit Hours	19									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary S	Status □No □Yes	s [Sem	ester 🗆	or Cu	mulativ	⁄e □]					
Program Chang	ge: □No □Yes [Previous Prog	gram N	ew Pro	gram ]	Date:						
			AD'	VISING	ì						
Date(mm/dd/yr)	Advisor's Signat	nature Comments									

 $<sup>\</sup>hbox{**for courses requiring prerequisites}\\$ 

Academic A	dvisor:			Sch	ool Yea	r:					
	Semester III					Re	peate	d Atter	npts (if a	pplicable	<del>i)</del>
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
HIS/**CRS OPEN	Any HIS/CRS Course	3									
PHIL 101	Philosophy of Ethics	3									
**MTH 236	Calculus II	4									
MTH 236R	Calculus II Recitation	0									
**MTH 246	Probability and Statistics	4									
FLA OPEN	Intermediate Spanish or Another Foreign Language	3									
Recommen	ded Total Credit Hours	17	l		I		ı		l	I	.!
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	Status	[Sem	ester 🗆	or Cu	mulativ	⁄e □]					
Program Cha	nge: □No □Yes [Previous Progra	m Nev	w Progi	ram ]D	ate:						
	For Degree Completion/Gradua ve done 31 credits or more	tion:□	No	□Yes		Resp	onse:	No	□Yes		
			Α	DVISIN	IG						
Date(mm/dd/)	Advisor's Signatur	е					Comi	ment/s	6		

Academic Advis	sor:			Scho	Repeated Attempts (if applicable)  Year Grade Sem Year Grade Sem Year										
	Semester IV					Re	peated	Attemp	ots (if app	licable)					
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year				
OPEN Elective	OPEN Non-Science Elective	3													
**ENG 200 OPEN	Any 200 Level Literature Course	3													
**MTH 250	Further Sequences and Mathematical Modeling	3													
** MTH 260	Linear Algebra	3													
**THE 200 OPEN	Any 200 Level Theology Course	3													
Recommende	d Total Credit Hours	15													
Mid Sem GPA Se	emester GPA Cumulative GPA														
Probationary Sta	atus 🗆 No 🗆 Yes [S	Seme	ester 🗆	or Cum	ulative	□]									
			ADVI	SING											
Date(mm/dd/yr) Advisor's Signature							Comn	nent/s							

 $<sup>\</sup>hbox{**for courses requiring prerequisites}$ 

# Math and Chemistry Degree Requirements – 77 Credits

#### \*GENERALCORE

_	T T						
	н	11	m	בו	n	11	es

ENG 110	College Composition I
ENG 120	<b>College Composition II</b>

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/CRS Any HIS or CRS Elective

■ Mathematics

MTH 105 Algebra for the Sciences

MTH 115 College Algebra

 $\square$  Other

COLL 101 College Seminar

## **PROFESSIONALCORE**

☐ Chemistry	BIO 131	Cellular Biology
	BIO 131L	Cellular Biology LAB
	CHE 123	Principles of Chemistry I
	CHE 129L	Principles of Chemistry II LAB
	CHE 136	Fundamental Organic Chemistry
	CHE 140	Biochemistry
	CHE 140L	Biochemistry LAB
	CHE 230	Analytical Methods in Chemistry
	CHE 234	Organic Chemistry
	CHE 234L	Organic Chemistry LAB
	CHE 239	Inorganic Chemistry
□ Math		
	CHE 239L	Inorganic Chamistry I AP
	MTH 119	Inorganic Chemistry LAB Trigonometry
	MTH 140	Analytic Geometry
	MTH 145	Calculus I
	MTH 236	Calculus II
	141111 250	Calculus II

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

# Math and Chemistry Degree Requirements – 77 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				_						
Semester GPA	Cumulative GPA										
Probationary	Status □No □Yes [S	Seme	ster 🗆 d	or Cumi	ulative	□]					
			ADVIS	SING							
Date(mm/dd/yr) Advisor's Signature							Comn	nent/s			

Academic A	dvisor:					School	Year:		grade Sem 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															
COLL 101	College Seminar	1														
Recommer	nded Total Credit Hours	20														
Mid Sem GPA	Semester GPA Cumulative GPA															
Probationary	Status □No □Yes [Semeste	r 🗆 or	Cumu	lative [	□]											
Program Cha	nge:   No  Yes [Previous Program _		New Pr	ogram	]Date:											
			ADVISI	NG												
Date (mm/dd/yr)	Advisor's Signature					C	ommer	nt/s								

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

Academic Ad	visor:		Sch	ool 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		I					l		
Mid Sem GPA	Semester GPA Cumulative GPA										_
Probationary	Status □No □Yes [Seme	ster [	or Cu	mulati	ve □]						
Program Char	nge: □No □Yes [Previous Program Ne	w Pro	ogram ]	Date:							
		AD	VISING	ì							
Date(mm/dd/y	r) Advisor's Signature					(	Comme	nt/s			

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

Academic A	dvis	or:				Schoo	Year:						
		Semeste	r III					Re	epeated	Attem	pts (if ap	plicable	)
Course Code		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		ganic Chemistry Lab		1									
HIS/**CRS OPEN	HIS,	/CRS OPEN Elective		3									
**MTH 236	Cal	culus II		4									
MTH 236R	Cal	culus II Recitation		0									
THE 103	Ign	atian Spirituality		3									
Recomme	nde	d Total Credit Hours		17									
Mid Sem GP	۹ Ser	mester GPA Cumulative	GPA										
Probationary	/ Sta	tus □No	□Yes [Se	emes	ter 🗆 o	r Cumu	lative 🗆	]					
Program Cha	nge:	□No □Yes [Previous P	rogram N	lew l	Progran	n ]Date	:						
		Degree Completion/Graphone 31 credits or more	aduatior	n:□No	o 🗆\	'es		Respon	se:□No	□Υ	'es		
					ADV	ISING							
Date(mm/dd/	yr)	Advisor's Si	gnature						Comm	ent/			
Academic A	dvis	or:				School	Year:						
7.000.0		Semeste	r IV					Re	peated	Attem	pts (if ap	olicable)	
Course Code	C	Course Description		Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
**CHE 239	ı	norganic Chemistry		3									
CHE 239L	I	norganic Chemistry La	b	1									
FLA OPEN		ntermediate Spanish or A	Another	3									
**THE 200 OPEN	A	Any200 Level Theology Co	urse	3									
PHIL 101	F	Philosophy of Ethics		3									
Recomme	nde	d Total Credit Hours		13	•	1			•		1	1	
Mid Sem GP	۹ Ser	mester GPA Cumulative	GPA										_ 7
Probationary	/ Sta	tus □No	⊒Yes [Se	mes	ter 🗆 o	r Cumu	lative [	]]					
	_				ADVI	SING							Ť
Date(mm/dd/)	/r)			A	dvisor':	s Signa	ture			Comm	nent/s		-
								1					

# PRE-NURSING DEGREE REQUIREMENTS – 78 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
	PSY 115	Introduction to Psychology
	PSY 125	Developmental Psychology
☐ Mathematics		
	MTH 103	Intermediate Algebra
	MTH 116	Pre-Calculus
☐ Other		
	COLL 101	College Seminar
*Student is granted ex	emptions from the	_
PROFESSIONAL CORE	<b>,</b>	
î Biology		
G,	BIOL 1300	Human Anatomy & Physiology I
	BIOL 1300L	Human Anatomy and Physiology Lab
	BIOL 1320	Human Anatomy and Physiology II
	BIOL 1320L	Human Anatomy and Physiology II Lab
	BIOL 2200	Microbiology
	BIOL 2200L	Microbiology Lab
ፕ Chemistry		
	CHEM 1161	Life Science Chemistry
	CHEM 1161L	Life Science Chemistry Lab
1 Nursing		
	NURS 2070	Introduction to Professional Nursing
	NURS 2080	Human Health & Disease
	NURS 2120	Acute Adult Health I
	NURS 2122	Health Assessment Across the Lifespan
	NURS 2122L	Health Assessment Across the Lifespan Lab
	NURS 2122C	Health Assessment Across the Lifespan Clinical
	NURS 2205	Pharmacology
	NURS 2206	Nutrition
	NURS 2230	Family Health
	NURS 2230C	Family Health Clinical

# PRE-NURSING DEGREE FULL-TIME REQUIREMENTS – 78 CREDITS

Academic A	dvisor:					School	Year:				
	Semester I					Rep	eated	Attem	pts (if ap	oplicab	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									
Recommer	nded Total Credit Hours	18									
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	y Status □No □Yes [Semester	□ or C	Cumulati	ive □]							
Program Char	nge: □No □Yes [Previous Program		New Pro	ogram [	]Date:						
			ADVISII	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
NURS 2070	Introduction to Professional Nursing	2									
BIOL 1320	Human Anatomy and Physiology II	3									
BIOL 1320L	Human Anatomy and Physiology II Lab	1									
NURS 2120	Acute Adult Health I Theory	3									
ENG 120	College Composition II	3									
THE 103	Ignatian Spirituality	3									
PSY 125	Developmental Psychology	3									
Recommend	led Total Credit Hours	18									
Mid Sem GPA	Semester GPA Cumulative GPA										_
Probationary	Status □No □Yes [Semes	ter 🗆	or Cumi	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

	ADVISING  Comment (c.											
Date(mm/dd/yr)	Advisor's Signature	Comment/s										

Academic Ad	visor:		9	chool	Year:						
	Summer I					Re	peated	Attem	ots (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
BIOL 2200	Microbiology	3									
BIOL 2200	Microbiology Lab	1									
Recommen	ded Total Credit Hours	4									
Mid Sem GPA	Semester GPA Cumulative GPA										_
Probationary S	Status □No □Yes [Se	meste	er □or Cu	ımulati	ve □]						
Program Chang	ge:   No   Yes [Previous Program Ne	w Pro	gram ]D	ate:							
	r Degree Completion/Graduation: e done 31 credits or more	□No	□Y€	es		Respons	e:□No	□Y€	es		

Academic Ad	visor:		S	chool	Year:						
	Semester III					Re	peated	Attemp	ots (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
THE 200 OPEN	Theology 200	3									
PHIL 101	Philosophy of Ethics	3									
NURS 2080	Human Health and Disease	3									
NURS 2122	Health Assessment Across the Lifespan theory	3									
NURS 2122L	Health Assessment Across the Lifespan Lab	1									
NURS 2122C	Health Assessment Across the Lifespan Clinical	3									
SOC 121	Introduction to Research Methods	3									
Recommen	ded Total Credit Hours	19									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes [Se	meste	r □or Cu	ımulati	ve □]						
Program Chang	ge: □No □Yes [Previous Program Ne	w Pro	gram ]D	ate:							
	r Degree Completion/Graduation: e done 31 credits or more	□No	□Y€	es		Respons	e:□No	□Y€	es		

Academic Ac	lvisor:			Schoo	ol Year:						
	Semester IV					Re	peated	Attemp	ots (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
NURS 2205	Pharmacology	3									
NURS 2206	Nutrition	3									
NURS 2230	Family Health Theory	3									
NURS 2230C	Family Health Clinical	3									
	Probability and Statistics for the Social Scientist	4									
FLA Language Elective	Foreign Language Elective	3									
Recommend	ded Total Credit Hours	19									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status   No  Yes [Section 1]	emes	ster □or	Cumula	ntive 🗆]						
			ADVIS	SING							
Date(mm/dd/y	r) Advisor's Signature						Comn	nent/s			

# PRE-NURSING DEGREE PART-TIME REQUIREMENTS – 78 CREDITS

Academic A	dvisor:			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									
COLL 101	College Seminar	1									
*MTH 103	Intermediate Algebra	3									
Recommer	nded Total Credit Hours	12									
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	y Status □No □Yes [Semester	□ or C	Cumulati	ive □]							
Program Char	nge:   No  Yes [Previous Program		New Pro	ogram	]Date:						
		,	ADVISII	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
NURS 2070	Introduction to Professional Nursing	2									
BIOL 1320	Human Anatomy and Physiology II	3									
BIOL 1320L	Human Anatomy and Physiology II Lab	1									
*ENG 110	College Composition I	3									
Recommend	ded Total Credit Hours	9									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes [Semes	ster 🗆	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			

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

Academic A	dvisor:		9	School	Year:						
	Summer I					Re	peated	Attem	pts (if app	licable)	
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
BIOL 2200	Microbiology	3									
BIOL 2200	Microbiology Lab	1									
THE 103	Ignatian Spirituality	3									
Recomme	nded Total Credit Hours	7				•	•	•	•	•	
Mid Sem GPA	A Semester GPA Cumulative GPA										
Probationary	y Status □No □Yes	[Semeste	er □or Cu	umulati	ve □]						
Program Char	nge: □No □Yes [Previous Program	n New Pro	gram ][	ate:							
	for Degree Completion/Graduat eve done 31 credits or more	ion:□No	□Yo	es		Respons	se:□No	□Y	es		

\*Students may be required to take additional preparatory courses based on previous grades

Academic Ad	visor:			School	Year:						
	Semester III					Re	epeated	Attem	pts (if app	licable)	;)
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year
NURS 2205	Pharmacology	3									
ENG 120	College Composition II	3									
PSY 115	Introduction to Psychology	3									
NURS 2120	Acute Adult Health I Theory	3									
Recommen	ded Total Credit Hours	12									
Mid Sem GPA	Semester GPA Cumulative GPA										
Probationary	Status □No □Yes [Se	emeste	er □or Cı	umulati	ve □]						
Program Chan	ge: □No □Yes [Previous Program N	ew Pro	gram ][	Date:							
	or Degree Completion/Graduation we done 31 credits or more	:□No	□Y	es		Respons	se:□No	□Yo	es		

Academic Ac	lvisor:			School Year:								
	Semester IV					Re	peated	Attemp	ots (if app	licable)		
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year	
PHIL 101	Philosophy of Ethics	3										
NURS 2206	Nutrition	3										
PSY 125	Developmental Psychology	3										
	Human Health and Disease (Pathophysiology)	3										
Recommend	ded Total Credit Hours	12										
Mid Sem GPA	Semester GPA Cumulative GPA_											
Probationary	Status □No □Yes [S	emes	ster □or	Cumula	ntive □]							
			ADVI	SING								
Date(mm/dd/y	d/yr) Advisor's Signature			Comment/s								

Academic A	dvisor:		9	School	Year:								
	Summer II							Repeated Attempts (if a					
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year		
SOC 121	Introduction to Research Methods	3											
THE 200 OPEN	Theology 200	3											
Recomme	nded Total Credit Hours	6											
Mid Sem GP	A Semester GPA Cumulative GPA_												
Probationar	y Status □No □Yes [S	Semeste	er □or Cı	umulati	ve □]								
Program Cha	nge: □No □Yes [Previous Program N	lew Pro	gram ][	ate:									
	for Degree Completion/Graduation	n:□No	□Yo	es		Respons	se:□No	□Yo	es				

Academic A	Academic Advisor:			School Year:									
	Semester V					Re	peated	Attemp	ots (if app	licable)			
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year		
NURS 2122	Health Assessment Across the Lifespan	3											
NURS 2122L	Health Assessment Across the Lifespan Lab	1											
NURS 2122C	Health Assessment Across the Lifespan Clinical	3											

MTH 116	Probability and Statistics for the Social Scientist	he 4											
Recommen	ded Total Credit Hours	11											
Mid Sem GP	A Semester GPA Cumulative GPA	_											
Probationary	y Status □No □Yes	[Semes	ster □or	Cumula	ative 🗆]								
			ADVI	SING									
Date(mm/dd/yr) Advisor's Signature							Comn	nent/s					
Academic A	dvisor:			Schoo	ol Year	:							
	Semester VI			Repeated Attempts (if applicable)									
Course Code	Course Description	Cr	Grade	Sem	Year	Grade	Sem	Year	Grade	Sem	Year		
NURS 2230	Family Health Theory	3											
NURS 2230C	Family Health Clinical	3											
FLA Language Elective	Foreign Language Elective	3											
Recommended Total Credit Hours 9													
Mid Sem GP/	A Semester GPA Cumulative GPA	<u> </u>											
Probationary	∕ Status □No □Yes	[Semes	ster □or	Cumula	ative 🗆]								
			ADVI	SING									
Date(mm/dd/	mm/dd/yr) Advisor's Signature						Comn	nent/s					