BACHELOR OF SCIENCE IN HEALTH SCIENCE

Overview

Students must complete the coursework listed on the **Curriculum** tab to earn the BSHS degree through the School of Nursing and Health Studies (SONHS). Students should meet with an academic advisor in the Office of Student Services (OSS) (https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/) to discuss any questions related to their degree requirements.

Curriculum Requirements - General Track

Code	Title	Credit Hours
General Education Requirements		
Written Communication Skills:		
WRS 105	First-Year Writing I	3
WRS 106	First-Year Writing II	3
or WRS 107	First-Year Writing II: STEM	
or ENG 106	Writing About Literature and Culture	
Quantitative Skills:		
Calculus: MTH 141, MTH 161, or MTH 171		4
Areas of Knowledge:		
Arts & Humanities Cognate		9
People & Society Cognate		9
STEM Cognate (9 credits) (fulfilled through the major)*		
Computer Science		
1 CSC or BTE course		3
Statistics		
HCS 202 or other approved statistics course		3
Major		
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
BIL 250	Genetics	3
BIL 255	Cellular and Molecular Biology	3
BPH 306	Principles of Nutrition	3
HCS 212	Human Anatomy	4
& HCS 213	and Human Anatomy Laboratory	
HCS 215	Principles of Systemic Physiology	3
Major Elective**		3
Choose one physics option below:		10-11
College Physics:		
PHY 101	College Physics I	
& PHY 106	and College Physics Laboratory I	
PHY 102	College Physics II	
& PHY 108	and College Physics Laboratory II	
University Physics for the Life Sciences:	Hairanian Dharian I fauth a Oaisman	
PHY 201 & PHY 106	University Physics I for the Sciences and College Physics Laboratory I	
PHY 202	University Physics II for the Sciences	
& PHY 108	and College Physics Laboratory II	
University Physics:	, ,	
PHY 221	University Physics I	
PHY 222	University Physics II	
& PHY 224	and University Physics II Lab	

PHY 223	University Physics III	
& PHY 225	and University Physics III Lab	
Choose one chemistry option below:		8-16
Chemistry for Life Sciences:		
CHM 103 & CHM 105	Chemistry for the Health Sciences I and Chemistry for the Health Sciences I (Laboratory)	
CHM 104 & CHM 106	Chemistry for the Health Sciences II and Chemistry for the Health Sciences II (Laboratory)	
Chemistry for the Biosciences:***		
CHM 121	Principles of Chemistry	
& CHM 113	and Chemistry Laboratory I	
CHM 221	Introduction to Structure and Dynamics	
& CHM 205	and Chemical Dynamics Laboratory	
CHM 222	Organic Reactions and Synthesis	
& CHM 206	and Organic Reactions and Synthesis Laboratory	
Minor		12-19
Advanced Writing and Communication Skills****		
Electives****		27-11
Total Credit Hours		120

- * The health science major may be used to fulfill this cognate area.
- ** Students may fulfill this requirement by taking BMB 401 or any BIL, BPH, or HCS course for at least 3 credits at the 200 level or above (except for BPH 202, HCS 202, and NUR 202).
- *** CHM 222 (https://bulletin.miami.edu/search/?P=CHM%20222) and CHM 206 (https://bulletin.miami.edu/search/?P=CHM%20206) are recommended but not required for this track.
- **** Students must take at least five designated writing-intensive courses to complete this requirement.
- ******The number of electives students take may vary due to differences in placement scores, transfer credits, course and cognate selections, etc.

Curriculum Requirements - Health Management and Policy Track

Code	Title	Credit Hours
General Education Requirements		
Written Communication Skills:		
WRS 105	First-Year Writing I	3
WRS 106	First-Year Writing II	3
or WRS 107	First-Year Writing II: STEM	
or ENG 106	Writing About Literature and Culture	
Quantitative Skills:		
Calculus: MTH 141, MTH 161, or MTH 171		4
Areas of Knowledge:		
Arts & Humanities Cognate		9
People & Society Cognate		9
STEM Cognate (9 credits) (fulfilled through the major)*		0
Computer Science		
1 CSC or BTE course		3
Statistics		
HCS 202	Introductory Statistics in Health Care (or other approved statistics course)	3
Major		
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
BIL 250	Genetics	3
BIL 255	Cellular and Molecular Biology	3

BPH 306	Principles of Nutrition	3
HCS 212	Human Anatomy	3
& HCS 213	and Human Anatomy Laboratory	4
HCS 215	Principles of Systemic Physiology	3
HMP 270	Introduction to Health Management and Policy	3
HMP 320	Health Care Demand and Supply	3
or HMP 350	Production and Consumption of Health and Health Care	
HMP 460	Health Care Law and Ethics	3
HMP Elective**		3
Major Elective***		3
Choose one physics option below:		10-11
College Physics:		
PHY 101 & PHY 106	College Physics I and College Physics Laboratory I	
PHY 102	College Physics II	
& PHY 108	and College Physics Laboratory II	
University Physics for the Life Sciences:		
PHY 201	University Physics I for the Sciences	
& PHY 106	and College Physics Laboratory I	
PHY 202 & PHY 108	University Physics II for the Sciences and College Physics Laboratory II	
University Physics:		
PHY 221	University Physics I	
PHY 222 & PHY 224	University Physics II and University Physics II Lab	
PHY 223 & PHY 225	University Physics III and University Physics III Lab	
Choose one chemistry option below:		8-16
Chemistry for Life Sciences:		
CHM 103 & CHM 105	Chemistry for the Health Sciences I and Chemistry for the Health Sciences I (Laboratory)	
CHM 104 & CHM 106	Chemistry for the Health Sciences II and Chemistry for the Health Sciences II (Laboratory)	
Chemistry for the Biosciences:****		
CHM 121 & CHM 113	Principles of Chemistry and Chemistry Laboratory I	
CHM 221 & CHM 205	Introduction to Structure and Dynamics and Chemical Dynamics Laboratory	
CHM 222 & CHM 206	Organic Reactions and Synthesis and Organic Reactions and Synthesis Laboratory	
Minor****	, , , , , , , , , , , , , , , , , , ,	0
Advanced Writing and Communication Skills******		0
Electives*****		18-9
Total Credit Hours		120

- * The health science major may be used to fulfill this cognate area.
- ** Students may fulfill this requirement by taking
 HMP 310, HMP 388, HMP 498, HMP 499, INS 570, INS 571, INS 572, INS 573, SOC 321
- *** Students may fulfill this requirement by taking BMB 401, or any or any BIL, BPH, or HCS course for at least 3 credits at the 200 level or above (except for BPH 202, HCS 202, and NUR 202).

^{****} CHM 222 and CHM 206 are recommended but not required for this track.

- *****Students who complete the Health Management and Policy Track automatically complete a minor in Health Management and Policy; no additional coursework is required to complete this requirement.
- ******Students must take at least five designated writing-intensive courses to complete this requirement.
- *****The number of electives students take may vary due to differences in placement scores, transfer credits, course and cognate selections, etc.

Curriculum Requirements - Pre-Med Track

Code	Title	Credit Hours
General Education Requirements		
Written Communication Skills:		
WRS 105	First-Year Writing I	3
WRS 106	First-Year Writing II	3
or WRS 107	First-Year Writing II: STEM	
or ENG 106	Writing About Literature and Culture	
Quantitative Skills:		
Calculus: MTH 141, MTH 161, or MTH 171		4
Areas of Knowledge:		
Arts & Humanities Cognate		9
People & Society Cognate		9
STEM Cognate (9 credits) (fulfilled through the major)*		
Computer Science		_
1 CSC or BTE course		3
Statistics		
HCS 202 or other approved statistics course		3
Major BIL 150	O constant Distant	-
& BIL 151	General Biology and General Biology Laboratory	5
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	_
BIL 250	Genetics	3
BIL 255	Cellular and Molecular Biology	3
BMB 401	Biochemistry for the Biomedical Sciences	4
BPH 206	Introduction to Public Health	3
BPH 208 BPH 306	Introductory Epidemiology Principles of Nutrition	3
HCS 212	Human Anatomy	4
& HCS 213	and Human Anatomy Laboratory	4
HCS 215	Principles of Systemic Physiology	3
Complete 6 graded credits of ENG/WRS coursework**	, , , ,	0
Choose one physics option below:		10-11
College Physics:		
PHY 101	College Physics I	
& PHY 106	and College Physics Laboratory I	
PHY 102 & PHY 108	College Physics II and College Physics Laboratory II	
University Physics for the Life Sciences:		
PHY 201 & PHY 106	University Physics I for the Sciences and College Physics Laboratory I	
PHY 202	University Physics II for the Sciences	
& PHY 108	and College Physics Laboratory II	
University Physics:		
PHY 221	University Physics I	
PHY 222 & PHY 224	University Physics II and University Physics II Lab	
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PHY 223 & PHY 225	University Physics III and University Physics III Lab	
Chemistry for the Biosciences:		16
CHM 121 & CHM 113	Principles of Chemistry and Chemistry Laboratory I	
CHM 221 & CHM 205	Introduction to Structure and Dynamics and Chemical Dynamics Laboratory	
CHM 222 & CHM 206	Organic Reactions and Synthesis and Organic Reactions and Synthesis Laboratory	
Minor		0
Advanced Writing and Communication Skills***		0
Electives****		25-24
Total Credit Hours		121

- * The health science major may be used to fulfill this cognate area.
- ** Six graded credits of WRS/ENG courses (6 credits). Creative writing courses cannot count. WRS 105 and WRS 106/WRS 107/ENG 106 may count if a grade was received.
- *** Students must take at least five designated writing-intensive courses to complete this requirement.
- **** The number of electives students take may vary due to differences in placement scores, transfer credits, course and cognate selections, etc.

Curriculum Requirements - Pre-Occupational Therapy Track

Code	Title	Credit Hours
General Education Requirements		
Written Communication Skills:		
WRS 105	First-Year Writing I	3
WRS 106	First-Year Writing II	3
or WRS 107	First-Year Writing II: STEM	
or ENG 106	Writing About Literature and Culture	
Quantitative Skills:		
Calculus: MTH 141, MTH 161, or MTH 171		4
Areas of Knowledge:		
Arts & Humanities		9
People & Society		9
STEM Cognate (9 credits) (fulfilled through the major)*		
Additional Requirements		
Computer Science: 1 CSC or BTE course		3
Statistics: HCS 202 or other approved statistics course		3
Major		
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
BIL 250	Genetics	3
BIL 255	Cellular and Molecular Biology	3
BPH 206	Introduction to Public Health	3
BPH 208	Introductory Epidemiology	3
BPH 306	Principles of Nutrition	3
BPH 317	Theories in Growth and Development	3
or PSY 230	Child and Adolescent Development	
PSY 110	Introduction to Psychology	3
PSY 240	Psychopathology	3
HCS 212	Human Anatomy	4
& HCS 213	and Human Anatomy Laboratory	

HCS 215 & HCS 216	Principles of Systemic Physiology and Principles of Systemic Physiology Laboratory	4
KIN 230	Medical Terminology and Documentation	1
or HCS 217	Medical Terminology	
Choose one physics option below:		10-11
College Physics:		
PHY 101 & PHY 106	College Physics I and College Physics Laboratory I	
PHY 102 & PHY 108	College Physics II and College Physics Laboratory II	
University Physics for the Life Sciences:		
PHY 201 & PHY 106	University Physics I for the Sciences and College Physics Laboratory I	
PHY 202 & PHY 108	University Physics II for the Sciences and College Physics Laboratory II	
University Physics:		
PHY 221	University Physics I	
PHY 222 & PHY 224	University Physics II and University Physics II Lab	
PHY 223 & PHY 225	University Physics III and University Physics III Lab	
Choose one chemistry option below:		8-16
Chemistry for Life Sciences:		
CHM 103 & CHM 105	Chemistry for the Health Sciences I and Chemistry for the Health Sciences I (Laboratory)	
CHM 104 & CHM 106	Chemistry for the Health Sciences II and Chemistry for the Health Sciences II (Laboratory)	
Chemistry for the Biosciences:		
CHM 121 & CHM 113	Principles of Chemistry and Chemistry Laboratory I	
CHM 221 & CHM 205	Introduction to Structure and Dynamics and Chemical Dynamics Laboratory	
CHM 222 & CHM 206	Organic Reactions and Synthesis and Organic Reactions and Synthesis Laboratory	
Minor		12-19
Advanced Writing and Communication Skills***		0
Electives****		13-0
Total Credit Hours		120-123

- The health science major may be used to fulfill this cognate area.
- ** CHM 222 and CHM 206 are recommended but not required for this track.
- *** Students must take at least five designated writing-intensive courses to complete this requirement.
- **** The number of electives students take may vary due to differences in placement scores, transfer credits, course and cognate selections, etc.

Curriculum Requirements - Pre-Pharmacy Track

Code	Title	Credit Hours
General Education Requirements		
Written Communication Skills:		
WRS 105	First-Year Writing I	3
WRS 106	First-Year Writing II	3
or WRS 107	First-Year Writing II: STEM	
or ENG 106	Writing About Literature and Culture	
Quantitative Skills:		
Calculus: MTH 141, MTH 161, or MTH 171		4

Areas of Knowledge		
Arts & Humanities Cognate		9
People & Society Cognate		9
STEM Cognate (9 credits) (fulfilled through the major)*		
Additional Requirements		
Computer Science: 1 CSC or BTE course		3
Statistics: HCS 202 or other approved statistics course		3
Major		
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
BIL 250	Genetics	3
BIL 255	Cellular and Molecular Biology	3
BMB 401	Biochemistry for the Biomedical Sciences	4
BPH 306	Principles of Nutrition	3
COS 211	Public Speaking	3
HCS 212	Human Anatomy	4
& HCS 213	and Human Anatomy Laboratory	
HCS 215	Principles of Systemic Physiology	4
& HCS 216	and Principles of Systemic Physiology Laboratory	
ECO 211	Principles of Microeconomics	3
ECO 212	Principles of Macroeconomics	3
Major Elective**		3
Microbiology:		5
MIC 301 & MIC 304	Introduction to Microbes and the Immune System and Introduction to Microbes and the Immune System (Lab)	
Choose one physics option below:		10-11
College Physics:		
PHY 101	College Physics I	
& PHY 106	and College Physics Laboratory I	
PHY 102 & PHY 108	College Physics II and College Physics Laboratory II	
University Physics for the Life Sciences:		
PHY 201	University Physics I for the Sciences	
& PHY 106	and College Physics Laboratory I	
PHY 202 & PHY 108	University Physics II for the Sciences and College Physics Laboratory II	
University Physics:		
PHY 221	University Physics I	
PHY 222 & PHY 224	University Physics II and University Physics II Lab	
PHY 223	University Physics III	
& PHY 225	and University Physics III Lab	
Chemistry for the Biosciences:		16
CHM 121 & CHM 113	Principles of Chemistry and Chemistry Laboratory I	
CHM 221 & CHM 205	Introduction to Structure and Dynamics and Chemical Dynamics Laboratory	
CHM 222 & CHM 206	Organic Reactions and Synthesis and Organic Reactions and Synthesis Laboratory	
Minor	J : :	0
Advanced Writing and Communication Skills***		0
		3

Electives****	12-11
Total Credit Hours	120

- * The health science major may be used to fulfill this cognate area.
- ** Students may fulfill this requirement by taking any BIL, BPH, or HCS course for at least 3 credits at the 200 level or above (except for BPH 202, HCS 202, and NUR 202).
- *** Students must take at least five designated writing-intensive courses to complete this requirement.
- **** The number of electives students take may vary due to differences in placement scores, transfer credits, course and cognate selections, etc.

Curriculum Requirements - Pre-Physical Therapy Track

Code	Title	Credit Hours
General Education Requirements		
Written Communication Skills:		
WRS 105	First-Year Writing I	3
WRS 106	First-Year Writing II	3
or WRS 107	First-Year Writing II: STEM	
or ENG 106	Writing About Literature and Culture	
Quantitative Skills:		
Calculus: MTH 141, MTH 161, or MTH 171		4
Areas of Knowledge		
Arts & Humanities Cognate		9
People & Society Cognate		9
STEM Cognate (9 credits) (fulfilled through the major)*		
Additional Requirements		
Computer Science: 1 CSC or BTE course		3
Statistics: HCS 202 or other approved statistics course		3
Major		
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
BIL 250	Genetics	3
BIL 255	Cellular and Molecular Biology	3
BPH 306	Principles of Nutrition	3
HCS 212 & HCS 213	Human Anatomy and Human Anatomy Laboratory	4
HCS 215	Principles of Systemic Physiology	4
& HCS 216	and Principles of Systemic Physiology Laboratory (**)	
PSY 230	Child and Adolescent Development	3
or PSY 240	Psychopathology	
Major Elective***		3
Choose one physics option below:		10-11
College Physics:		
PHY 101 & PHY 106	College Physics I and College Physics Laboratory I	
PHY 102 & PHY 108	College Physics II and College Physics Laboratory II	
University Physics for the Life Sciences:	,	
PHY 201	University Physics I for the Sciences	
& PHY 106	and College Physics Laboratory I	
PHY 202	University Physics II for the Sciences	
& PHY 108	and College Physics Laboratory II	
University Physics:		
PHY 221	University Physics I	

PHY 222	University Physics II	
& PHY 224	and University Physics II Lab	
PHY 223	University Physics III	
& PHY 225	and University Physics III Lab	
Choose one chemistry option below:		8-16
Chemistry for Life Sciences:		
CHM 103	Chemistry for the Health Sciences I	
& CHM 105	and Chemistry for the Health Sciences I (Laboratory)	
CHM 104	Chemistry for the Health Sciences II	
& CHM 106	and Chemistry for the Health Sciences II (Laboratory)	
Chemistry for the Biosciences:****		
CHM 121	Principles of Chemistry	
& CHM 113	and Chemistry Laboratory I	
CHM 221	Introduction to Structure and Dynamics	
& CHM 205	and Chemical Dynamics Laboratory	
CHM 222	Organic Reactions and Synthesis	
& CHM 206	and Organic Reactions and Synthesis Laboratory	
Minor	1:	2-19
Advanced Writing and Communication Skills*****		0
Electives*****		23-7
Total Credit Hours		120

- * The health science major may be used to fulfill this cognate area.
- ** HCS 216 is not required but it is highly recommended.
- *** Students may fulfill this requirement by taking BMB 401 or any BIL, BPH, or HCS course for at least 3 credits at the 200 level or above (except for BPH 202, HCS 202, and NUR 202).
- **** CHM 222 and CHM 206 are recommended but not required for this track.
- *****Students must take at least five designated writing-intensive courses to complete this requirement.
- ******The number of electives students take may vary due to differences in placement scores, transfer credits, course and cognate selections, etc.

These are only samples. There are numerous ways students can create plans of study for the Bachelor of Science in Health Studies. Students should feel empowered to use the information listed in the Academic Bulletin and the Student Handbook (https://www.sonhs.miami.edu/academics/student-handbooks/) to take charge of their education, pursue their own academic interests, and create their own, unique plans of study.

The School of Nursing and Health Studies (SONHS) **recommends students create their own plan of study** that accounts for their WRS and MTH placement scores and incorporates their major, minor, and cognate interests. Once students draft their initial plan of study, they are encouraged to meet with an academic advisor in the Office of Student Services (OSS) (https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/) to review their plan, address any questions or concerns, discuss areas for improvement, and brainstorm ways to integrate research experiences, study abroad opportunities, global initiatives, graduate school requirements, and career preparation experiences.

The sample plan of study listed below is based on the following WRS and MTH placement information and major, minor, and cognate selections:

- Written Communication placement: WRS 105
- · MTH placement: MTH 107
- · Major(s): Health Science, General Track
- · Minor(s): Chemistry
- Cognates
 - · Art & Humanities: American Literature (RAU = English)
 - People & Society: Abnormal Psychology (RAU = Psychology)
 - Science, Technology, Engineering, and Mathematics (STEM): Health Science major (RAU = Nursing & Health Studies)

Sample Plan of Study - General Track

Freshman Year		
Fall		Credit Hours
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
WRS 105	First-Year Writing I	3

Elective 3 3 3 3 3 3 3 3 3	MTH 107	Precalculus Mathematics I	3
Elective	UMX 100	The University of Miami Experience	0
Spring S	Elective		3
Spring	Elective		3
Bill 160 Evolution and Biodiversity 5 8 8 11 6 and Evolution and Biodiversity Laboratory		Credit Hours	17
& BLI 161 and Evolution and Biodiversity Laboratory WRS 105 107 First-Year Writing II 3 or ENG 106 or First-Year Writing II: STEM 3 MTH 108 Precalculus Mathematics II 3 BPSY 110 Introduction to Psychology (counts for People & Society cognate) 3 BEICEIVE 3 Credit Hours 17 Sophomore Year Fall BIL 250 Genetics 3 Credit Hours 5 AC HM 113 and Chemistry Laboratory I 4 MITH 161 Calculus I 4 Psychopathology (counts for People & Society cognate) 3 Spring BIL 285 Cellular and Molecular Biology 3 Credit Hours 15 Spring Credit Hours 3 Credit Hours 3 American Literature II (W. counts for Arts & Humanities cognate) 3 Credit Hours 3	Spring		
WRS 106 107	BIL 160		5
or ENG 106 or First-Year Writing IL STEM or Writing About Literature and Culture MTH 108 Precalculus Mathematics II	& BIL 161		
PSY 110 Introduction to Psychology (counts for People & Society cognate) 3	WRS 106, 107, or ENG 106	or First-Year Writing II: STEM	3
Credit Hours	MTH 108	Precalculus Mathematics II	3
Credit Hours 177	PSY 110	Introduction to Psychology (counts for People & Society cognate)	3
Sophomore Year Fall	Elective		3
Fall Senetics 3 BIL 250 Genetics 3 CHM 121 Principles of Chemistry 5 & CHM 113 and Chemistry Laboratory I 4 MTH 161 Calculus I 4 PSY2740 Psychopathology (counts for People & Society cognate) 3 Spyring 15 BIL 255 Cellular and Molecular Biology 3 CHM 221 Introduction to Structure and Dynamics 5 & CHM 205 and Chemical Divaranties Laboratory 3 BIC 252 Introduction to Structure and Dynamics capnate) 3 HCK 214 American Literature II (W. counts for Arts & Humanities cognate) 3 HCK 202 Introductory Statistics in Health Care 3 BUH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 & CHM 205 and Organic Reactions and Synthesis Laboratory 3 ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W. counts for Arts & Humanities cognate) 5 PHY 101 College Physics I 5		Credit Hours	17
Sell	Sophomore Year		
CHM 121 Principles of Chemistry 5 & CHM 113 and Chemistry Laboratory I MTH 161 Calculus I 4 PSY 240 Psychopathology (counts for People & Society cognate) 3 Credit Hours 15 Spring 15 BIL 255 Cellular and Molecular Biology 3 CHM 221 Introduction to Structure and Dynamics 5 & CHM 205 and Chemical Dynamics Laboratory 3 HCS 214 American Literature II (W. counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 Cedit Hours 14 Junior Year 2 Sch Hours 14	Fall		
& CHM 113 and Chemistry Laboratory I MTH 161 Calculus I 4 PSY2 240 Psychopathology (counts for People & Society cognate) 3 SPY2 240 Psychopathology (counts for People & Society cognate) 3 Spring Is Described in the Count of Structure and Dynamics and Chemical Dynamics Laboratory 5 & CHM 221 Introduction to Structure and Dynamics and Chemical Dynamics Laboratory 3 ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 Credit Hours 14 Junior Year Fall BPH 306 Principles of Nutrition 3 Credit Hours 3 CHY 222 Organic Reactions and Synthesis Laboratory 6 ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3 PHY 101 College Physics I 5 A University I 5 PHY 102	BIL 250	Genetics	3
MTH 161 Calculus I 4 PSY240 Psychopathology (counts for People & Society cognate) 3 Spring 15 Spring 15 BIL 255 Cellular and Molecular Biology 3 CHM 221 Introduction to Structure and Dynamics 5 & CHM 205 and Chemical Dynamics Laboratory 5 ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 LUnior Year Fall 7 BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 & CHM 206 and Organic Reactions and Synthesis Laboratory 3 ENG 339 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3 PHY 101 College Physics I and College Physics Laboratory I 5 Spring PHY 102 College Physics Laboratory I 5 Spring PHY 102 College Physics Laboratory II 5 Spry 260 Personality Psychology (c	CHM 121	· · · · · · · · · · · · · · · · · · ·	5
PSY 240 Psychopathology (counts for People & Society cognate) 3 Credit Hours 15 Spring BIL 255 Cellular and Molecular Biology 3 CHM 221 Introduction to Structure and Dynamics 5 & CHM 205 and Chemical Dynamics Laboratory 5 ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 HCS 202 Introductory Statistics in Health Care 3 Credit Hours 14 Valuation Year Fall BPH 306 Principles of Nutrition 3 Credit Hours 3 CP Principles of Nutrition 3 CP Principles of Nutrition 3 CP Colspan="2">Ceand Reactions and Synthesis Laboratory 6 A Cean Acts & Humanities cognate 4 CP Explanal Explanal Explanal Explanal Explanal Explanal Explanal Explana			
Credit Hours 15			4
Spring Cellular and Molecular Biology 3 DHM 221 Introduction to Structure and Dynamics 5 & CHM 205 and Chemical Dynamics Laboratory 5 ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 LOURING YEAR 14 Junior Year Fall BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 4 & CHM 206 and Organic Reactions and Synthesis Laboratory 6 ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3 & PHY 101 College Physics I 5 & PHY 105 and College Physics Laboratory I 5 PHY 106 and College Physics I 5 & PHY 107 Credit Hours 17 Spring 5 6 6 & PHY 108 and College Physics I. 5 & PHY 109 and College Physics I. 5 <	PSY 240		
Sell 255 Cellular and Molecular Biology 3 3 1 1 1 1 1 1 1 1		Credit Hours	15
Introduction to Structure and Dynamics and Chemical Dynamics and Chemical Dynamics Laboratory 3	Spring		
& CHM 205 and Chemical Dynamics Laboratory ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 Credit Hours 14 Junior Year 14 Fall 8 BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 & CHM 206 and Organic Reactions and Synthesis Laboratory 8 ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3 PHY 101 College Physics I 5 & PHY 106 and College Physics Laboratory I 5 Spring 5 PHY 102 College Physics II 5 & PHY 108 and College Physics Laboratory II 5 PSY 260 Personality Psychology (counts for People & Society cognate) 3 Major Elective (*) 3 Elective 3 Credit Hours 14 Senior Year 14 Fall			
ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 Credit Hours 14 Junior Year Fall BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 & CHM 206 and Organic Reactions and Synthesis Laboratory 6 ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3 Arts & Humanities cognate) 5 Arts & Humanities cognate) 5 Arts & Humanities cognate) 17 Credit Hours 17 Spring 5 Arts & Humanities cognate) 17 Spring 5 Credit Hours 17 Spring 5 APHY 102 College Physics II 5 & PHY 108 and College Physics Laboratory II 5 APHY 108 and College		·	5
Accepted Hours 14			2
Credit Hours 14			
Sum Sum	103 202		-
Fall BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 & CHM 206 and Organic Reactions and Synthesis Laboratory ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) PHY 101 College Physics I 5 & PHY 106 and College Physics Laboratory I Credit Hours 17 Spring PHY 102 College Physics II 5 & PHY 108 and College Physics Laboratory II PSY 260 Personality Psychology (counts for People & Society cognate) 3 Major Elective (*) Elective Credit Hours 14 Senior Year Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 4 & HCS 212 Human Anatomy Laboratory I	Junior Voor	Great riouis	14
BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 & CHM 206 and Organic Reactions and Synthesis Laboratory ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3 PHY 101 College Physics I 5 & PHY 106 and College Physics Laboratory I 17 Spring 17 Spring 5 PHY 102 College Physics Laboratory II 5 & PHY 108 and College Physics Laboratory II 5 PSY 260 Personality Psychology (counts for People & Society cognate) 3 Major Elective (*) 3 3 Elective 3 4 Senior Year 14 Senior Year Fall 5 ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 A HUMS Anatomy 4 and Human Anatomy			
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& CHM 206 and Organic Reactions and Synthesis Laboratory ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) PHY 101 College Physics I 5 and College Physics Laboratory I Credit Hours 17 Spring PHY 102 College Physics II 5 and College Physics Laboratory II PSY 260 Personality Psychology (counts for People & Society cognate) 3 Major Elective (*) 3 Elective Credit Hours 14 Senior Year Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy Laboratory			
The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) PHY 101 College Physics I and College Physics Laboratory I Credit Hours 17 Spring PHY 102 College Physics II 5 and College Physics II 5 and College Physics Laboratory II PSY 260 Personality Psychology (counts for People & Society cognate) 3 Major Elective (*) 3 Elective Credit Hours 14 Credit Hours 14 Senior Year Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 and Human Anatomy Laboratory	& CHM 206	· · · · · · · · · · · · · · · · · · ·	
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and College Physics Laboratory II PSY 260 Personality Psychology (counts for People & Society cognate) Major Elective (*) Elective Credit Hours 14 Senior Year Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) HCS 212 Human Anatomy & HCS 213 and Human Anatomy Laboratory	Spring		
PSY 260 Personality Psychology (counts for People & Society cognate) Major Elective (*) Elective Credit Hours 14 Senior Year Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) HCS 212 Human Anatomy & HCS 213 and Human Anatomy Laboratory	PHY 102 & PHY 108		5
Elective Credit Hours 14 Senior Year Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) HCS 212 Human Anatomy 4 And Human Anatomy Laboratory	PSY 260		3
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Senior Year Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy Laboratory	Elective		3
Fall ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy Laboratory		Credit Hours	14
HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy Laboratory	Senior Year Fall		
& HCS 213 and Human Anatomy Laboratory	ENG 260	African-American Literature (W; counts for Arts & Humanities cognate)	3
·	HCS 212		4
Elective (W)	& HCS 213	and Human Anatomy Laboratory	
	Elective (W)		3

Elective		3
Elective		3
	Credit Hours	16
Spring		
PHI 115	Social and Ethical Issues in Computing	3
HCS 215	Principles of Systemic Physiology	3
Elective (W)		3
Elective		3
	Credit Hours	12
	Total Credit Hours	122

(W) = Course is designated as writing-intensive

(*) = Students may fulfill this requirement by taking BMB 401 or any BIL, BPH, or HCS course for at least 3 credits at the 200 level or above (except for BPH 202, HCS 202, and NUR 202)

Sample Plan of Study - Health Management and Policy Track

•	, ,	
Freshman Year		
Fall		Credit Hours
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
ECO 211	Principles of Microeconomics	3
HMP 270	Introduction to Health Management and Policy	3
WRS 105	First-Year Writing I	3
MTH 107	Precalculus Mathematics I	3
UMX 100	The University of Miami Experience	0
	Credit Hours	17
Spring		
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
ECO 212	Principles of Macroeconomics	3
WRS 106, 107,	First-Year Writing II	3
or ENG 106	or First-Year Writing II: STEM	
	or Writing About Literature and Culture	
MTH 108	Precalculus Mathematics II	3
PSY 110	Introduction to Psychology (counts for People & Society cognate)	3
	Credit Hours	17
Sophomore Year		
Fall		
BIL 250	Genetics	3
CHM 103	Chemistry for the Health Sciences I	4
& CHM 105	and Chemistry for the Health Sciences I (Laboratory)	
MTH 161	Calculus I	4
PSY 240	Psychopathology (counts for People & Society cognate)	3
Major Elective (*)		3
	Credit Hours	17
Spring		
BIL 255	Cellular and Molecular Biology	3
CHM 104	Chemistry for the Health Sciences II	4
& CHM 106	and Chemistry for the Health Sciences II (Laboratory)	
ENG 214	American Literature II (W; counts for Arts & Humanities cognate)	3
HCS 202	Introductory Statistics in Health Care	3
Major Elective (*)		3
	Credit Hours	16

Junior Year		
Fall		
BPH 306	Principles of Nutrition	3
ENG 389	The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate)	3
INS 570		3
PHY 101 & PHY 106	College Physics I and College Physics Laboratory I	5
	Credit Hours	14
Spring		
PHY 102 & PHY 108	College Physics II and College Physics Laboratory II	5
PSY 260	Personality Psychology (counts for People & Society cognate)	3
Major Elective (*)		3
Elective (W)		3
	Credit Hours	14
Senior Year		
Fall		
BSL 212	Introduction to Business Law and Ethics	3
ENG 260	African-American Literature (W; counts for Arts & Humanities cognate)	3
HCS 212	Human Anatomy	4
& HCS 213	and Human Anatomy Laboratory	
HMP 320	Health Care Demand and Supply	3
Elective (W)		3
	Credit Hours	16
Spring		
CSC 115	Python Programming for Everyone	3
HCS 215	Principles of Systemic Physiology	3
HMP 460	Health Care Law and Ethics	3
Major Elective (*)		3
	Credit Hours	12
	Total Credit Hours	123

⁽W) = Course is designated as writing-intensive

(*) = Students may fulfill this requirement by taking BMB 401 or any BIL, BPH, or HCS course for at least 3 credits at the 200 level or above (except for BPH 202, HCS 202, and NUR 202)

Sample Plan of Study - Pre-Med Track

	1000	
Freshman Year		
Fall		Credit Hours
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
BPH 206	Introduction to Public Health	3
MTH 107	Precalculus Mathematics I	3
WRS 105	First-Year Writing I	3
UMX 100	The University of Miami Experience	0
Elective		3
	Credit Hours	17
Spring		
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	

or FRIST 105 or First-Year Winting II: STEM OR WINTING About Literature and Culture MIH 108 Precalculus Mathematics II PSY 110 Introduction to Psychology (counts for People & Society cognate) 3 Selective Credit Hours Trail SILES Sophomore Year Fall SILES CHM 121 Principles of Chemistry CHM 121 Principles of Chemistry SchM 121 Principles of Chemistry CHM 121 Principles of Chemistry SchM 121 Principles of Chemistry CHM 121 Principles of Chemistry Spring SIRES CHM 123 Principles of Chemistry CHM 124 Principles of Chemistry CHM 125 Principles of Chemistry CHM 126 Principles of Chemistry CHM 127 Principles of Chemistry CHM 127 Principles of Chemistry CHM 128 Principles of Chemistry CHM 129 Principles of Chemistry CHM 129 Principles of Chemistry CHM 120 Introduction to Structure and Dynamics CHM 120 Introduction and Dynamics CHM 120 Introduction and Dynamics CHM 120 Introduction to Structure and Dynamics CHM 120 Introduction to Structure and Dynamics CHM 120 Introduction to Structure and Dynamics CHM 12	WRS 106, 107,	First-Year Writing II	3	
MITH 108 Pecaloulus Mathematics II 3 158 110 introduction to Psychology (counts for People & Society cognate) 3 158 110 introduction to Psychology (counts for People & Society cognate) 3 178				
PSY 110		or Writing About Literature and Culture		
Section	MTH 108	Precalculus Mathematics II	3	
Sophomore Year Fall Sophomore Year Fall Sophomore Year Fall Sophomore Year Fall Sophomore Year Sophomore	PSY 110	Introduction to Psychology (counts for People & Society cognate)	3	
Sophomore Year Fall Fall III Bil 250 Genetics 3 CHM 121 Principles of Chemistry 5 SCHM 113 and Chemistry Laboratory I 5 MTH 161 Calculus I 4 PSY 240 Psychopathology (counts for People & Society cognate) 3 Spring Bil 255 Cellular and Molecular Biology 3 8 CHM 221 Introduction to Structure and Dynamics 5 8 CHM 205 and Chemical Dynamics Laboratory 5 8 CHM 205 and Chemical Dynamics Laboratory 3 8 CHW 202 Introductory Statistics in Health Care 14 Junior Year Fall BPH 306 Principles of Nutrition 3 Credit Hours 3 BPH 306 Principles of Nutrition 3 BPH 307 Arts & Humanities cognate year to say and Synthesis aboratory 6 BPH 308 The Strites: Literature History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3	Elective			
Fall SIL 250 Genetics 3 6 CHM 121 Principles of Chemistry 5 6 CHM 113 and Chemistry Laboratory I 4 MTH 161 Calculus I 4 4 PSY 240 Psychopathology (counts for People & Society cognate) 3 4		Credit Hours	17	
SIL 250 Genetics 3 3 1 1 1 1 1 1 1 1				
CHM 121 Principles of Chemistry 5 CHM 113 and Chemistry Laboratory I 4 PSY 240 Psychopathology (counts for People & Society cognate) 3 Spring 15 BIL 255 Cellular and Molecular Biology 3 CHM 221 Introduction to Structure and Dynamics 3 6 CHM 205 and Chemical Dynamics Laboratory 3 ENG 214 American Literature II (Wr. counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 AUMIO Year 7 Fall Trock Indus 14 Junior Year 14 Fall Credit Hours 13 BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 SCHM 206 and Organic Reactions and Synthesis Laboratory 2 ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 5 PHY 101 College Physics I 5 & PHY 102 College Physics I 5 <td></td> <td></td> <td></td>				
& CHM 113 and Chemistry Laboratory I 4 PSY 240 Psychopathology (counts for People & Society cognate) 3 Credit Hours 15 Spring 15 BIL 255 Cellular and Molecular Biology 3 CHM 221 Introduction to Structure and Dynamics 5 ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HGS 202 Introductory Statistics in Health Care 3 For Sunday 3 HGS 202 Introductory Statistics in Health Care 3 Fall 5 Credit Hours 14 Junior Year Fall 5 Credit Hours 14 Amount of State Care In				
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Credit Hours 15				
Spring Spring 3 BIL 255 Cellular and Molecular Biology 3 CKHM 221 Introduction to Structure and Dynamics 5 & CHM 205 and Chemical Dynamics Laboratory 3 ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 LCS 202 Introductory Statistics in Health Care 3 LCS 202 Introductory Statistics in Health Care 14 Junior Year Tell 1 Fall Tell 3 BPH 306 Principles of Nutrition 3 CHM 222 Organic Reactions and Synthesis 6 A CHM 206 and Organic Reactions and Synthesis Laboratory 6 ENG 389 The Skries: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) 3 PHY 101 College Physics I 5 & PHY 102 College Physics I 4 & PHY 103 Biochemistry for the Biomedical Sciences 4 PHY 104 College Physics I 5 PHY 105 and College Physics I 5	PS1 240			
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ENG 214 American Literature II (W; counts for Arts & Humanities cognate) 3 HCS 202 Introductory Statistics in Health Care 3 Junior Year 14 Junior Year <td and="" organic<="" rows="" td=""><td></td><td></td><td>5</td></td>	<td></td> <td></td> <td>5</td>			5
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& CHM 206 and Organic Reactions and Synthesis Laboratory ENG 389 The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate) PHY 101 College Physics I and College Physics Laboratory I Credit Hours 17 Spring BMB 401 Biochemistry for the Biomedical Sciences 4 PHY 102 College Physics II and College Physics Laboratory II 5 PHY 108 and College Physics Laboratory II 3 PSY 260 Personality Psychology (counts for People & Society cognate) 3 Elective 3 Credit Hours 15 Senior Year Fall BPH 208 Introductory Epidemiology 3 ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy 4 & HCS 213 and Human Anatomy 3 Spring 3 CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3 <td>BPH 306</td> <td>Principles of Nutrition</td> <td>3</td>	BPH 306	Principles of Nutrition	3	
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PHY 102 College Physics II 5 8 PHY 108 and College Physics Laboratory II PSY 260 Personality Psychology (counts for People & Society cognate) 3 Elective 3 Credit Hours 15 Senior Year Fall BPH 208 Introductory Epidemiology 3 ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 4 HCS 213 and Human Anatomy Laboratory Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3 Principles of Systemic Physiology 3 A minute of the Arts & Human Anatomy 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Spring			
& PHY 108 and College Physics Laboratory II PSY 260 Personality Psychology (counts for People & Society cognate) 3 Elective 3 Credit Hours 15 Senior Year Fall BPH 208 Introductory Epidemiology 3 ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 # HCS 213 and Human Anatomy 4 Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3 3 Torest People & Society cognate (Counts for People & Society cognate) 3 Torest Hours 15 Bython Programming for Everyone 3 Torest People & Society cognate (Counts for People & Society cognate) 3 Torest Hours 15	BMB 401	Biochemistry for the Biomedical Sciences	4	
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Credit Hours 15 Senior Year Fall BPH 208 Introductory Epidemiology 3 ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy Laboratory 3 Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3		Personality Psychology (counts for People & Society cognate)		
Senior Year Fall BPH 208 Introductory Epidemiology 3 ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy Laboratory Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3	Elective			
Fall BPH 208 Introductory Epidemiology 3 ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) 3 HCS 212 Human Anatomy 4 & HCS 213 and Human Anatomy Laboratory Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3		Credit Hours	15	
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ENG 260 African-American Literature (W; counts for Arts & Humanities cognate) HCS 212 Human Anatomy & HCS 213 and Human Anatomy Laboratory Elective (W) Credit Hours 13 Spring CSC 115 Python Programming for Everyone HCS 215 Principles of Systemic Physiology 3 African-American Literature (W; counts for Arts & Humanities cognate) 4 Counts for Arts & Humanities cognate) 3 HUS 213 Fundamental Purpose Suppose S	Fall			
HCS 212 Human Anatomy and Human Anatomy Laboratory 4 & HCS 213 and Human Anatomy Laboratory Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3			3	
& HCS 213 and Human Anatomy Laboratory Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3	ENG 260	African-American Literature (W; counts for Arts & Humanities cognate)	3	
Elective (W) 3 Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3		·	4	
Credit Hours 13 Spring CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3		and Human Anatomy Laboratory		
SpringCSC 115Python Programming for Everyone3HCS 215Principles of Systemic Physiology3	Elective (W)			
CSC 115 Python Programming for Everyone 3 HCS 215 Principles of Systemic Physiology 3		Credit Hours	13	
HCS 215 Principles of Systemic Physiology 3	Spring			
	CSC 115	Python Programming for Everyone	3	
	HCS 215	Principles of Systemic Physiology	3	
	Elective (W)			

Elective	3
Credit Hours	12
Total Credit Hours	120

(W) = Course is designated as writing-intensive

Sample Plan of Study - Pre-Occupational Therapy Track

	ady The Occupational Inchapy Hack	
Freshman Year		
Fall		Credit Hours
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
BPH 206	Introduction to Public Health	3
WRS 105	First-Year Writing I	3
MTH 107	Precalculus Mathematics I	3
UMX 100	The University of Miami Experience	0
Elective		3
	Credit Hours	17
Spring		
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
BPH 208	Introductory Epidemiology	3
MTH 108	Precalculus Mathematics II	3
PSY 110	Introduction to Psychology	3
WRS 106, 107,	First-Year Writing II	3
or ENG 106	or First-Year Writing II: STEM	
	or Writing About Literature and Culture	
	Credit Hours	17
Sophomore Year		
Fall		
BIL 250	Genetics	3
CHM 121	Principles of Chemistry	5
& CHM 113	and Chemistry Laboratory I	
MTH 161	Calculus I	4
PSY 240	Psychopathology	3
	Credit Hours	15
Spring		
BIL 255	Cellular and Molecular Biology	3
CHM 221	Introduction to Structure and Dynamics	5
& CHM 205	and Chemical Dynamics Laboratory	
ENG 214	American Literature II (W; counts for Arts & Humanities cognate)	3
HCS 202	Introductory Statistics in Health Care	3
	Credit Hours	14
Junior Year		
Fall		
BPH 306	Principles of Nutrition	3
CHM 222	Organic Reactions and Synthesis	6
& CHM 206	and Organic Reactions and Synthesis Laboratory	
ENG 389	The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate)	3
PHY 101	College Physics I	5
& PHY 106	and College Physics Laboratory I	
	Credit Hours	17
Spring		
APY 202	Principles of Cultural Anthropology (counts for People & Society cognate)	3
l		

BPH 317	Theories in Growth and Development	3
KIN 230	Medical Terminology and Documentation	1
PHY 102 & PHY 108	College Physics II and College Physics Laboratory II	5
	Credit Hours	12
Senior Year		
Fall		
APY 413	Medical Anthropology (counts for People & Society cognate)	3
ENG 260	African-American Literature (W; counts for Arts & Humanities cognate)	3
HCS 212	Human Anatomy	4
& HCS 213	and Human Anatomy Laboratory	
Elective (W)		3
Elective		3
	Credit Hours	16
Spring		
CSC 115	Python Programming for Everyone	3
HCS 215	Principles of Systemic Physiology	3
PSY 250	Cognitive Psychology (counts for People & Society cognate)	3
Elective (W)		3
	Credit Hours	12
	Total Credit Hours	120

Sample Plan of Study - Pre-Pharmacy Track

Freshman Year		
Fall		Credit Hours
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
MTH 107	Precalculus Mathematics I	3
WRS 105	First-Year Writing I	3
UMX 100	The University of Miami Experience	0
Elective		3
Elective		3
	Credit Hours	17
Spring		
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
WRS 106, 107,	First-Year Writing II	3
or ENG 106	or First-Year Writing II: STEM	
	or Writing About Literature and Culture	
MTH 108	Precalculus Mathematics II	3
PSY 110	Introduction to Psychology (counts for People & Diety Cognate)	3
Elective		3
	Credit Hours	17
Sophomore Year		
Fall		
BIL 250	Genetics	3
CHM 121	Principles of Chemistry	5
& CHM 113	and Chemistry Laboratory I	
MTH 161	Calculus I	4
PSY 240	Psychopathology (counts for People & Dictional Country	3
	Credit Hours	15
Spring		
BIL 255	Cellular and Molecular Biology	3

	Total Credit Hours	122
	Credit Hours	12
Elective		3
Elective (W)		3
HCS 215	Principles of Systemic Physiology	3
PHI 115	Social and Ethical Issues in Computing	3
Spring	Credit Hours	16
Elective		3
Elective		3
Elective (W)		3
HCS 212 & HCS 213	Human Anatomy and Human Anatomy Laboratory	4
ENG 260	African-American Literature (W; counts for Arts & Dumanities cognate)	3
Fall		
Senior Year	Credit Hours	14
Elective	- Pari	3
Major Elective (*)		3
PSY 260	Personality Psychology (counts for People & Deciety Cognate)	3
& PHY 108	and College Physics Laboratory II	
Spring PHY 102	College Physics II	5
	Credit Hours	17
PHY 101 & PHY 106	College Physics I and College Physics Laboratory I	5
ENG 389	The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & December 2015)	3
CHM 222 & CHM 206	Organic Reactions and Synthesis and Organic Reactions and Synthesis Laboratory	6
BPH 306	Principles of Nutrition	3
Fall		
Junior Year	Credit Hours	14
HCS 202	Introductory Statistics in Health Care	3
ENG 214	American Literature II (W; counts for Arts & Dumanities cognate)	3
& CHM 205	and Chemical Dynamics Laboratory	
CHM 221	Introduction to Structure and Dynamics	5

Plan of Study - Pre-Physical Therapy Track

Freshman Year		
Fall		Credit Hours
BIL 150	General Biology	5
& BIL 151	and General Biology Laboratory	
WRS 105	First-Year Writing I	3
MTH 107	Precalculus Mathematics I	3
UMX 100	The University of Miami Experience	0
Elective		3
Elective		3
	Credit Hours	17

Spring		
BIL 160	Evolution and Biodiversity	5
& BIL 161	and Evolution and Biodiversity Laboratory	
WRS 106, 107, or ENG 106	First-Year Writing II or First-Year Writing II: STEM	3
OI LING 100	or Writing About Literature and Culture	
MTH 108	Precalculus Mathematics II	3
PSY 110	Introduction to Psychology	3
Elective		3
	Credit Hours	17
Sophomore Year		
Fall		
BIL 250	Genetics	3
CHM 121	Principles of Chemistry	5
& CHM 113	and Chemistry Laboratory I	
MTH 161	Calculus I	4
PSY 240	Psychopathology	3
Coming	Credit Hours	15
Spring BIL 255	Cellular and Molecular Biology	3
CHM 221	Introduction to Structure and Dynamics	5
& CHM 205	and Chemical Dynamics Laboratory	3
ENG 214	American Literature II (W; counts for Arts & Humanities cognate)	3
HCS 202	Introductory Statistics in Health Care	3
	Credit Hours	14
Junior Year		
Fall		
BPH 306	Principles of Nutrition	3
CHM 222	Organic Reactions and Synthesis	6
& CHM 206	and Organic Reactions and Synthesis Laboratory	_
ENG 389	The Sixties: Literature, History, and Culture of the 1960s (W; counts for Arts & Humanities cognate)	3
PHY 101	College Physics I	5
& PHY 106	and College Physics Laboratory I	
	Credit Hours	17
Spring		
APY 202	Principles of Cultural Anthropology (counts for People & Society cognate)	3
PHY 102 & PHY 108	College Physics II and College Physics Laboratory II	5
Major Elective (*)	and conege in your Laboratory in	3
Elective		3
	Credit Hours	14
Senior Year		
Fall		
APY 413	Medical Anthropology (counts for People & Society cognate)	3
ENG 260	African-American Literature (W; counts for Arts & Humanities cognate)	3
HCS 212	Human Anatomy	4
& HCS 213	and Human Anatomy Laboratory	
Elective (W)	- P. 11	3
Our district	Credit Hours	13
Spring	Dish on Drawnsking for Francisco	
CSC 115	Python Programming for Everyone	3
HCS 215 & HCS 216	Principles of Systemic Physiology and Principles of Systemic Physiology Laboratory (**)	4
S50 210	2 Molphot of Systems Chysiology Euboratory ()	

PSY 250	Cognitive Psychology (counts for People & Society cognate)	3
Elective (W)		3
	Credit Hours	13
	Total Credit Hours	120

- W Course is designated as writing-intensive
- * Students may fulfill this requirement by taking BMB 401 or any BIL, BPH, or HCS course for at least 3 credits at the 200 level or above (except for BPH 202, HCS 202, and NUR 202.
- ** HCS 216 is highly recommended but not required.

Mission

The Mission of the School of Nursing and Health Studies is to educate students and support faculty committed to excellence in the art and science of nursing and health studies through creating and disseminating health knowledge and developing culturally competent leaders to provide safe service to our community, the nation and the world. The University of Miami School of Nursing and Health Studies offers courses leading to the degree of Bachelor of Science in Health Science. Baccalaureate education provides the foundation for further education in specialized health professional fields. Pre-professional tracks include Pre- physical therapy, Pre-pharmacy, Pre-medicine, Pre-occupational therapy, Health Management and Policy, and Health Science General.

Student Learning Outcomes

- · Students will be able to demonstrate advanced knowledge of the structure and function of the human anatomy.
- · Students will be able to demonstrate knowledge of statistical analyses.
- Students will demonstrate knowledge related to nutrition in human health and well-being.