

Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Health Sciences
(General Interest Track)
- **NEW FALL 2014** -

First Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
HSC 200 Introduction to Health Sciences	3	X		HSC 203 Medical Terminology	1	X	
ASC 101 Introduction to University Life	1		INTRO	ENG 102 English II	3		W/C
ENG 101 English I	3		W/C	MTH 147 Statistical Concepts OR PSY 217 [^]	3	X	M/QL
MTH 116 Foundations of Quantitative Literacy (Recommended)	3		M/QL	PHL 240 Health Care Ethics	3	X	A&H
Natural Science with Lab	4		NS	Natural Science	3		NS
				African American Elective	3		DIV
<i>Semester Total</i>	14			<i>Semester Total</i>	16		

Second Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
Area of Emphasis Elective	3	X		Social Science Elective (outside the US/ALAAME)	3		SS
HSC 305 Culture and Health Care	3	X	DIV	Area of Emphasis Elective	3	X	
Social Science Elective	3		SS	Area of Emphasis Elective	3	X	
Arts & Humanities Elective (outside the US/ALAAME)	3		A&H	General Elective*	3		
General Elective*	3			General Elective*	3		
<i>Semester Total</i>	15			<i>Semester Total</i>	15		

Third Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
Area of Emphasis Elective	3	X		Area of Emphasis Elective	3	X	
Area of Emphasis Elective	3	X		Area of Emphasis Elective	3	X	
Area of Emphasis Elective	3	X		Area of Emphasis Elective	3	X	
Writing Across the Curriculum Elective	3		WAC	Writing Across the Curriculum Elective	3		WAC
General Elective*	3			General Elective*	3		
<i>Semester Total</i>	15			<i>Semester Total</i>	15		

Fourth Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
Area of Emphasis Elective	3	X		HSC 484 Adv Research and Writing (Recommended)**	3	X	WAC, CAP
Area of Emphasis Elective	3	X		Area of Emphasis Elective	3	X	
Area of Emphasis Elective	3	X		Area of Emphasis Elective	3	X	
Area of Emphasis Elective	3	X		Area of Emphasis Elective	3	X	
General Elective*	3			General Elective*	3		
Apply for Spring graduation prior to Sep 9th							
<i>Semester Total</i>	15			<i>Semester Total</i>	15		
Degree Total (as listed in above sample): 120 (120 hours minimum required to earn degree)							

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency

College/ Program Notes:

The plan above is a suggested guide to ensure that all General Education, College, University, and Major requirements are met within 4 years of study. Students may deviate from the suggested placement of Gen Ed courses, although the M/QL and W/C requirements should be completed during the first year of study.

*Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a **minimum of 120 total credit hours**, of which a **minimum of 42 credit hours** must be upper division (300 or 400-level courses). Depending upon elective choices made, students may not need as many electives as indicated above, or may need additional electives. This degree map assumes that most Area of Emphasis electives are 300/400-level courses.

[^]Only one QL course can be applied to the M/QL requirement. The other course must be an MTH course.

**Other capstone courses are available, although some may require additional prerequisites and may not satisfy WAC requirements. Please see the catalog and/or your advisor for more information.

University Notes:

Gen Ed Key:	SS = Social Sciences (two courses, one of which must be focused outside the US**) A&H = Arts & Humanities (two courses, one must be focused outside the US**) DIV = Social Diversity (two courses; one US Diversity and one African American Experience) WAC/SPAC = Writing/Speaking Across the Curriculum (three courses, one in the major; C or better required) CAP = Capstone ** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)
INTRO = Introduction to University Life (one course)	
W/C = Writing/Composition (two courses; C or better required)	
M/QL = Mathematics/Quantitative Literacy (two courses)	
NS = Natural Sciences (two courses, one of which must have a lab)	

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Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Health Sciences
(Pre-Physician Assistant Track)
- **NEW FALL 2014** -

First Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
PSY 101 Intro to Psychology	3	X	SS	HSC 203 Medical Terminology	1	X	
ASC 101 Introduction to University Life	1		INTRO	ENG 102 English II	3		W/C
ENG 101 English I	3		W/C	HSC 200 Introduction to Health Sciences	3	X	
MTH 147 Statistical Concepts OR PSY 217 [^]	3		M/QL	PHL 240 Health Care Ethics	3	X	A&H
BIO 266/267 Anatomy & Physiology I/Lab	4	X	NS	BIO 268/269 Anatomy & Physiology II/Lab	4	X	NS
<i>Semester Total</i>	14			<i>Semester Total</i>	14		

Second Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
BIO 200/201 Introductory Biology I/Lab	4	X	NS	BIO 202/203 Introductory Biology II/Lab	4	X	NS
HSC 305 Culture and Health Care	3	X	DIV	African American Elective	3		DIV
MTH 347 Applied Statistics OR PSY 317 [^]	3	X	M/QL	Social Science Elective (outside the US/ALAAME)	3		SS
Arts & Humanities Elective (outside the US/ALAAME)	3		A&H	General Elective*	3		
General Elective*	3			Pre-PA Area of Emphasis Elective	3	X	
<i>Semester Total</i>	16			<i>Semester Total</i>	16		

Third Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
CHM 261/266 General Chemistry I/Lab	4	X	NS	CHM 262/267 General Chemistry II/Lab	4	X	NS
Upper Division Elective*	3			Pre-PA Area of Emphasis Elective	3	X	
Writing Across the Curriculum Elective	3		WAC	Writing Across the Curriculum Elective	3		WAC
Pre-PA Area of Emphasis Elective	3	X		BIO 264/265 Microbiology/Lab	4	X	
Pre-PA Area of Emphasis Elective	3	X					
<i>Semester Total</i>	16			<i>Semester Total</i>	14		

Fourth Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
CHM 331/336 Organic Chemistry I/Lab	5	X		HSC 484 Adv Research and Writing (Recommended)**	3	X	WAC, CAP
Upper Division Elective*	3			Upper Division Elective*	3		
Upper Division Elective*	3			Upper Division Elective*	3		
Upper Division Elective*	3			Upper Division Elective*	3		
Upper Division Elective*	3			Upper Division Elective*	3		
Apply for Spring graduation prior to Sep 9th							
<i>Semester Total</i>	17			<i>Semester Total</i>	15		
Degree Total (as listed in above sample): 122 (120 hours minimum required to earn degree)							

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency

College/ Program Notes:

The plan above is a suggested guide to ensure that all General Education, College, University, and Major requirements are met within 4 years of study. Students may deviate from the suggested placement of Gen Ed courses, although the M/QL and W/C requirements should be completed during the first year of study.

*Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a **minimum of 120 total credit hours**, of which a **minimum of 42 credit hours** must be upper division (300 or 400-level courses). Depending upon elective choices made, students may not need as many electives as indicated above, or may need additional electives.

[^]Only one QL course can be applied to the M/QL requirement. The other course must be an MTH course.

**Other capstone courses are available, although some may require additional prerequisites and may not satisfy WAC requirements. Please see the catalog and/or your advisor for more information.

University Notes:

Gen Ed Key:	SS = Social Sciences (two courses, one of which must be focused outside the US**)
INTRO = Introduction to University Life (one course)	A&H = Arts & Humanities (two courses, one must be focused outside the US**)
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M/QL = Mathematics/Quantitative Literacy (two courses)	WAC/SPAC = Writing/Speaking Across the Curriculum (three courses, one in the major; C or better required)
NS = Natural Sciences (two courses, one of which must have a lab)	CAP = Capstone
** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)	

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Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Health Sciences
(Pre-Occupational Therapy Track)
- NEW FALL 2014 -

First Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
HSC 200 Introduction to Health Sciences	3	X		HSC 203 Medical Terminology	1	X	
ASC 101 Introduction to University Life	1		INTRO	ENG 102 English II	3		W/C
ENG 101 English I	3		W/C	BIO 200/201 Introductory Biology/Lab	4	X	NS
MTH 147 Statistical Concepts OR PSY 217 [^]	3		M/QL	MTH 347 Applied Statistics OR PSY 317 [^]	3	X	M/QL
PSY 101 Intro to Psychology	3	X	SS	Social Science Elective (outside the US/ALAAME)	3		SS
<i>Semester Total</i>	<i>13</i>			<i>Semester Total</i>	<i>14</i>		

Second Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
PSY 345 Abnormal Psychology	3	X		PSY 223 Lifespan Development	3	X	
HSC 305 Culture and Health Care	3	X	DIV	Natural Science Elective	3		NS
African American Elective	3		DIV	Arts & Humanities Elective (outside the US/ALAAME)	3		A&H
PHL 240 Health Care Ethics	3	X	A&H	Pre-OT Area of Emphasis Elective	3	X	
General Elective*	3			General Elective*	3		
<i>Semester Total</i>	<i>15</i>			<i>Semester Total</i>	<i>15</i>		

Third Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
HSC 422/450 Physiology for the Clinical Sciences/Lab	5	X		HSC 381 Pathology	4	X	
Writing Across the Curriculum Elective	3		WAC	Writing Across the Curriculum Elective	3		WAC
Pre-OT Area of Emphasis Elective	3	X		Pre-OT Area of Emphasis Elective	3	X	
Pre-OT Area of Emphasis Elective	3	X		Pre-OT Area of Emphasis Elective	3	X	
General Elective*	3			General Elective*	3		
<i>Semester Total</i>	<i>17</i>			<i>Semester Total</i>	<i>16</i>		

Fourth Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
HSC 475/457 Human Gross Anatomy/Lab	6	X		HSC 484 Adv Research and Writing (Recommended)**	3	X	WAC, CAP
General Elective*	3			HSC 476/478 Neuroscience Systems/Lab	5	X	
General Elective*	3			Upper Division Elective*	3		
Upper Division Elective*	3			Upper Division Elective*	3		
				Upper Division Elective*	3		
Apply for Spring graduation prior to Sep 9th							
<i>Semester Total</i>	<i>15</i>			<i>Semester Total</i>	<i>17</i>		
<i>Degree Total (as listed in above sample): 122 (120 hours minimum required to earn degree)</i>							

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency. **Minimum 24 ACT/1100 SAT (or acceptance into CSU Honors/Scholars) required for entry into the Pre-Occupational Therapy track.**

College/ Program Notes:

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**Other capstone courses are available, although some may require additional prerequisites and may not satisfy WAC requirements. Please see the catalog and/or your advisor for more information.

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Cleveland State University
College of Sciences and Health Professions
Bachelor of Science in Health Sciences
(Pre-Physical Therapy Track)
- NEW FALL 2014 -

First Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
ASC 101 Introduction to University Life	1		INTRO	HSC 203 Medical Terminology	1	X	
ENG 101 English I	3		W/C	ENG 102 English II	3		W/C
MTH 147 Statistical Concepts OR PSY 217^	3		M/QL	CHM 252/257 College Chemistry II/Lab**	4	X	NS
PSY 101 Intro to Psychology (Recommended)	3	X	SS	MTH 347 Applied Statistics OR PSY 317^	3	X	M/QL
CHM 251/256 College Chemistry I/Lab**	4	X	NS	HSC 200 Introduction to Health Sciences	3	X	
<i>Semester Total</i>	14			<i>Semester Total</i>	14		

Second Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
BIO 200/201 Introductory Biology I/Lab**	4	X	NS	PHY 221 College Physics I**	5	X	NS
PHL 240 Health Care Ethics	3	X	A&H	HSC 305 Culture and Health Care	3	X	DIV
Social Science Elective (outside the US/ALAAME)	3		SS	Arts & Humanities Elective (outside the US/ALAAME)	3		A&H
African American Elective	3		DIV	Writing Across the Curriculum Elective	3		WAC
General Elective*	3			General Elective*	3		
<i>Semester Total</i>	16			<i>Semester Total</i>	17		

Third Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
PHY 222 College Physics II**	5	X	NS	HSC 381 Pathology	4	X	
HSC 422/450 Physiology for the Clinical Sciences/Lab	5	X		Social Science Elective for PT (not PSY 217/317)	3	X	
Writing Across the Curriculum Elective	3		WAC	General Elective*	3		
General Elective*	3			General Elective*	3		
<i>Semester Total</i>	16			<i>Semester Total</i>	13		

Fourth Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
HSC 475/457 Human Gross Anatomy/Lab	6	X		HSC 484 Adv Research and Writing (Recommended)***	3	X	WAC, CAP
General Elective*	3			HSC 476/478 Neuroscience Systems/Lab	5	X	
Upper Division Elective*	3			Upper Division Elective*	3		
Upper Division Elective*	3			Upper Division Elective*	3		
				Upper Division Elective*	3		
Apply for Spring graduation prior to Sep 9th							
<i>Semester Total</i>	15			<i>Semester Total</i>	17		

Degree Total (as listed in above sample): 122 (120 hours minimum required to earn degree)

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency. **Minimum 24 ACT/1100 SAT (or acceptance into CSU Honors/Scholars) required for entry into the Pre-Physical Therapy track.**

College/ Program Notes:

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**Students may deviate from the suggested order of the CHM, BIO & PHY courses

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