

**Semester One: Total Credit Hours: 14**

Class Title	Hours
PTH100P Philosophy/Theology Pathway Seminar (first 7 weeks)	1
PTH100L Literature Pathway Seminar (second 7 weeks)	1
PTH101 Community and Well-Being	1
ENG121 Composition I <b>OR</b> ENG190 Honors English*	3
Mathematics course: MTH121 Calculus I*	4
CHM111/113/115 General Chemistry I with lab and recitation (prerequisite MTH111)	4

First-year PTH courses will be assigned by the Office of Academic Advising. The actual sequence of seminar topics may vary from what is shown, but all students will complete PTH100L, PTH100P, PTH100H and PTH100I.

Courses noted with an \* are pending advising review for placement

**Semester Two: Total Credit Hours: 14**

Class Title	Hours
PTH100H History/Social Sciences Pathway Seminar (second 7 weeks)	1
PTH100I Interdisciplinary/Humanities Pathway Seminar (first 7 weeks)	1
PTH102 Engagement and Outreach	1
ENG123 Composition II <b>OR</b> ENG290 Honors English	3
MTH122 Calculus II	4
CHM112/114 General Chemistry II with lab (prerequisite CHM111/113)	4

**Semester Three: Total Credit Hours: 18**

Class Title	Hours
ENG prefix (200 level course) <b>OR</b> WRI276 Intro to Creative Writing	3
PHL101 Introduction to Logic <b>OR</b> PHL190 Honors Logic	3
MTH223 Calculus III	4
CHM231/233/235 Organic Chemistry I with lab and recitation (prerequisite CHM112/114)	4
PHY221/214 Physics with Calculus I and lab (prerequisite MTH121)	4

**Semester Four: Total Credit Hours: 15**

Class Title	Hours
PHL prefix (200 or 300 level course)	3
PHY 222/214 Physics with Calculus II and lab	4
CHM232/234 Organic Chemistry II with lab (prerequisite CHM231/233)	4
CHM351/353 Analytical Chemistry with lab (prerequisite CHM112/114)	4

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**Semester Five: Total Credit Hours: 16**

Class Title	Hours
Foreign Language I*	3
CHM302/304 Instrumental Analysis with lab	5
CHM441/443 Physical Chemistry I with lab (prerequisites PHY222, MTH122)	4
CHM451/453 Advanced Inorganic Chemistry I with lab (prerequisite CHM232)	4

Courses noted with an \* are pending advising review for placement

**Semester Six: Total Credit Hours: 14**

Class Title	Hours
Foreign Language 2	3
CHM442/444 Physical Chemistry II with lab (prerequisites PHY222, MTH323)	4
CHM392 Junior Seminar in Chemistry	1
CHM395 Chemistry Research	3
Elective (100 to 400 level course)-any eligible degree	3

**Semester Seven: Total Credit Hours: 17**

Class Title	Hours
HIS110 The Global Community/HIS290 OR HIS211 Western Civilization to 1648 OR HIS212 Western Civilization Since 1648 OR POL151 Intro to Comparative Politics OR POL161 Intro to International Relations	3
THL101 Introduction to Christian Theology OR THL190 Honors Theology I	3
Visual/Performing Arts: ART, ARH, MUS, THR prefix (choose one)	4
CHM461/464 Biochemistry I with lab (prerequisite CHM231) BIO360 Cell Biology is recommended-prerequisites BIO205/BIO207-prerequisite CHM112 or BIO241 prerequisite BIO101 and CHM232)	4
Program Elective (300 or 400 level course)	3

**Semester Eight: Total Credit Hours: 13**

Class Title	Hours
THL prefix (200 or 300 level course)	3
HIS120 The American National Community <u>OR</u> HIS 213 US to 1876 <u>OR</u> HIS214 US Since 1876 <u>OR</u> POL112 Intro to American Politics	3
Social Science (PSY, POL, ECO, or SOC prefix)-choose one	3
CHM492 Senior Seminar in Chemistry	1
Elective (100 to 400 level course)-any eligible degree	3

**Total Semester Hours: 121**

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