

Program Completion Plan (Eight-Semester Plan)

Department: Physics and Astronomy **Degree:** BS
Program/Major: Physics
Track/Emphasis: Physical Science
Does this program require a minor? (Yes/No) Yes¹

Important information in the *Undergraduate Bulletin*:

General Education Requirements: <http://www.uca.edu/ubulletin/02/208.html>
Degree Requirements: <http://www.uca.edu/ubulletin/02/209.html>
Program Requirements: <http://www.uca.edu/ubulletin/03/30603.html>

This degree program requires a total of **124** semester credit hours, including at least **40** upper-division credit hours.

| Year 1 | | | | Year 2 | | | |
|----------------------|-----------|----------------------|-----------|----------------------|-----------|-------------------------------|-----------|
| Fall (Semester 1) | | Spring (Semester 2) | | Fall (Semester 3) | | Spring (Semester 4) | |
| Course | SCH | Course | SCH | Course | SCH | Course | SCH |
| PHYS 1441 or 1410 | 4 | PHYS 1442 or 1420 | 4 | PHYS 2443 | 4 | CHEM 1451 | 4 |
| MATH 1591 | 5 | MATH 1592 | 5 | MATH 2371 | 3 | Gen Ed ² | 3 |
| BIOL 1400 | 4 | Gen Ed ² | 3 | CHEM 1450 | 4 | Gen Ed ² | 3 |
| WRTG 1310 | 3 | WRTG 1320 | 3 | Gen Ed ² | 3 | Gen Ed ² | 3 |
| | | | | Gen Ed ² | 3 | Minor Elective ^{1,3} | 3 |
| Total credits | 16 | Total credits | 15 | Total credits | 17 | Total credits | 16 |

| Year 3 | | | | Year 4 | | | |
|------------------------------|-----------|------------------------------|-----------|------------------------------|-----------|-------------------------------|-----------|
| Fall (Semester 5) | | Spring (Semester 6) | | Fall (Semester 7) | | Spring (Semester 8) | |
| Course | SCH | Course | SCH | Course | SCH | Course | SCH |
| PHYS 3110 | 1 | PHYS 3120 | 1 | PHYS 4110 | 1 | CHEM Elective ^{3,4} | 3 |
| PHYS Elective ^{3,4} | 3 | PHYS Elective ^{3,4} | 3 | PHYS Elective ^{3,4} | 3 | Gen Ed ² | 3 |
| CHEM 2401 | 4 | CHEM Elective ^{3,4} | 3 | CHEM Elective ^{3,4} | 3 | Minor Elective ³ | 3 |
| Gen Ed ² | 3 | Gen Ed ² | 3 | Gen Ed ² | 3 | Minor Elective ³ | 3 |
| Minor Elective ³ | 3 | Minor Elective ³ | 3 | Minor Elective ³ | 3 | General Elective ³ | 3 |
| Minor Elective ³ | 3 | Minor Elective ³ | 3 | | | | |
| Total credits | 17 | Total credits | 16 | Total credits | 13 | Total credits | 15 |

SIGNED – DEPARTMENT CHAIR

DATE

SIGNED – COLLEGE DEAN

DATE

To be completed by the advisor when an Eight-Semester Plan is accepted by the student:

If applicable, has student selected a minor? No Yes (Specify) _____

Notes

- ¹ This Program Completion Plan includes 24 credit hours in the minor field of study. Minor requirements range from 18 to 27 credit hours, so students will need to adapt the number of general elective and minor elective credit hours in this PCP as needed depending upon the chosen minor field of study.
- ² See appropriate choices, alternatives, or substitutions under “General Education Program” in the Undergraduate Bulletin. General Education requirements in Writing, Mathematics, and Natural Sciences are explicitly satisfied by the requirements detailed in the program of study; courses should be chosen to satisfy the remaining requirements.
- ³ Elective Major, Elective Minor and General Elective courses must be selected so that a minimum of 40 hours of credit is earned at the 3000 level or above.
- ⁴ PHYS and CHEM elective courses must approved by the Chair of the Department of Physics and Astronomy