# Academic Map: Physics, Chemical Physics

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

## Important program information in the online Undergraduate Bulletin:

- **UCA Core Requirements:** [http://uca.edu/ubulletin/general-policies-information/uca-core/](http://uca.edu/ubulletin/general-policies-information/uca-core/)
- **LD UCA Core Check Sheet:** [http://uca.edu/academicbulletins/ld-uca-core/](http://uca.edu/academicbulletins/ld-uca-core/)
- **UD UCA Core Course List:** [http://uca.edu/academicbulletins/ud-uca-core/](http://uca.edu/academicbulletins/ud-uca-core/)
- **Degree Requirements:** [http://uca.edu/ubulletin/general-policies-information/degree-requirements/](http://uca.edu/ubulletin/general-policies-information/degree-requirements/)
- **Course Descriptions:** [http://uca.edu/ubulletin/courses/](http://uca.edu/ubulletin/courses/)

This degree program requires a total of **120** semester credit hours, including at least **40** upper-division credit hours.

Comparable courses in the Arkansas Course Transfer System (ACTS) are cross-referenced in the ACTS column of each semester block below; a core link ([http://uca.edu/academicbulletins/ld-uca-core/](http://uca.edu/academicbulletins/ld-uca-core/)) takes the user to the Undergraduate Bulletin's UCA Lower-Division Core check sheet, where UCA Core options and ACTS course numbers are listed in full; an acts link takes the user to the Undergraduate Bulletin's ACTS page ([http://uca.edu/academicbulletins/acts/](http://uca.edu/academicbulletins/acts/)) for additional information and a UCA-ACTS crosswalk.

## Year 1

### Fall – Semester 1 (credit hours: **15**)

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### Spring – Semester 2 (credit hours: **15**)

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<td>Ordinary Differential Equations (UD UCA Core: C)</td>
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## Year 3

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<td>Mechanics</td>
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## Year 4

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SUBJ | NUM | TITLE | SCH | ACTS
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 |  | General Elective Course | 1 | 

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<td>General Elective Course (UD UCA Core: D)</td>
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To be completed by the advisor when an Eight-Semester plan is accepted by the student:

If applicable, has student selected a minor? Type “x” as appropriate. _____ No _____ Yes
If “yes,” specify: __________________________________________________________________

**Notes**

1 Prior to completion of 30 semester hours, a student must complete a UCA Core course designated as a First-Year Seminar (FYS) in Critical Inquiry, Diversity, or Responsible Living.

2 See appropriate choices, alternatives, or substitutions under “UCA Core” in the Undergraduate Bulletin.

The student will also need to complete major, minor, or general elective courses designated as fulfilling the upper-division and capstone requirements of the UCA Core. See annotations in this Academic Map for courses that fulfill these upper-division requirements. Consult the Undergraduate Bulletin and your academic advisor for other available courses.

3 CHEM elective courses must be approved by the Chair of the Department of Physics and Astronomy.