

# PHYSICAL SCIENCES MAJOR

**Total credits required for major - 60 to 72 credits with a minimum 42 senior-level credits.**

Three disciplines – chemistry, Earth and planetary sciences, physics.

Notes:

1. Requirement to choose two of the three disciplines as primary disciplines.
2. If any of chemistry, Earth and planetary sciences or physics disciplines are chosen as a minor, all senior-level credits in that discipline will only count toward the minor.
3. MATH 114 is a prerequisite for most 200-level PHYS courses. Students are advised to take MATH 114 in the first year of their program.

A minimum of 12 credits at the 300- or 400-level in the primary disciplines.

A minimum of 3 credits at the 300- or 400-level required for each primary discipline.

| Course ID   | Course Name   | Credits |
|---|---|---------|
| <b>Specific Major Requirements</b>  |   |         |
| Choose 6 credits from each of the following disciplines:  |   | 18      |
| <i>Chemistry</i>  |   |         |
| CHEM 101  | Introductory University Chemistry I                             |         |
| CHEM 102  | Introductory University Chemistry II                            |         |
| <i>Earth and Planetary Science</i>  |   |         |
| EASC 101  | Introduction to Physical Science                                |         |
| EASC 102  | Introduction to Environmental Earth Science                     |         |
| <i>Physics</i>  |   |         |
| PHYS 124<br>& PHYS 126  | Physics for Life Sciences I<br>and Physics for Life Sciences II |         |
| PHYS 144<br>& PHYS 146  | Mechanics<br>and Electromagnetism                               |         |
| <b>General Major Requirements</b>   |   |         |
| Three Disciplines - Chemistry (CHEM), Earth and Planetary Sciences (EASC), and Physics (PHYS). PHSC can be used wherever CHEM, EASC, or PHYS is used. |   |         |
| <i>Primary Discipline I</i>   |   |         |
| Choose 18 to 24 credits from senior-level courses from the first primary discipline   |   | 18-24   |
| <i>Primary Discipline II</i>  |   |         |
| Choose 18 to 24 credits from senior-level courses from the second primary discipline  |   | 18-24   |
| <i>General Requirements</i>   |   |         |
| Choose 6-12 credits from senior-level courses from the third discipline   |   | 6-12    |
| <b>Total credits required for major - 60 to 72 credits</b>  |   |         |