## Physical Science Licensure

SUGGESTED – Four Year Plan

### Freshman: Fall Semester
- AOS 101 Accent on Success 1
- CHEM 103 Gen. Chem. (FA only) 4
- MATH 205 The Calculus I (FA only) 5
- ENG 101 Composition I 3
- EDFN 130 Intro to Teaching 2
- Institutional Requirement 3

### Freshman: Spring Semester
- CHEM 104 Gen. Chem. (SP only) 4
- MATH 206 The Calculus II (SP only) 5
- EDFN 202 Teaching & Learn. Proc. 3
- ENG 102 Composition II 3
- FCS/HS/PE 180 Lifetime Wellness 2

### Sophomore: Fall Semester
- PHYS 205 University Physics (FA only) 5
- CHEM 307 Organic Chem. I w/lab (FA only) 4
  or CHEM 411 (FA odd)
- EDCI 230SEC Wkshp. In Teaching 2
- EDCI 287 Curr./Instr./Asses. Gr. 7-12 3
- Institutional Requirement 3

### Sophomore: Spring Semester
- PHYS 206 University Physics (SP only) 5
- GEOL 102* (SP even) or Institutional Req. 3-4
- CHEM 412 Physical Chemistry II (SP even) 3-4
  or CHEM/PHIL 350
- Institutional Requirement 3

### Junior: Fall Semester
- CHEM 307 Organic Chem. I w/lab (FA only) 4
  or Chem 411 (FA odd)
- PHYS 303 Molec/Cellular Basis (FA only) 3-4
- BIO 201 (FA odd) or PHYS 305 (FA even) 4
- EDCI 392 Content Reading 3
- Institutional Requirement 3

### Junior: Spring Semester
- GEOL 102* (SP even) or Institutional Req. 3-4
- CHEM 412 Physical Chemistry II (SP even) 3-4
  or CHEM/PHIL 350
- EDIS 250 Intro. Educ. Intervention 3
- EDCI 232 Princ. of Instr. Technology 3
- EDCI 330SEC Wkshp. In Teaching 2
- EDCI 432 SC Secondary Methods 3

### Senior: Fall Semester
- CHEM 320 Quantitative Analysis 4
- PHYS 303 Psych. of Adolescence 3
  or PHYS 305 (FA even) 3-4
- PSYCH 218 Institutional Requirement 3
- Institutional Requirement 3

### Senior: Spring Semester
- EDFN 402 Soc. & Prof. Issues in Educ. 3
- EDCI 461 Student Internship 7-12 10
- Institutional Requirement 3

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**Notes:**
(a) Science labs may conflict with proposed sequencing; consult dept. for details.
(b) IPR requirement to be met by a cross-listed Core course.
(c) Students electing to take GEOL 101 may do so in the fall of the senior year and substitute an institutional requirement in place of GEOL 102.