

Teaching Science

This specialization consists of 18 Courses encompassing 49 credit hours distributed as follows.

I) Required Specialized Education Courses

This includes four (4) courses encompassing 15 credit hours chosen from the following list.

- EDUC 350S: Methods of Teaching Science I
- EDUC 410S: Methods of Teaching Science II
- EDUC 440S: Assessment and Evaluation in teaching Science
- EDUC 485S: Practicum in Teaching Science

II) Required Subject Courses

This includes eleven (11) courses encompassing 25 credit hours chosen from the following list

- 1) BIOL 120: Introductory Biology
- 2) BIOL 120L: Introductory Biology Lab
- 3) CHEM 130: Chemical Principles I
- 4) CHEM 130L: Introductory Chemistry Laboratory
- 5) BIOL 160: Contemporary Issues in Biology
- 6) CHEM 170: Chemical Principles II
- 7) MATH 200: Calculus II
- 8) PHYS 170: Fundamentals of Physics I
- 9) PHYS 170L: Introductory Physics Laboratory
- 10) PHYS 210: Fundamentals of Physics II
- 11) PHYS 210L: Physics Lab II

III) Elective Subject Courses

This includes three (3) courses encompassing 9 credit hours chosen from the following list

- CHEM 260: Analytical Chemistry
- CHEM 280: Environmental Chemistry
- MATH 205: Calculus III
- MATH 210: Differential Equations
- MATH 215: Elementary Statistics for Social Sciences
- MATH 240: Mathematics Computer Applications I