I. SPECIALIZATION IN CHEMISTRY

CHEM240 Principles of Chemistry I 4CR. **X**
CHEM241 Principles of Chemistry II 4CR. **X**
CHEM330 Organic Chemistry I 4CR. **X**
CHEM331 Organic Chemistry II 4CR. **X**
CHEM310 Quantitative Analysis 4CR. **X**
CHEM341 Biochemistry 4CR. **X**
CHEM280 Laboratory Safety I 1CR. **X**
CHEM530 Physical Chemistry I 4CR. **X**
CHEM531 Physical Chemistry II 4CR. **X**

II. REQUIRED SUPPORTING COURSES

GEOS101 Dynamic Earth 3CR. **X**
MATH107 Pre-Calculus 4CR. **X**
MATH211 Analytical Geom. & Calc. I 4CR. **X**
MATH212 Analytical Geom. & Calc. II 4CR. **X**
MATH260 Elements of Statistics 3CR. **X**
PHYS201 Physics I 4CR. **X**
PHYS202 Physics II 4CR. **X**

III. REQUIRED FOR CERTIFICATION

*SEDU682 Instructional Techniques for Secondary Science 3CR. **X**
*SEDU676 Field Experience for Middle and Secondary Education 3CR. **X**
*SEDU695 Student Teaching 12CR. **X**

Notes:
Courses listed above may only be offered on-campus during daytime hours.

All clearances (criminal history, child abuse, fbi fingerprint, tb test, act 126 child mandated reporting, and liability insurance) must be obtained and kept current throughout your program.

Attend informational meetings for field experience (October & March) and student teaching (February).

Must submit student teaching packet to the student teaching office by due date during the semester you are enrolled in Field Experience.

Total number of credits:

Jessica Albert, Graduate Admissions Counselor

Date

* Please note certification requirements are set by The Pennsylvania Department of Education and are subject to change at any time.