Transcript Review for Science: Chemistry Designation

Students must maintain a 2.5 GPA in their majors and no course in which a grade lower than a “C-” may be counted toward the major. The P/N option may not be elected for any course in the teaching major. There are math pre-requisites not listed here which must be met.

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Science Core Courses:
BIOL SCI 210-1: Genetics and Evolutionary Biology
CHEM 101: General Chemistry
PHYSICS 135-1*: Mechanics
PHYSICS 135-2*: Electricity and Magnetism
PHYSICS 135-3*: Modern Physics
EARTH 201: Surface Processes
ASTRON 101, 120 or 220

* The Physics 125 sequence can be substituted for the 135 sequence.

Additional Chemistry foundation courses:
CHEM 102: General Inorganic Chemistry
CHEM 103: General Physical Chemistry

Organic Chemistry and Physical Chemistry
One of the following Sequences and Chem 342-1:
CHEM 210-1,2,3 Organic Chemistry or
CHEM 212-1,2,3 Honors Organic Chemistry
CHEM 342-1 Thermodynamics

Choose four from among these courses
CHEM 342-2: Quantum Mechanics & Spectroscopy
CHEM 342-3: Kinetics and Statistical Thermodynamics
BIO 301: Biochemistry
CHEM 329: Analytical Chemistry
CHEM 333: Inorganic Chemistry
CHEM 335: Inorganic Synthesis Lab
CHEM 393: Green Chemistry

The following math courses are pre-requisite courses for the above core classes. Additional math may be required for a specific course choice:
MATH 220
MATH 224
MATH 230