The Advanced CHM Requirement

Choose one from the following list:

**FALL**

- CHE 480 – CHEMISTRY OF ADVANCED MATERIALS
- CHE 486 – POLYMER SCIENCE & ENGINEERING
- EES 204 – MINERALOGY
- EES 213 – PHYSICAL HYDROLOGY
- EES 218 – CHEMISTRY OF GLOBAL CHANGE
- CHM 211 – INORGANIC CHEMISTRY I
- CHM 231 – CHEMICAL INSTRUMENTATION

**SPRING**

- CHE 213/413 – ENGINEERING OF SOFT MATTER
- BIO 250 – BIOCHEMISTRY
- CHM 232 – MOLECULAR SPECTROSCOPY
- CHM 252 – PHYSICAL CHEMISTRY II
- CHM 262 – BIOLOGICAL CHEMISTRY
- EES 216 – ENVIRONMENTAL GEOCHEMISTRY

* Please Note: The purpose of the Advanced Chemistry requirement in the chemical engineering undergraduate program is to provide students with scientific knowledge that goes beyond the standard freshman-organic-physical chemistry series of chemistry courses that are a core part of the program. The content of courses satisfying the advanced chemistry requirement should be predominantly chemistry in nature (e.g. a polymer chemistry course) and will, for the most part, be taught in the chemical engineering, chemistry, biochemistry or earth and environmental
sciences departments. If you have questions about whether or not a course satisfies the advanced chemistry requirement please consult with your advisor.