

## Ch E 522: Immunoengineering Chemical Engineering

The course consists of a sequence of five topical modules: 1) fundamentals of immunology, 2) the immunologist's toolbox, 3) vaccines and immunotherapies, 4) drug delivery principles for vaccines and immunotherapies, and 5) materials for immunoengineering.

3 Credits

### Prerequisites

- [Bisc 160: Biological Sciences I](#) \$target.descriptions.MinimumGrade\$
- [Bisc 161: Biological Sciences I Laboratory](#) \$target.descriptions.MinimumGrade\$
- [Bisc 162: Biological Sciences II](#) \$target.descriptions.MinimumGrade\$
- [Bisc 163: Biological Sciences II Laboratory](#) \$target.descriptions.MinimumGrade\$
- [Chem 105: General Chemistry I](#) \$target.descriptions.MinimumGrade\$
- [Chem 106: General Chemistry II](#) \$target.descriptions.MinimumGrade\$
- [Chem 115: General Chemistry Laboratory I](#) \$target.descriptions.MinimumGrade\$
- [Chem 116: General Chemistry Laboratory II](#) \$target.descriptions.MinimumGrade\$

### Instruction Type(s)

- Lecture: Lecture for Ch E 522

### Subject Areas

- [Chemical Engineering](#)

### Related Areas

- [Chemical and Biomolecular Engineering](#)

