

Technical Electives

9 of the 12 credit* Technical Elective requirement may be fulfilled with *any* 3000+ *technical* course in:

Science
Math
Engineering



For example, students have used mathematics and engineering courses, they have also used courses from Physics, Geology, Food Science, Chemistry, Biochemistry, Microbiology, Biology, Horticultural Science, and Packaging Science, to name a few.

* 3 credits of the 12 credit Technical Elective requirement must be in Chemical Engineering coursework. See Chemical Engineering Technical Elective information for more details.

Determining Your Technical Electives

When selecting Technical Electives think of where you want to be in five years. Do you want to work in a chemical plant? Will you be in graduate school? If you are not sure, take a leap of faith...guess.

You can choose courses that give you a deep understanding of a specific subject or a broad understanding of many subjects. It's up to you.

The *easiest* Technical Elective is the one that is *interesting to you!*

Notes:

The Technical Elective course must be *technical*: readings in, topics, current issues courses will not be approved. For example:

EGN 4038 Engineering Leadership is not technical

EGN 4930 Sales Engineering Seminar is not technical

PKG 3010 Packaging in Society and the Environment is not technical

Also, Technical Elective courses must be *significantly different* from required Chemical Engineering courses. For example:

Mechanical Engineering offers a Thermodynamics course that would not be approved because it is similar to the required ECH 3101 Process Thermodynamics course.

Industrial & Systems Engineering offers the Engineering Economy course that would not be approved because it is similar to the required ECH 4604 Process Economics and Optimization course.