

Co-op Intensive Five-year Academic Plan

B.S. in Chemical Engineering



Michigan Tech
Chemical Engineering

This suggested schedule shows you how to fit two six-month co-ops into your schedule. A co-op usually delays your graduation by one year; however the experience that you gain while on co-op is extremely valuable. Prior **engineering work experience**, through a co-op or internship, is **the number one item industry recruiters look for** on your resume when hiring full-time employees.

Freshman Year

Fall Semester

Fall Freshman Classes

Most of these classes are offered in the fall, spring, and summer.

Spring Semester

Spring Freshman Classes

Most of these classes are offered in the fall, spring, and summer.

Summer Semester

Open

Sophomore Year

Fall Semester

Fall Sophomore Classes

Some of these classes are only offered in the fall and summer.

Spring Semester

Spring Sophomore Classes

Some of these classes are only offered in the spring and summer.

Summer Semester

Co-op or Internship

See back for the difference between a co-op and internship.

With only a few exceptions, you **must be done with all of your freshman and sophomore classes** (particularly MATH and CM) **before you can start the junior CM classes.**

Junior Year

Fall Semester

Co-op

On co-op for 6 months (summer-fall)

Spring Semester

Fall Junior Classes

These classes are offered in the fall and spring and are prereqs for the spring junior classes.

Summer Semester

Co-op or Internship

See back for the difference between a co-op and internship.

Senior Year

Fall Semester

Co-op

On co-op for 6 months (summer-fall)

Spring Semester

Spring Junior Classes

These classes are **only** offered in the spring and are prereqs for the fall senior classes.

Summer Semester

Open

Senior Year 2

Fall Semester

Fall Senior Classes

These classes are **only** offered in the fall and are prereqs for the spring senior classes.

Spring Semester

Spring Senior Classes

These classes are **only** offered in the spring.
Graduate with a significant amount of industrial experience!

Co-op Frequently Asked Questions

Q: Does the co-op class count towards my chemical engineering degree at all?

Yes. Up to 6 credits of co-op (UN 3002, UN 3003, UN 3004, UN 3005) can count towards your technical electives. Co-op credit may also be used as free electives.

Q: Will I be paid while on co-op?

Yes! Engineering co-ops and internships are usually paid positions. Some companies also provide assistance with housing, tuition, and relocation costs while on co-op.

Q: What are the requirements for going on co-op?

To participate in the program you must have sophomore class standing, a GPA of 2.20 or better, and be in good academic and social standing.

Q: What is the difference between a co-op and an internship?

A co-op is when you are earning college credit while working, and an internship is when you are not earning college credit while working. During the fall and spring semesters some students need to be full-time students for financial aid or insurance reasons. In this case, you must sign up for the 2 credit co-op class, which will give you full-time status at Michigan Tech. During the summer it is up to you whether or not to seek the co-op credit.

Q: What happens to my financial aid while I am co-op?

This varies from student to student, depending on what types of scholarships and financial aid that you have. You will need to talk to the staff in the Financial Aid Office to determine how the co-op will affect your particular situation.

Q: How do I register for my co-op class?

Congratulations on getting a co-op! Be sure to keep a copy of your offer letter/email because you will need this to register for your co-op class. There will be paperwork you and your employer will need to complete. Go to the Career Services' webpage for the forms and directions on how to sign up for the co-op class. You will also be required to meet with your advisor to ensure that you understand how your co-op will affect your graduation timeline. Once you have completed the paperwork the career center will register you for the co-op class.

Q: Will I receive a grade for my co-op class?

Yes. The co-op class is a graded, online course that you will complete while on co-op.

More questions about how a co-op works?
Check out the FAQs on the Career Services' webpage.
<http://www.mtu.edu/career/>