



Accelerated Master's Program in Chemical Engineering

The accelerated master's program is for students who are completing both their BS and MS degrees in chemical engineering at Michigan Tech. In the accelerated master's program, up to 6 credits of coursework can double count towards both the BS and MS degrees. In addition, students with room in their schedule can also complete up to 6 credits in their last year under "senior rule". Senior rule classes can only count towards the MS degree.

Senior Year – BS (Undergraduate Student)

Fall Semester

Fall Senior Classes	
This includes an upper-level tech elective to double count towards both BS and MS	
+ If room, can also take a course under senior rule to count towards MS only	

Spring Semester

Spring Senior Classes	
This includes an upper-level tech elective to double count towards both BS and MS	
+ If room, can also take a course under senior rule to count towards MS only	

Final Year – MS (Graduate Student)

Fall Semester

CM 5100	Applied Math for ChE	3
CM 5200	Adv. ChE Thermodynamics	3
CM 5310	Laboratory Safety	1
CM 5500	Theory and Methods of Research	2
	Master's Research or Elective	3
Total		12

Spring Semester

CM 5300	Adv. Transport Phenomenon	3
CM 5400	Adv. Reactive Systems Analysis	3
	Elective	3
	Master's Research or Elective	3
Total		12

You must earn a B or better in all classes being used towards the MS degree.

Accelerated Master's Program Frequently Asked Questions

Q: *What do I need to do to sign up for the program?*

You will need to be accepted into the Graduate program to join.

1. Read the rules for the accelerated master's program:
<http://www.mtu.edu/chemical/graduate/accelerated/>
2. Make an appointment with your undergraduate advisor to complete the back of this page.
3. Take the completed form to the chemical engineering department office.
4. Apply online to the graduate program. <http://www.mtu.edu/gradschool/admissions/apply/>

Q: *What are the rules for counting classes under senior rule?*

The rules are posted online here: <http://www.mtu.edu/registrar/students/registration/policies/senior-rule/>

Note that there is a strict deadline for submitting the paperwork when taking classes under Senior Rule.

Q: *What is the difference between the master's coursework option and the master's thesis option?*

The thesis option is a research degree that requires both coursework and research. Students interested in a career in research and development or working towards their PhD should choose the thesis option.

The coursework option is completed entirely with classes. This option is for students who do not intend to continue on to a PhD program.

