

Registration for CE M.S. Track 1 (Thesis) and Track 2 (Project) Admitted for Fall 2025				
1 st Year			2 nd Year	
Fall	Spring	Summer	Fall	Spring
One of the following core courses (3 credits each): <ul style="list-style-type: none"> CE 509 – Transport Phenomena CE 525 – Advanced Chemical Thermodynamics CE 561 – Applied Chemical Kinetics 	3 or 6 credits of CE 502- Individual Problems	4 credits of CE 506- Master's Research	1 credit of CE 506-Master's Research	1 credit of CE 560- Thesis OR 1 credit of CE 504- Engineering Projects
Any three CE elective* courses CE 500, CE 509, CE 517, CE 518, CE 525, CE 531, CE 540, CE 542, CE 550, CE 552, CE 561, CE 564, CE 620	2-3 CE elective* courses Elective 1 (3 credits) Elective 2 (3 credits) Elective 3 (3 credits, optional)	Complete <i>Certification of Full-Time Status for Master's Students Form</i> , due August 1.		
CE 611-CE Seminar (0 credits)	CE 612-CE Seminar (0 credits)		CE 611-CE Seminar (0 credits)	CE 612-CE Seminar (0 credits)
Total 12 credits	Total 12 credits	Total 4 credits	Total at least 1 credit	Total at least 1 credit

* Elective courses and all courses being offered each semester can be found here: <http://registrar.buffalo.edu/schedules/index.php>

A minimum of 30 credit hours total is required, including: 1. A minimum of 18 credits of formal Chemical Engineering lecture courses (one of which must be CE 509, CE 525, or CE 561), 2. A maximum of 6 credits of informal courses, known as Individual Problems, CE 501/502, 3. A maximum of 5 credits of Master's Research, CE 506, and 4. A minimum of 1 credit of Thesis, CE 559/560.

A maximum of two graduate courses may be taken outside of the department in a field related to Chemical Engineering. These electives must not interfere with CE requirements, be at the graduate level, at least 3 credits, and be approved by the Graduate Academic Coordinator.

Make sure you are aware of all Graduate School deadlines: <http://grad.buffalo.edu/study/graduate/requirements.html>

Disclaimer: The above information includes informal guidelines that are not associated with the CBE Department's official procedures. They are meant to be a basic advising framework for students only and once students are assigned a faculty advisor, they must obtain approval from their advisor before registering for classes.

06/2025