### Registration for CE M.S. Track 1 (Thesis) and Track 2 (Project) Admitted for Fall 2024

<table>
<thead>
<tr>
<th>1st Year</th>
<th>2nd Year</th>
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<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
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| One of the following core courses (3 credits each):  
  • 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  
Elective 1 (3 credits)  
Elective 2 (3 credits)  
Elective 3 (3 credits) | 2-3 CE elective* courses  
Elective 1 (3 credits)  
Elective 2 (3 credits)  
Elective 3 (3 credits, optional) | Complete Certification of Full-Time Status for Master’s Students Form, 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](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](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. 06/2024