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| **Suggested Framework for CE M.S. Thesis Track 1 Admitted for Fall 2023, by CBE Graduate Academic Coordinator, Ema Scollo** | | | | |
| **1st Year** | |  | **2nd Year** | |
| **Fall** | **Spring** | **Summer** | **Fall** | **Spring** |
| **At least 1** of the following core courses (3 credits each):  **CE 509, CE 525, CE 561**. | **2 or 3 CE Formal Courses**  (3 credits each):  CE 500, CE 505, CE 512, CE 527, CE 529, CE 534, CE 547, CE 551, CE 621. | 4 credits of **\*CE 506**-Master’s Research | 1 credit of **\*CE 506**-Master’s Research | 1 credit of  \***CE 560**-Thesis |
| **3 CE Formal Courses**  (3 credits each):  CE 505, CE 508, CE 509, CE 517, CE 518, CE 525, CE 531, CE 535, CE 540, CE 541, CE 550, CE 552, CE 561, CE 564, CE 620. | **3 or 6 credits** of \***CE 502**-Individual Problems | ***1.* Complete Certification of Full-Time Status For Master’s Students Form, due August 31.**  **2. Apply online for graduation in the HUB.** Instructions on 1 and 2 will be sent by email. | Any additional CE coursework that is needed | Any additional CE coursework that is needed |
| **CE 611**-CE Seminar (0 cr.) | **CE 612**-CE Seminar (0 cr.) |  | **CE 611**-CE Seminar (0 cr.) | **CE 612**-CE Seminar (0 cr.) |
| **Total 12 credits** | **Total 12 credits** | **Total 4 credits** | **Total at least 1 credit** | **Total at least 1 credit** |

Descriptions of courses offered each semester can be found here:[**http://registrar.buffalo.edu/schedules/index.php**](http://registrar.buffalo.edu/schedules/index.php)

**\*** = **Requires force registration by the department**, to request registration go to:

[**https://academics.eng.buffalo.edu/force-registration/request**](https://academics.eng.buffalo.edu/force-registration/request)

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 your CBE Faculty Advisor.

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. 06/2023