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| **Suggested Framework for CE Ph.D. Students Admitted for Fall 2023, by CBE Graduate Academic Coordinator, Ema Scollo**  |
| **1st Year** | **2nd Year** | **3rd Year** | **4th Year** |
| **Fall** | **Spring** | **Fall** | **Spring** | **Fall** | **Spring** | **Fall** | **Spring** |
| **Choose 4 out of the below 6 core courses** (3 credits each):**CE 509, CE 517, CE 525, CE 531, CE 540, CE 561**.With a **minimum of 2 courses** selected from the sub-set of:**CE 509, CE 525, CE 561**. | **\*CE 599**-Supervised Teaching (3 credits)**\*CE 630**-CE Research Methods 1 (3 credits) | **\*CE 631**-CE Research Methods 2 (3 credits)**\*CE 599**-Supervised Teaching (3 credits) or**1 CE Formal Elective**-(3 credits) Consult with your CBE Faculty Advisor for which course to register into. | Any additional formal CE coursework that is needed | **CE 659**- Dissertationcredits consult with your CBE Faculty Advisor. | **\*CE 660**- Dissertation(1 credit) | **CE 659**- Dissertation(1 credit) | **\*CE 660**- Dissertation(1 credit) |
| **CE 611**-CE Seminar (0 cr.) | **CE 612**-CE Seminar (0 cr.) | **CE 611**-CE Seminar (0 cr.) | **CE 612**-CE Seminar (0 cr.) | **CE 611**-CE Seminar (0 cr.) | **CE 612**-CE Seminar (0 cr.) | **CE 611**-CE Seminar (0 cr.) | **CE 612**-CE Seminar (0 cr.) |
|  | For **\*CE 602**-Individual Problems and \***CE 660**-Dissertation credits consult with your CBE Faculty Advisor. | For **\*C**E **601**-Individual Problems and **\*CE 659** – Dissertation consult with your CBE Faculty Advisor.  | For **\*CE 602**-Individual Problems and**\*CE 660**– Dissertation consult with your CBE Faculty Advisor. |  |  |  |  |
|  |  | Complete**Application to Candidacy** and **Certification of Full-Time Status** forms, after passing **CE 631.**  |  |  |  |  |  |
| **Total 12 credits** | **Total at least 9 credits** | **Total at least 9 credits** | **Total Varies**  | **Total Varies** | **Total 1 credit** | **Total 1 credit** | **Total 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 **72 credit hours total** are required, including: 1. A *minimum* of 24 credits of formal CE courses, 2. A *maximum* of 18 credits of informal courses, known as Individual Problems, CE 601/602, and 3. A *maximum* of 30 credits of Dissertation, CE 659/660.

You can obtain your **Application to Candidacy** and **Certification of Full-Time Status** forms from the University at Buffalo’s Graduate School website:

[**http://grad.buffalo.edu/succeed/current-students/forms.html**](http://grad.buffalo.edu/succeed/current-students/forms.html)

Make sure you are aware of all Graduate School **deadlines**: [**http://grad.buffalo.edu/succeed/graduate/requirements.html**](http://grad.buffalo.edu/succeed/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