Suggested Framework for CE Ph.D. Students Admitted for Fall 2022, by CBE Graduate Academic Coordinator, Ema Scollo							
1st Year		**2nd Year**		**3rd Year**		**4th Year**	
Fall	**Spring**	**Fall**	**Spring**	**Fall**	**Spring**	**Fall**	**Spring**
<u>**Choose 4** out of the **below 6 core courses**</u> (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) <u>or</u> **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-Dissertation credits consult with your CBE Faculty Advisor.	***CE 660**-Dissertation (1 credit)	CE 659-Dissertation (1 credit)	***CE 660**-Dissertation (1 credit)
<u>**CE 611**</u>-CE Seminar (0 cr.)	<u>**CE 612**</u>-CE Seminar (0 cr.)	<u>**CE 611**</u>-CE Seminar (0 cr.)	<u>**CE 612**</u>-CE Seminar (0 cr.)	<u>**CE 611**</u>-CE Seminar (0 cr.)	<u>**CE 612**</u>-CE Seminar (0 cr.)	<u>**CE 611**</u>-CE Seminar (0 cr.)	<u>**CE 612**</u>-CE Seminar (0 cr.)
	1 CE Formal Elective (3 credits each): CE 500, CE 505, CE 512, CE 527, CE 529, CE 534, CE 547, CE 551, CE 621.	If a CE Formal Elective was completed in Spring you may take ***CE 601**- Individual Problems (3 credits) <u>or</u> **1 CE Formal Elective** (3 credits)	***CE 602**-Individual Problems <u>Note</u>: only a <u>maximum</u> of <u>18 credits</u> of Individual Problems can be taken total.	<Complete> ***Application to Candidacy*** and ***Certification of Full-Time Status*** forms, due **August 31.**			
	For ***CE 602**-Individual Problems and ***CE 660**-Dissertation credits consult with your CBE Faculty Advisor.	For **CE 659**-Dissertation credits consult with your CBE Faculty Advisor.	For ***CE 602**-Individual Problems and ***CE 660**-Dissertation credits consult with your CBE Faculty Advisor.				
Total 12 credits	**Total at least 9 credits**	**Total at least 9 credits**	**Total at least 9 credits**	**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

* = <u>Requires force registration by the department</u>, to request registration go to: **https://academics.eng.buffalo.edu/force-registration/request**

A minimum of **72 credit hours total** are required, <u>including</u>: 1. A *minimum* of <u>24 credits of formal CE courses</u>, 2. A *maximum* of <u>18 credits of informal courses</u>, known as <u>Individual Problems</u>, CE 601/602, and 3. A *maximum* of <u>30 credits of Dissertation</u>,-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**

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

<u>**ATTENTION**</u>: *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.   01/2022