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| **Your Name:**  | **UW Email:**  |

**Instructions:** Please complete the course map below, **save it using your first and last name in the title of the document**, then upload with your application to the Graduate Certificate in Clean Energy Science, Eng. & Society. Please review the certificate guidelines on the CEI website to learn which courses apply. Non-science Doctoral and Masters students who have the background and motivation to take the required courses in the sequence should apply. Students in doubt about the course prerequisites may wish to consult with an advisor or the instructors of some of the key required courses (e.g. EMDS). Please email CEIapps@uw.edu to propose a course not currently listed on the website.

[www.cei.washington.edu/education/uw-graduate-students/graduate-certificate-in-clean-energy/](https://www.cei.washington.edu/education/uw-graduate-students/graduate-certificate-in-clean-energy/)

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| **Introduction to Clean Energy Science & Engineering - 3 credits required as listed** |
| **Year** | **Quarter** | **Course Number: Course Name** | **Graded or Credit** | **# Credits** |
|  | Autumn | MOLENG 535: Seminar in Clean Energy | Credit | 1 |
|  | Winter | MOLENG 535: Seminar in Clean Energy | Credit | 1 |
|  | Spring | MOLENG 535: Seminar in Clean Energy | Credit | 1 |
| **Advanced Topics in Clean Energy Science & Engineering - 6 credits required**  |
| **Year** | **Quarter** | **Course Number: Course Name** | **Graded or Credit** | **# Credits** |
|  |  | CHEM 566, CHEM E 540, MSE 566, CHEM 466, CHEM E 440, MSE 466: Energy Materials, Devices, and Systems (EMDS)\* | Graded | 3 |
|  |  |  |  |  |
|  |  |  |  |  |
| **The Broader Impacts of Clean Energy Research - 6 credits required (see course list for approved electives)** |
| **Year** | **Quarter** | **Course Number: Course Name** | **Graded or Credit** | **# Credits** |
|  |  | Broader Impacts of Clean Energy Research Capstone | Credit | 1 |
|  |  | Broader Impacts of Clean Energy Research Capstone | Credit | 1 |
|  |  |  |  |  |
|  |  |  |  |  |

Are at least **15 credits** listed above?

Are at least **9 credits** coming from courses numbered 500 and above?

Are at least **9 credits** coming from courses that are graded?

\* Not required, but strongly encouraged.