**Fall 2025 Registration Detail for Course Offerings – SUBJECT TO CHANGE – 5/22/25**

Register for classes in StudentAdmin.

[**Biomedical Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/BME)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 8959 | BME | 5000 | 010X | Physiological Systems I | Online Synchronous | 10 | Marie Luby | 6:30 - 9:30PM/ Tu |
| 8090 | BME | 5020 | 001 | Clinical Engineering Fundamentals | Online Asynchronous | 18 | David Pillittere | N/A |
| 9036 | BME | 5030 | 001 | Medical Device Accidents | Online Asynchronous | 15 | TBA | N/A |
| 9040 | BME | 5070 | 001 | Clinical Systems Engineering | Online Asynchronous | 20 | David Kaputa  | N/A |

[**Chemical Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/CHEG/)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 10554 | CHEG | 5001 | 001 | Advanced Chemical Engineering Fundamentals | Online Asynchronous | 25 | Jennifer Pascal | N/A |
| 10520 | CHEG | 5301 | 001 | Chemical Engineering Thermodynamics I | In Person | 25 | Luyi Sun | 5pm-6:15pm Tu/Th  |
| 10522 | CHEG | 5315 | 002 | Transfer Operations I | Online Asynchronous | 25 | Jennifer Pascal  | N/A |
| 10557 | CHEG | 5330 | 001 | Applied Machine Learning in Chemical Engineering  | Online Synchronous | 30 | Burcu Beykal  | 5-6:15 pm Tu/Th  |
| 10555 | CHEG | 5333 | 001 | Computer Simulation in Chemical Engineering | Online Asynchronous | 30 | Genesis Quiles-Galarza | N/A  |

[**Civil Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/CE/)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 6846 | CE | 5384 | 001 | Accelerated Bridge Construction | Online Asynchronous | 15 | Alexander Hain | N/A |

[**Computer Science & Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/CSE/)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 4506 | CSE | 5050 | 001 | Algorithms and Complexity | Online Asynchronous | 60 | Mukul Bansal | N/A |
| 4476 | CSE | 5312 | 001 | Architecture of Internet of Things  | Online Synchronous | 20 | Song Han  | 6-8pm/Th |
| 4495 | CSE | 5520 | 001x | Data Visualization and Communication | Online Asynchronous | 40 | Seung-Hyun Hong | N/A |
| 4517 | CSE | 5709 | 002 | Machine Learning for Data Science | Online Asynchronous | 30 | Joseph Johnson | N/A  |

[**Electrical & Computer Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/ECE)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 8128 | ECE | 5101 | 010x | Introduction to System Theory | Online Synchronous | 5 | Shan Zuo | Monday 6pm-9pm |
| 8219 | ECE | 5151 | 001 | Underwater Acoustics and Sensing Systems  | Online Asynchronous  | 15 | Shengli Zhou | N/A |
| 8202 | ECE | 5512 | 010x | Power Distribution | Online Synchronous | 25 | Junbo Zhao | Wednesday 6pm-9pm |
| 8199 | ECE | 5530 | 001 | Modeling and Control of Electric Drives  | Online Synchronous  | 20  | Ali Bazzi  | Monday 5pm-8pm  |
| 8212 | ECE | 5554 | 001 | Distribution Management Systems  | Online Asynchronous  | 25 | Thi Ha Nguyen | N/A |
| 8132 | ECE | 6111 | 001 | Applied Probability and Stochastic Processes | In Person | 20 | Yaakov Bar-Shalom | Thursday 6-9pm/ITE 125  |

**Engineering**

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| 11112 | ENGR | 5311 | 001 | Prof Communication & Info Mgmt | Online (*FYI – 3 synchronous sessions w/on campus OR virtual attendance required*) | 20 | Warren Osterndorf (PI) | N/A |
| 11113 | ENGR | 5312 | 001 | Engr. Proj. Planning & Mgmt. | Online Asynchronous | 20 | Abhay Trivedi | N/A |
| 11114 | ENGR | 5314 | 001 | Adv Engineering Mathematics | Online Asynchronous | 25 | David Tonn (PI) | N/A |
| N/A | ENGR | 5315 | 001 | MENG Capstone | Email: engrcaee@uconn.edu | As needed | Staff | N/A |

[**Environmental Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/ENVE/)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 6698 | ENVE | 5210 | 001 | Environmental Engineering Chemistry I  | Online Asynchronous | 15 | Alexander Agrios | N/A  |
| 6715 | ENVE  | 5320  | 001 | Quantitative Methods for Engineers  | In Person | 20 | Diego Cerrai  | 4:15-5:30pm/Mo/We/CAST 204 |

**Digital Design & Manufacturing**

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 13799 | MFGE | 5110 | 001 | Advanced Manufacturing Quality Control | Online Asynchronous | 20 | Jason Lee | N/A |
| 13806 | MFGE | 5220 | 001 | Composites Manufacturing | Online Asynchronous | 45 | Ji Ho Jeon | N/A |

[**Institute of Materials Science**](https://gradcatalog.uconn.edu/course-descriptions/course/IMS/)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 10851 | IMS | 5302 | 001 | Structural Analysis | Online Asynchronous | 35 | Steven Suib, Seth March | N/A |
| 10853 | IMS | 5303 | 001 | Compositional Analyses  | Online Asynchronous  | 35 | Steven Suib, Capri Price | N/A  |

[**Manufacturing Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/MFGE/)

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| 13799 | MFGE | 5110 | 001 | Advanced Manufacturing Quality Control | Online Asynchronous | 20 | Jason Lee | N/A |
| 13806 | MFGE | 5220 | 001 | Composites Manufacturing  | Online Asynchronous | 45 | Ji Ho Jeon | N/A |

**[Materials Science & Engineering](https://gradcatalog.uconn.edu/course-descriptions/course/MSE/)**

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 10896 | MSE | 5001 | 001 | Principles of Materials Engineering | In Person | 25 | TBA | 5-7:30 pm/Tu/E2 322 |
| 10897 | MSE | 5095 | 001 | Special Topics in MSE: Sustainable Materials Selection | In Person | 25 | Xueju Wang | 3:30-4:45pm/Tu/Th/E2 322 |
| 10898 | MSE | 5095 | 002 | Special Topics in MSE: Non-Destructive Characterization | In Person | 25 | TBA | 6-8:30pm/Th/PWE 175 |
| 10899 | MSE | 5095 | 003 | Special Topics in MSE: Non-Destructive Characterization | In Person | 20 | Puxian Gao | 5-7:30 pm/Tu/E2 323 |
| 10891 | MSE | 5322 | 001x | Materials Characterization  | Online Synchronous | 25 | Yuanyuan Zhu | 2-3:15pm/Tu/Th |

[**Mechanical Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/ME/)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 7866 | ME | 5110 | 010x | Advanced Thermodynamics | Online Synchronous | 15 | Jackie (Chih-Jen) Sung | Tuesdays 5-7:30pm |
| 7868 | ME | 5130 | 010x | Advanced Heat and Mass Transfer | Online Synchronous | 15 | Wilson Chiu | Thursdays 5-7:30pm |
| 7859 | ME | 5150 | 001x | Analytical and Applied Kinematics  | Online Synchronous | 20 | Kazem Kazerounian | Wednesday 5-7pm |
| 7871 | ME | 5190 | 010x | Advanced Solid Mechanics | Online Synchronous | 15 | Anna Tarakanova | Mondays 5-7:30pm |
| 7891 | ME | 5515 | 001 | Introduction to Hands-On Finite Element Analysis | Online Asynchronous | 20 | Rajiv Naik | N/A |

[**Systems Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/SE/)

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| 13681 | SE | 5001 | 001 | Model-Based Systems Engineering | Online Synchronous | 20 | TBA | Wednesday 6-7:30pm  |
| 13680 | SE | 5095 | 002 | Model Based Design for Cyber-Physical Systems | Online Synchronous  | 20 | TBA  | Wednesday 6-7:30pm  |
| 13682 | SE | 5201 | 001  | Embedded/Networked Systems Modeling Abstractions  | Online Synchronous  | 15  | Fei Miao | Tuesday 6-7:30pm  |
| 13683 | SE | 5402 | 001 | Architecture of Internet of Things  | Online Synchronous  | 15 | Song Han  | Thursday 6-8:00pm  |