**Fall 2024 Registration Detail for Course Offerings – Subject to change - 6/4/2024**

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** |
| 7816 | BME | 5000 | 010X | Physiological Systems I | Online Synchronous | 10 | Marie Luby | Tuesday 6:30PM - 9:30PM |
| 7845 | BME | 5020 | 001 | Clinical Engineering Fundamentals | Online Asynchronous | 18 | David Pillittere | N/A |
| 7891 | BME | 5030 | 001 | Medical Device Accidents | Online Asynchronous | 15 | Frank Painter | N/A |
| 7896 | BME | 5070 | 001 | Clinical Systems Engineering | Online Asynchronous | 20 | Staff | 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** |
| 10155 | CHEG | 5001 | 001 | Advanced Chemical Engineering Fundamentals | Online Asynchronous | 25 | Jennifer Pascal | N/A |
| 10125 | CHEG | 5315 | 001 | Transfer Operations I | In Person | 25 | Anson Ma | Wednesday/Friday 5pm-6:15pm Rowe 320 |
| 10159 | CHEG | 5330 | 001 | Applied Machine Learning in Chemical Engineering | Online Synchronous | 25 | Burcu Beykal | Monday/Wednesday 5:00PM - 6:15PM |
| 10156 | CHEG | 5333 | 001 | Computer Simulation in Chemical Engineering | Online Synchronous | 30 | George Bollas | Thursday 5:00-7:00PM |

[**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** |
| 11248 | CE | 5380 | 001 | Bridge Structures | Online Asynchronous | 15 | Arash Esmaili Zaghi | N/A |
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[**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** |
| 4918 | CSE | 5050 | 001 | Algorithms and Complexity | Online Asynchronous | 60 | Mukul Bansal | N/A |
| 4872 | CSE | 5309 | 001 | Networked Embedded Systems | Online Synchronous | 30 | Fei Miao | Tuesdays 6-7:30pm |
| 4908 | CSE | 5520 | 001x | Data Visualization and Communication | Online Asynchronous | 40 | Seung-Hyun Hong | N/A |
| 13984 | 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** |
| 6984 | ECE | 5101 | 010x | Introduction to System Theory | Online Synchronous | 5 | James Wilson | Monday 6pm-9pm |
| 12294 | ECE | 5512 | 010x | Power Distribution | Online Synchronous | 25 | Junbo Zhao | Wednesday 6pm-9pm |
| 7063 | ECE | 5520 | 001 | Advanced Power Electronics | Online Synchronous | 35 | Ali Bazzi | Monday 5pm-8pm |
| 6997 | ECE | 6111 | 001 | Applied Probability and Stochastic Processes | In Person | 20 | Yaakov Bar-Shalom | Thursday 6-9pm/ITE 125 |
| 7019 | ECE | 6151 | 001 | Communication Theory | In Person | 20 | Shengli Zhou | Monday 6-9pm/ITE 125 |

**Engineering**

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 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 | Marko Dodig | 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](mailto: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** |
| 11586 | ENVE | 5210 | 001 | Environmental Engineering Chemistry I | Online Asynchronous | 15 | Alexander Agrios | N/A |
| 5626 | ENVE | 5331 | 001 | Predictive Analytics for Scientists and Engineers | Online Asynchronous | 20 | Malaquias Pena Mendez | N/A |
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[**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** |
| 11105 | IMS | 5302 | 001 | Structural Analysis | Online Asynchronous | 35 | Steven Suib | N/A |
| 11107 | IMS | 5303 | 001 | Compositional Analyses | Online Asynchronous | 35 | Steven Suib | N/A |
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[**Manufacturing Engineering**](https://gradcatalog.uconn.edu/course-descriptions/course/MFGE/)

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 9711 | MFGE | 5130 | 001 | Manufacturing Automation 4.0 | Online Asynchronous | 30 | Jason Lee | N/A |
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[**Marine**](https://gradcatalog.uconn.edu/course-descriptions/course/MSE/) **Sciences (*for Oceanographic Science & Tech Certificate Students*)**

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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
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**[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** |
| 9841 | MSE | 5001 | 001 | Principles of Materials Engineering | In Person | 25 | Ryan Deacon | 5-7:30 pm/Tu/E2 322 |
| 9843 | MSE | 5095 | 002 | Special Topics in MSE: Sustainable Materials Selection | In Person | 30 | Alyssa Denno | 6-8:30 pm/Th/E2 322 |
| 9844 | MSE | 5095 | 006 | Special Topics in MSE: Non-Destructive Characterization | In Person | 20 | Greg Ojard | 5-7:30 pm/M/E2 321 |
| 9845 | MSE | 5095 | 006X | Special Topics in MSE: Non-Destructive Characterization | Online Synchronous | 20 | Greg Ojard | 5-7:30 pm/M/E2 321 |

[**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** |
|  | ME | 5110 | 010x | Advanced Thermodynamics | Online Synchronous | 15 | Jackie (Chih-Jen) Sung | Wednesdays 5-7:30pm |
|  | ME | 5130 | 010x | Advanced Heat and Mass Transfer | Online Synchronous | 15 | Wilson Chiu | Tuesdays 5-7:30pm |
|  | ME | 5190 | 010x | Advanced Solid Mechanics | Online Synchronous | 15 | Anna Tarakanova | Mondays 5-7:30pm |
|  | ME | 5420 | 010x | Mechanical Vibrations I | Online Synchronous | 15 | Jiong Tang | Wednesdays 5-7:30pm |
|  | 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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| **Class Nbr** | **Subject Area** | **Catalog Nbr** | **Class Section** | **Description** | **Instruction Mode** | **Enrollment**  **Capacity** | **Instructor (Role)** | **Hours/Days/Location** |
| 12019 | SE | 5000 | 001 | Introduction to Systems Engineering | Online Synchronous | 20 | TBA | Mondays 6-7:30pm |
| 12021 | SE | 5001 | 001 | Model-Based Systems Engineering | Online Synchronous | 20 | TBA | Wednesdays 6-7:30pm |
| 12020 | SE | 5095 | 001 | Systems Engineering Management | Online Synchronous | 20 | TBA | Tuesdays 6-7:30pm |
| 14102 | SE | 5095 | 002 | Model Based Design for Cyber-Physical Systems | Online Blended | 20 | Timothy Crowley | TBA |