**Spring 2026 Registration Detail for Course Offerings – DRAFT 10/15/25 SUBJECT TO CHANGE**

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** |
| 8966 | BME  | 5040  | 001  | Medical Instrumentation in the Hospital  | Online Asynchronous  | 15  | TBD  | N/A  |
| 8920 | BME  | 5050  | 001  | Engineering Problems in the Hospital  | Online Asynchronous  | 15  | David Pillittere  | N/A  |
| 8989 | BME  | 5080  | 001  | Medical Device Cybersecurity  | Online Asynchronous  | 15  | David Kaputa  | N/A  |
| 8988 | BME | 5320 | 010X | Biosensors and Nanodevices for Biomedical Applications | Online Synchronous | 15 | Kaz Hoshino | Tuesdays 12:30-3:30pm |
| 8896 | BME  | 5500  | 010X  | Clinical Instrumentation Systems  | Online Synchronous  | 10  | Marie Luby  | Tuesdays 6:30-9:30pm  |
| 8981 | BME  | 6810  | 010X  | Machine Learning Methods for Biomedical Signal Analysis  | Online Asynchronous  | 20  | Sabato Santaniello  | 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** |
| 10524 | CHEG | 5339 | 001 | Uncertainty Analysis, Robust Design, and Optimization | Online Synchronous | 20 | Matthew Stuber | Thursday 5:00pm-7:00pm |
| 10487 | CHEG | 5321 | 001 | Reaction Kinetics I | Online Asynchronous | 15 | Genesis Quiles-Galarza | n/a |

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

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| 6358 | CE | 5164 | 001 | Finite Elements in Applied Mechanics 1 | Online asynchronous | 20 | Jeongho Kim | N/A |
| 6492 | CE | 5383 | 001 | Design of Bridges for Extreme Events | Online asynchronous | 20 | Arash Zaghi | N/A |
| 6339 | CE | 5610 | 001 | Advanced Reinforced Concrete Structures | In-person | 20 | Kay Wille | MoWe 2:00PM - 3:15PME2 323 |

[**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** |
| 5960 | CSE | 5602 | 001 |  Machine Learning for Physical Sciences and Systems | Online Synchronous | 40 | Qian Yang  | Tuesdays 6-7:30pm |
| 5963 | CSE | 5710 | 002 | Data Mining for Data Science | Online Asynchronous | 40 | Joseph Johnson | N/A |
| 5899 | CSE | 5717 | 002 | Big Data Analytics | Online Synchronous | 30 | Wei Wei | MoWe 5-6:15pm |

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

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| 7908 | ECE | 5510 | 001 | Power System Analysis  | In Person | 20 | Staff | W 6-9 pm |
|  | ECE | 5510 | 010x | Power System Analysis  | Online Synchronous | 20 | Staff | W 6-9 pm  |
| 7919 | ECE | 5552 | 001 | Communication systems in Smart Grids | Online Asynchronous | 25 | Staff | N/A |
| 7852 | ECE | 6122 | 001 | Digital signal Processing | In Person | 60 | James Wilson | M 6-9 pm |
| 7869 | ECE | 6439 | 001 | Estimation theory and Comp algorithms | In Person | 20 | Yaakov Bar-Shalom | Th 6-9 pm |

**Engineering**

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|  | ENGR | 5311 | 001 | Prof Communication & Info Mgmt | Online (*FYI – 3 synchronous evening sessions w/on campus OR virtual attendance required*) | 20 | Warren Osterndorf  | N/A |
|  | ENGR | 5312 | 001 | Engr. Proj. Planning & Mgmt. | Online Asynchronous | 20 | Marko Dodig | N/A |
|  | ENGR | 5314 | 001 | Adv Engineering Mathematics | Online Asynchronous | 25 | David Tonn  | N/A |
| Varies | ENGR | 5315 | Varies | MENG Capstone | SEE CAPSTONE GUIDELINESEmail: engrcaee@uconn.edu  | As needed | SEE CAPSTONE GUIDELINES | SEE CAPSTONE GUIDELINES |

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

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

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| 4822 | IMS | 5301 | 001 | Microstructural Morph Analyses | Online Asynchronous | 25 | Seth March / Steven Suib | n/a |
| 3050 | IMS | 5304 | 001 | Surface Interfacial Analysis  | Online Asynchronous | 25 | Abiodun Aderibigbe, Steven Suib | n/a |

[**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** |
|  | MFGE | 5120 | 001 | Data Science for Materials and Manufacturing | Online Synchronous | 10 | Hongyi Xu | Tuesdays 6-7:30pm  |
|  | MFGE | 5130 | 001 | Manufacturing Automation 4.0 | Online Asynchronous | 30 | Jason Lee  | N/A  |

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

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| 11369 | MSE | 5336 | 001 | Material Selection in Mechanical Design | In Person | 30 | Greg Ojard | M 5:00-7:30pm (PWE 150) |
| 11370 | MSE | 5336 | 010X | Material Selection in Mechanical Design | Online Synchronous | 10 | Greg Ojard | M 5:00-7:30pm |
|  | MSE | 5095 | 003 | Ferrous Alloys | Online Asynchronous | By Permission Only  | Lesley Frame | N/A  |

[**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 | 5105 | 010x | Basic Concepts of Continuum Mechanics  | Online Synchronous | 20 | TBD | Thursdays 5-7:30pm  |
|  | ME | 5180 | 001 | Dynamics | Online Asynchronous | 15  | Ryan Cooper | N/A  |
|  | ME | 5311 | 010x | Computational Fluid Dynamics | Online Synchronous | 15 | Xinyu Zhao | Wednesdays 5-7:30pm  |
|  | ME | 5430 | 001 | Mechanics of Composites Materials | Online Asynchronous | 15 | Rajiv Naik | N/A  |
|  | ME  | 5895 | 006 | Fuel Cells | Online Asynchronous  | 20 | Ugur Pasaogullari | N/A  |
|  | ME | 5895 | 008 | Battery Manufacturing | Online Asynchronous | 10 | Mihai Duduta  | N/A  |
|  | ME | 6170 | 010x | Combustion and Air Pollution Engineering  | Online Synchronous | 10 | Tianfeng Lu | Tuesdays 5-7:30pm  |

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

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|   | SE | 5000 | 001 | Introduction to Systems Engineering | Online Synchronous | 30 | Dan Hestand | Mondays 6-7:30 pm |
| 10525 | SE | 5102 | 001 | Uncertainty Analysis,Robust Design, and Optimization | Online Synchronous | 30 | Matthew Stuber | Thursdays 5-7pm |
| 5961 | SE | 5602 | 001 | Machine Learning forPhysical Sciences and Systems | Online Synchronous | 10 | Qian Yang | Tuesdays 6-7:30pm |
|   | SE | 5702 | 001 | Data Science for Materials and Manufacturing | Online Synchronous | 15 | Hongyi Xu | Tuesdays 6-7:30pm |
|  | SE | 5095 | 001 | Special Topic: Systems Engineering Across the Lifecycle | Online Synchronous | 20 | Daniel Durkin | Tuesdays 6-7:30pm |