

Biological Engineering Department
Fall 2022 Subject Schedule

| Subject | Title | Instructor | Schedule | Classroom | Notes |
|---------|--|--|-------------------------------|-----------|--------------------------------|
| 20.001 | Introduction to Professional Success & Leadership in BE | Blainey, Manalis, Belcher | W 9:00 AM - 10:00 AM | 3-270 | |
| 20.005 | Ethics for Engineers | Lauffenburger | M 3:00 PM - 5:00 PM | 66-144 | Meets With: 6.9041,10.01 |
| 20.005 | | | T 3:00 PM - 5:00 PM | 66-148 | Meets With: 6.9041,10.01 |
| 20.005 | | | W 3:00 PM - 5:00 PM | 66-148 | Meets With: 6.9041,10.01 |
| 20.005 | | | W 7:00 PM - 9:00 PM | 66-144 | Meets With: 6.9041,10.01 |
| 20.010 | Introduction to Experimentation in Biological Engineering | Lyell | M 2:00 PM - 3:00 PM | 4-237 | |
| 20.051 | Introduction to NEET: Living Machines | Griffith, Salek | WF 4:00 PM - 5:00 PM | 4-149 | |
| 20.054 | NEET - Living Machines Research Immersion | Griffith, Salek | T 7:00 PM - 8:00 PM | 56-169 | |
| 20.101 | Metakaryotic Biology and Epidemiology | Thilly | F 3:00 PM - 5:00 PM | 16-275 | |
| 20.102 | Metakaryotic Stem Cells in Carcinogenesis: Origins and Cures | Thilly | T Th 1:00 PM - 2:30 PM | 16-275 | Meets With: 20.215 |
| 20.109 | Laboratory Fundamentals in Biological Engineering | Niles, Engelward, Lyell, Meyer, Zhan, Clarke,Ricci-Tam | T Th 11:00 AM - 12:00 PM | 16-220 | |
| 20.109 | | | T Th 1:00 PM - 5:00 PM | 56-322 | |
| 20.109 | | | W F 1:00 PM - 5:00 PM | 56-322 | |
| 20.110J | Thermodynamics of Biomolecular Systems | Alm, Griffith, Voigt | M W F 10:00 AM - 11:00 AM | 3-270 | |
| 20.110J | | | M W 2:00 PM - 3:00 PM | 5-217 | Meets With: 2.772 |
| 20.110J | | | T Th 10:00 AM - 11:00 AM | 66-144 | |
| 20.110J | | | T Th 11:00 AM - 12:00 PM | 66-144 | |
| 20.110J | | | T Th 1:00 PM - 2:00 PM | 56-180 | |
| 20.110J | | | T Th 4:00 PM - 5:00 PM | 26-168 | |
| 20.200 | Biological Engineering BATS Seminar | Bryson, Engelward | F 12:00 PM - 1:00 PM | 32-155 | |
| 20.201 | Fundamentals of Drug Development | Dedon, Sasisekharan | M W F 1:30 PM - 3:00 PM | 56-614 | |
| 20.215 | Macroepidemiology, Population Genetics, & Stem Cell Biology | Thilly | T Th 1:00 PM - 2:30 PM | 16-275 | Meets With: 20.102 |
| 20.309J | Instrumentation and Measurement for Biological Systems | Blainey, Manalis, Wasserman, Jonas, TBD | T Th 12:00 PM - 1:00 PM | 32-144 | Meets With: 20.409 |
| 20.309J | | | F 12:00 PM - 1:00 PM | 32-144 | Meets With: 20.409 |
| 20.320 | Analysis of Biomolecular and Cellular Systems | Wittrup, White | T Th 9:00 AM - 10:30 AM | 32-141 | |
| 20.320 | | | M 3:00 PM - 4:00 PM | 56-114 | |
| 20.320 | | | F 10:00 AM - 11:00 AM | 4-153 | |
| 20.334 | Biological Systems Modeling (Half Term) | Han | F 2:00 PM - 3:00 PM | 66-156 | First Half of Term |
| 20.352 | Principles of Neuroengineering | Boyden | T Th 10:30 AM - 12:00 PM | 46-5165 | Meets With: 20.452 |
| 20.363J | Biomaterials Science and Engineering | Irvine, Ribbeck | M W 1:00 PM - 2:30 PM | 4-163 | Meets With: 20.463 |
| 20.380 | Biological Engineering Design | Collins, Bhargava, Clarke, Buck | T Th 9:00 AM - 12:00 PM | 56-614 | |
| 20.409J | Biological Engineering II: Instrumentation and Measurement | Blainey, Manalis, Wasserman, Jonas | T Th 12:00 PM - 1:00 PM | 32-144 | Meets With: 20.309 |
| 20.409J | | | F 12:00 PM - 1:00 PM | 32-144 | Meets With: 20.309 |
| 20.420J | Principles of Molecular Bioengineering | Fraenkel, Jasanoff | T Th 9:30 AM - 11:00 AM | 16-220 | |
| 20.430J | Fields, Forces, and Flows in Biological Systems | Bathe, Anders | M W 1:00 PM - 2:30 PM | 4-265 | Meets With: 2.795/6.561/10.539 |
| 20.452J | Principles of Neuroengineering | Boyden | T Th 10:30 AM - 12:00 PM | 46-5165 | Meets With: 20.352 |
| 20.454J | Revolutionary Ventures: How to Invent/Deploy Transformative Technologies | Boyden | Th 2:00 PM - 4:00 PM | E14-633 | |
| 20.463J | Biomaterials Science and Engineering | Irvine, Ribbeck | M W 1:00 PM - 2:30 PM | 4-163 | Meets With: 20.363 |
| 20.507J | Biological Chemistry I | Pentelute, Wang | M W F 9:00 AM - 10:00 AM | 4-237 | |
| 20.554J | Frontiers in Chemical Biology | Kiessling, Shoulders | M W 10:30 PM - 12:00 PM | 4-261 | Meets With: 5.54/7.540 |
| 20.561J | Eukaryotic Cell Biology: Principles and Practice | Krieger, Staff | M W 1:00 PM - 3:00 PM | E25-117 | Meets With: 7.61J |
| 20.930 | Research Experience in Biopharma | Keating, Clarke | M 1:00 - 2:00 PM | 16-220 | Meets With: 7.930 |
| 20.S940 | Special Subject in BE: Computational Bioengineering | Bryson | M W 1:00 PM - 2:30 PM | 4-261 | New Undergrad Subject |
| 20.S952 | Special Subject in BE: BE Thurs Seminars | Staff | Th 4:00 PM - 6:00 PM | 32-141 | |
| 20.950 | Research Problems in Biological Engineering | | Thesis or Unscheduled subject | | |
| 20.951 | Thesis Proposal | | Thesis or Unscheduled subject | | |
| 20.960 | Teaching Experience in Biological Engineering | | Thesis or Unscheduled subject | | |
| 20.THG | Graduate Thesis | | Thesis or Unscheduled subject | | |
| 20.THU | Undergraduate BE Thesis | | Thesis or Unscheduled subject | | |