

Biological Engineering Department
Fall 2023 Subject Schedule

Subject	Title	Instructor	Schedule	Classroom	Notes
20.001	Introduction to Professional Success & Leadership in BE	Blainey, Griffith	W 9:00 AM - 10:00 AM	3-270	
20.005	Ethics for Engineers	Lauffenburger	M 3:00 PM - 5:00 PM	56-169	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			T 3:00 PM - 5:00 PM	66-144	Meets With: 6.9041,10.01
20.005			W 7:00 PM - 9:00 PM	66-148	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	4-163	
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	16-771	
20.102	Metakaryotic Stem Cells in Carcinogenesis: Origins and Cures	Thilly	T Th 1:00 PM - 2:30 PM	16-771	Meets With: 20.215
20.109	Laboratory Fundamentals in Biological Engineering	Niles, Engelward, Lyell, Meyer, Zhan, 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	Birbaum, Blainey, Manalis	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	16-771	Meets With: 20.102
20.305	Principles of Synthetic Biology	Weiss, Arkin	T Th 2:00 PM - 3:30 PM	3-333	Meets With: 20.405
20.309J	Instrumentation and Measurement for Biological Systems	Blainey, Manalis, Ly, Wasserman, Jonas	T Th F 12:00 PM - 1:00 PM	4-237	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	W 2:00 PM - 3:00 PM	66-156	First Half of Term
20.352J	Principles of Neuroengineering		T Th 10:30 AM - 12:00 PM	46-5165	Meets With: 20.452, MAS.881
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, Koehler, Bhargava, Clarke, Buck	T Th 9:00 AM - 12:00 PM	56-614	
20.405	Principles of Synthetic Biology	Weiss, Arkin	T Th 2:00 PM - 3:30 PM	3-333	Meets With: 20.305
20.409J	Instrumentation and Measurement for Biological Systems	Blainey, Manalis, Ly, Wasserman, Jonas	T Th F 12:00 PM - 1:00 PM	4-237	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	T TH 1:00 PM - 2:30 PM	4-231	Meets With: 2.795/6.561/10.539
20.445J	Methods and Problems in Microbiology	Laub, Staff	W 12:30 PM - 3:00 PM	68-150	Meets With: 7.492
20.446J	Microbial Genetics and Evolution	Grossman, Staff	T Th 12:30 PM - 2:30 PM	66-160	Meets With: 7.493
20.452J	Principles of Neuroengineering	Boyden, Bonsen, Jacobson	T Th 10:30 AM - 12:00 PM	46-5165	Meets With: 20.352, MAS.881
20.454J	Revolutionary Ventures: How to Invent/Deploy Transformative Technology	Boyden, Bonsen, Jacobson	Th 2:00 PM - 4:00 PM	E14-633	Meets With: MAS.883
20.463J	Biomaterials Science and Engineering	Irvine, Ribbeck	M W 1:00 PM - 2:30 PM	4-163	Meets With: 20.363
20.507J	Introduction to Biological Chemistry	Pentelute, Nolan	M W F 9:00 AM - 10:00 AM	4-237	
20.554J	Advances in Chemical Biology	Kiessling, Shoulders, Johnson	T R 10:30 PM - 12:00 PM	4-261	Meets With: 5.54/7.540
20.561J	Eukaryotic Cell Biology: Principles and Practice	Krieger, Yaffe	M W 12:00 PM - 3:00 PM	56-154	Meets With: 7.61J
20.930	Research Experience in Biopharma	Burge, Clarke	M 1:00 - 2:00 PM	16-220	Meets With: 7.930
20.S940	Special Subject in BE: Bryson Computational Subject	Bryson	M W 1:00 PM - 2:30 PM	4-261	
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		