

Biological Engineering/Course 20
Spring 2022 Subject Offerings

Subject	Title	Master	Instructor	Units	Level	Section	Room	Schedule	Notes
20.005	Ethics for Engineers		Lauffenburger	2 0 7	U	L1	66-148	M 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005	Ethics for Engineers			2 0 7	U	L2	66-148	T 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005	Ethics for Engineers			2 0 7	U	L3	66-148	T 7:00 PM - 9:00 PM	Meets With: 6.9041,10.01
20.005	Ethics for Engineers			2 0 7	U	L4	66-148	W 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005	Ethics for Engineers			2 0 7	U	L5	66-148	W 7:00 PM - 9:00 PM	Meets With: 6.9041,10.01
20.051	Introduction to NEET: Living Machines		Griffith, Salek	2 3 1	U	L1	32-124	W F 4:00 PM - 5:00 PM	
20.052	NEET Junior Seminar: Living Machines		Griffith, Salek	6 0 6	U	T1	TBD	TBD	
20.053	NEET Senior Seminar: Living Machines		Griffith, Salek	6 0 6	U	T1	TBD	TBD	
20.054	NEET - Living Machines Research Immersion		Griffith, Salek	0 0 0	U	T1	TBD	TBD	
20.104J	Environmental Cancer Risks, Prevention, and Therapy		Thilly	3 0 9	U	L1	56-162	T Th 1:00 PM - 2:30 PM	
20.109	Laboratory Fundamentals in Biological Engineering		Koehler, Belcher, Lyell, McClain, Meyer, Clarke, Bhargava	2 8 5	U	L1	1-390	T Th 11:00 AM - 12:00 PM	
20.109	Laboratory Fundamentals in Biological Engineering			2 8 5	U	B1	56-322	T Th 1:00 PM - 5:00 PM	56-322
20.109	Laboratory Fundamentals in Biological Engineering			2 8 5	U	B2	56-322	W F 1:00 PM - 5:00 PM	56-322
20.129J	Biological Circuit Engineering Laboratory	6.129J	Weiss, Niles	2 8 2	U	L1	66-160	M W 2:00 PM - 3:00 PM	
20.129J	Biological Circuit Engineering Laboratory			2 8 2	U	B1	66-160	M W 12:00 PM - 2:00 PM	
20.129J	Biological Circuit Engineering Laboratory			2 8 2	U	B1a	66-160	M W 3:00 PM - 5:00 PM	
20.200	Biological Engineering Seminar: BATS		Engelward	1 0 2	G	L1	32-155	F 12:00 PM - 1:00 PM	
20.201	Fundamentals of Drug Development		Dedon, Sasisekharan	4 0 8	G	L1	56-614	M W 1:30 PM - 3:00 PM	
20.201	Fundamentals of Drug Development			4 0 8	G	R1	56-614	F 1:30 PM - 2:30 PM	
20.205J	Principles & Applications of Genetic Engineering for Biotechnology & Neuroscience	9.26J	Zhang	3 0 9	U	L1	4-451	F 10:00 AM - 1:00 PM	
20.213	Genome Stability & Engineering in the Context of Diseases, Drugs & Public Health		Engelward	4 0 5	U	L1	56-167	M W 9:00 AM - 11:00 AM	Meets second half of term: March 28
20.230J	Immunology	7.23J	Birnbaum, Spranger	5 0 7	U	L1	4-370	M W 9:30 AM - 11:00 AM	Meets With: 7.63,7.23
20.230J	Immunology	7.23J		5 0 7	U	R1	56-167	W 12:00 PM - 1:00 PM	Meets With: 7.63,7.23
20.230J	Immunology	7.23J		5 0 7	U	R2	66-168	W 7:00 PM - 8:00 PM	Meets With: 7.63,7.23
20.230J	Immunology	7.23J		5 0 7	U	R3	66-160	Th 4:00 PM - 5:00 PM	Meets With: 7.63,7.23
20.260	Computational Analysis of Biological Data		Lauffenburger, White	3 0 6	U	L1	16-220	T Th 1:00 PM - 3:00 PM	Meets With: 20.460
20.265	Genetics for Biological Engineering		Alm	3 0 3	U	L1	32-124	T Th 3:00 PM - 4:30 PM	Meets second half of term: March 28
20.301J	Machine Learning for Molecular Engineering	3.100J	Gomez-Bombarelli, Coley, Fraenkel	2 0 4	U	T1	TBD	W F 11:00 AM - 12:00 PM	Meets With: 20.401/3.100/3.222
20.309J	Instrumentation and Measurement for Biological Systems	2.673J	Hansen, Boyden, Wasserman, Jonas	3 6 3	U	L1	4-237	T Th F 12:00 PM - 1:00 PM	Meets With: 20.409
20.309J	Instrumentation and Measurement for Biological Systems			3 6 3	U	B1		TBD	
20.310J	Molecular, Cellular, and Tissue Biomechanics	2.797J	Bathe, Ribbeck, So	4 0 8	U	L1	4-237	T Th 1:00 PM - 2:30 PM	
20.330J	Fields, Forces and Flows in Biological Systems		Manalis, Han	4 0 8	U	L1	4-163	M W F 11:00 AM - 12:00 PM	
20.330J	Fields, Forces and Flows in Biological Systems			4 0 8	U	R1	56-167	T 10:00 AM - 11:00 AM	
20.330J	Fields, Forces and Flows in Biological Systems			4 0 8	U	R2	56-180	T 4:00 PM - 5:00 PM	
20.330J	Fields, Forces and Flows in Biological Systems			4 0 8	U	R3	56-169	W 12:00 PM - 1:00 PM	
20.330J	Fields, Forces and Flows in Biological Systems			4 0 8	U	R4	66-160	Th 12:00 PM - 1:00 PM	
20.365	Engineering the Immune System in Cancer and Beyond		Irvine	3 0 6	U	L1	56-614	T Th 1:00 PM - 2:30 PM	Meets With: 20.465
20.380	Biological Engineering Design		Essigmann, Voigt, Clarke, Buck	5 0 7	U	L1	56-614	T Th 9:00 AM - 12:00 PM	
20.381	Biological Engineering Design II		Buck, Jonas	0 12 0	U	B1	26-035	Arr Hrs	
20.401J	Machine Learning for Molecular Engineering	3.322J	Gomez-Bombarelli, Coley, Fraenkel	2 0 4	G	T1		Thesis or Unscheduled subject	
20.409	Biological Engineering II: Instrumentation and Measurement		Hansen, Boyden, Wasserman, Jonas	2 7 3	G	L1	4-237	T Th F 12:00 PM - 1:00 PM	Meets With: 20.309
20.409	Biological Engineering II: Instrumentation and Measurement			2 7 3	G	B1		TBD	
20.410J	Molecular, Cellular, and Tissue Biomechanics		Bathe, Ribbeck, So	4 0 8	U	L1	4-237	T Th 1:00 PM - 2:30 PM	Meets with: 20.310
20.440	Analysis of Biological Networks		Bryson, Blainey	6 0 9	G	L1	32-124	M W 2:00 PM - 3:30 PM	
20.440	Analysis of Biological Networks			6 0 9	G	L1a	32-124	F 2:30 PM - 3:30 PM	
20.465	Engineering the Immune System in Cancer and Beyond		Irvine	3 0 6	G	L1	56-614	T Th 1:00 PM - 2:30 PM	Meets With: 20.365
20.535J	Protein Engineering	10.535J	Wittrup, Tidor	3 0 9	G	L1	66-154	T Th 9:30 AM - 11:00 AM	
20.586J	Science and Business of Biotechnology	7.546J	Lodish, Chen, Weng, Koehler, Lo	3 0 6	G	L1	WI-AUDIT	Th 3:00 PM - 6:00 PM	
20.586J	Science and Business of Biotechnology	7.546J		3 0 6	G	R1	26-204	T 4:00 PM - 5:00 PM	
20.586J	Science and Business of Biotechnology	7.546J		3 0 6	G	R2	68-121	T 5:00 PM - 6:00 PM	
20.630J	Immunology	7.63J	Birnbaum, Spranger	5 0 7	G	L1	4-370	M W 9:30 AM - 11:00 AM	Meets With: 7.63,7.23
20.630J	Immunology	7.63J		5 0 7	G	R1	56-167	W 12:00 PM - 1:00 PM	Meets With: 7.63,7.23
20.630J	Immunology	7.63J		5 0 7	G	R2	66-168	W 7:00 PM - 8:00 PM	Meets With: 7.63,7.23
20.630J	Immunology	7.63J		5 0 7	G	R3	66-160	Th 4:00 PM - 5:00 PM	Meets With: 7.63,7.23
20.951	Thesis Proposal			0 24 0	G	T1		Thesis or Unscheduled subject	
20.5952	Special Subject in Biological Engineering			0 0 0	G	L1	32-155	Th 4:00 PM - 6:00 PM	
20.THG	Graduate Thesis			0 0 0	G	T1		Thesis or Unscheduled subject	