

Biological Engineering
Spring 2021 Subject Schedule

As of 01/08/21

Subject	Title	Master	Faculty	Units	Level	Section	Assigned-room	Schedule	Notes
20.005	Ethics for Engineers		Lauffenburger	2 0 7	U	L1	Virtual	M 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005				2 0 7	U	L2	Virtual	T 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005				2 0 7	U	L3	Virtual	T 7:00 PM - 9:00 PM	Meets With: 6.9041,10.01
20.005				2 0 7	U	L4	Virtual	W 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005				2 0 7	U	L5	Virtual	W 7:00 PM - 9:00 PM	Meets With: 6.9041,10.01
20.051	Introduction to NEET: Living Machines		Griffith, Kassis, Salek	2 3 1	U	L1	Virtual	W F 4:00 PM - 5:00 PM	
20.052	NEET Junior Seminar: Living Machines		Griffith, Kassis, Salek	6 0 6	U	T1		Thesis or Unscheduled subject	
20.053	NEET Senior Seminar: Living Machines		Griffith, Kassis, Salek	6 0 6	U	T1		Thesis or Unscheduled subject	
20.054	NEET - Living Machines Research Immersion		Griffith, Kassis, Salek	0 0 0	U	T1		Thesis or Unscheduled subject	
20.104J	Environmental Cancer Risks, Prevention, and Therapy		Thilly	3 0 9	U	L1	Virtual	T Th 1:00 PM - 2:30 PM	
20.109	Laboratory Fundamentals in Biological Engineering		Koehler, Jasanoff, Lyell, McClain, Meyer, Clarke, Bhargava	2 8 5	U	L1	Virtual	T Th 11:00 AM - 12:00 PM	
20.109				2 8 5	U	B1	56-322	T Th 1:00 PM - 5:00 PM	
20.109				2 8 5	U	B2	56-322	W F 1:00 PM - 5:00 PM	
20.129J	Biological Circuit Engineering Laboratory		Weiss, Niles	2 8 2	U	L1	Virtual	M W 2:00 PM - 3:00 PM	
20.129J				2 8 2	U	B1		Arr Hrs	
20.129J				2 8 2	U	B2		Arr Hrs	
20.200	Biological Engineering Seminar		Engelward	1 0 2	G	L1	Virtual	F 12:00 PM - 1:00 PM	
20.201	Fundamentals of Drug Development		Dedon, Sasisekharan	4 0 8	G	L1	Virtual	M W 1:30 PM - 3:00 PM	
20.201				4 0 8	G	R1	Virtual	F 1:30 PM - 2:30 PM	
20.202	In vivo Models: Principles and Practices		Thilly	1 1 4	G	T1		Thesis or Unscheduled subject	
20.205J	Principles and Applications of Genetic Engineering for Biotechnology and Neuroscience	9.26J	Zhang	3 0 9	U	L1	Virtual	F 10:00 AM - 1:00 PM	
20.213	Genome Stability & Engineering in the Context of Diseases, Drugs, & Public Health		Engelward	2 0 1	U	L1	Virtual	M W 9:00 AM - 11:00 AM	Second Half of Term
20.230J	Immunology	7.23J	Spranger, Birnbaum	5 0 7	U	L1	Virtual	M W 9:30 AM - 11:00 AM	Meets With: 7.63
20.230J		7.23J		5 0 7	U	R1	Virtual	W 12:00 PM - 1:00 PM	
20.230J		7.23J		5 0 7	U	R2	Virtual	W 7:00 PM - 8:00 PM	
20.230J		7.23J		5 0 7	U	R3	Virtual	Th 4:00 PM - 5:00 PM	
20.260	Computational Analysis of Biological Data		Lauffenburger	3 0 3	U	L1	Virtual	Th 1:00 PM - 3:00 PM	
20.301	Machine Learning for Molecular Engineering	3.100/10.402J	Gomez-Bombarelli, Coley, Fraenkel	2 0 4	U	L1			
20.309J	Instrumentation and Measurement for Biological Systems		Hansen, Jasanoff, Boyden, Wasserman, Sutton, Jonas	3 6 3	U	L1	Virtual	T Th F 12:00 PM - 1:00 PM	Meets With: 20.409
20.309J				3 6 3	U	B1		Arr Hrs	
20.310J	Molecular, Cellular, and Tissue Biomechanics		Bathe, Ribbeck, So	4 0 8	U	L1	Virtual	T Th 1:00 PM - 2:30 PM	Meets with 20.410
20.330J	Fields, Forces and Flows in Biological Systems		Manalis, Han	4 0 8	U	L1	Virtual	M W F 11:00 AM - 12:00 PM	
20.330J				4 0 8	U	R1	Virtual	T 10:00 AM - 11:00 AM	
20.330J				4 0 8	U	R2	Virtual	T 4:00 PM - 5:00 PM	
20.330J				4 0 8	U	R3	Virtual	W 12:00 PM - 1:00 PM	
20.330J				4 0 8	U	R4	Virtual	Th 12:00 PM - 1:00 PM	
20.365	Engineering the Immune System in Cancer and Beyond		Irvine	3 0 6	U	L1	Virtual	T Th 1:00 PM - 2:30 PM	Meets With: 20.465
20.380	Biological Engineering Design		Essigmann, Voigt, Clarke, Bhargava	5 0 7	U	L1	Virtual	T Th 10:00 AM - 12:00 PM	
20.380				5 0 7	U	R1	Virtual	T Th 9:00 AM - 10:00 AM	
20.381	Biological Engineering Design II		Buck	0 12 0	U	B1	26-033	M T W Th F 9:00 AM - 12:00 PM	
20.381				0 12 0	U	B2	26-033	M T W Th F 2:00 PM - 5:00 PM	
20.381				0 12 0	U	B3	26-033	M T W Th F 7:00 PM - 10:00 PM	
20.390J	Computational Systems Biology: Deep Learning in the Life Sciences	6.802J	Gifford	3 0 9	U	L1	Virtual	T Th 1:00 PM - 2:30 PM	Meets With: 20.490
20.401	Machine Learning for Molecular Engineering	3.322/10.602J	Gomez-Bombarelli, Coley, Fraenkel	2 0 4	U	L1			
20.409	Biological Engineering II: Instrumentation and Measurement		Hansen, Jasanoff, Boyden, Wasserman, Sutton, Jonas	2 7 3	G	L1	Virtual	T Th F 12:00 PM - 1:00 PM	Meets With: 20.309
20.409				2 7 3	G	B1		Arr Hrs	
20.410	Molecular, Cellular, and Tissue Biomechanics		Bathe, Ribbeck, So	4 0 8	U	L1	Virtual	T Th 1:00 PM - 2:30 PM	Meets with 20.310
20.440	Analysis of Biological Networks		Bryson, White	6 0 9	G	L1	Virtual	M W 2:00 PM - 3:30 PM	
20.440				6 0 9	G	L1a	Virtual	F 2:30 PM - 3:30 PM	
20.465	Engineering the Immune System in Cancer and Beyond		Irvine	3 0 6	G	L1	Virtual	T Th 1:00 PM - 2:30 PM	Meets With: 20.365
20.490	Computational Systems Biology: Deep Learning in the Life Sciences		Gifford	3 0 9	G	L1	Virtual	T Th 1:00 PM - 2:30 PM	Meets With: 6.802/20.390
20.535J	Protein Engineering	10.535J	Wittrup, Tidor	3 0 9	G	T1		Thesis or Unscheduled subject	
20.586J	Science and Business of Biotechnology	15.480/7.546J	Lodish, Lo	3 0 6	G	L1	Virtual	Th 4:00 - 7:00 PM	
20.630J	Immunology	7.63J	Spranger, Birnbaum	5 0 7	G	L1	Virtual	M W 9:30 AM - 11:00 AM	Meets With: 7.23
20.630J		7.63J		5 0 7	G	R1	Virtual	W 12:00 PM - 1:00 PM	
20.630J		7.63J		5 0 7	G	R2	Virtual	W 7:00 PM - 8:00 PM	
20.630J		7.63J		5 0 7	G	R3	Virtual	Th 4:00 PM - 5:00 PM	
20.930J	Research Experience in Biopharma		Staff	2 10 0	G	T1		Thesis or Unscheduled subject	
20.950	Research Problems in Biological Engineering		Staff	0 0 0+E71	G	T1		Thesis or Unscheduled subject	
20.951	Thesis Proposal		Staff	0 24 0	G	T1		Thesis or Unscheduled subject	
20.960	Teaching Experience in Biological Engineering		Staff	0 0 0	G	T1		Thesis or Unscheduled subject	
20.S940	Special Subject in Biological Engineering: 20.Genetics		Alm	3-0-3	U	L1	Virtual	??	
20.S952	Special Subject in Biological Engineering		Staff	0 0 0	G	L1	Virtual	Th 4:00 PM - 6:00 PM	
20.THG	Graduate Thesis		Staff	0 0 0	G	T1		Thesis or Unscheduled subject	
20.THU	Undergraduate BE Thesis		Staff	0 0 0	U	T1		Thesis or Unscheduled subject	