

Biological Engineering/Course 20
Spring 2023 Subject Offerings

Subject	Title	Instructor	Room	Schedule	Notes
20.005	Ethics for Engineers	Lauffenburger	66-148	M 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005	Ethics for Engineers		66-148	T 3:00 PM - 5:00 PM	Meets With: 6.9041,10.01
20.005	Ethics for Engineers		66-148	W 7:00 PM - 9:00 PM	Meets With: 6.9041,10.01
20.020	Introduction to Biological Engineering Design Using Synthetic Biology	Buck	36-144	T TH 2:00 PM - 5:00 PM	Meets With: 20.385
20.051	Introduction to NEET: Living Machines	Griffith, Salek	32-124	W F 4:00 PM - 5:00 PM	
20.054	NEET - Living Machines Research Immersion	Griffith, Salek	56-162	T 7 PM - 8:00 PM	
20.104J	Environmental Cancer Risks, Prevention, and Therapy	Thilly	56-180	T Th 1:00 PM - 2:30 PM	
20.109	Laboratory Fundamentals in Biological Engineering	Koehler, Belcher, Lyell, Meyer, Zhan, Clarke,Ricci-Tam	1-390	T Th 11:00 AM - 12:00 PM	
20.109	Laboratory Fundamentals in Biological Engineering		56-322	T Th 1:00 PM - 5:00 PM	
20.109	Laboratory Fundamentals in Biological Engineering		56-322	W F 1:00 PM - 5:00 PM	
20.200	Biological Engineering Seminar: BATS	Engelward	32-155	F 12:00 PM - 1:00 PM	
20.201	Fundamentals of Drug Development	Dedon, Sasisekharan	56-614	M W 1:30 PM - 3:00 PM	
20.201	Fundamentals of Drug Development		56-614	F 1:30 PM - 2:30 PM	
20.203J	Neurotechnology in Action	Jasanoff, Boyden, Jonas	46-4062	T Th 2:30 PM - 4:00 PM	
20.205I	Prncples & Applctins of Genetic Engineering for Biotechnology & Neuroscience	Zhang	NE30-75A-401	F 10:00 AM - 1:00 PM	
20.213	Genome Stability & Engineering in the Context of Diseases, Drugs & Public Health	Engelward	56-167	M W 9:00 AM - 11:00 AM	Meets second half of term: April 3
20.230I	Immunology	Birnbaum, Spranger	4-370	M W 9:30 AM - 11:00 AM	Meets With: 7.63,7.23
20.230I	Immunology		56-167	W 12:00 PM - 1:00 PM	Meets With: 7.63,7.23
20.230I	Immunology		66-168	W 7:00 PM - 8:00 PM	Meets With: 7.63,7.23
20.230I	Immunology		66-160	Th 4:00 PM - 5:00 PM	Meets With: 7.63,7.23
20.260	Computational Analysis of Biological Data	Lauffenburger, White	16-220	T Th 1:00 PM - 3:00 PM	Meets With: 20.460
20.265	Genetics for Biological Engineering	Alm	32-124	T Th 3:00 PM - 4:30 PM	Meets second half of term: April 3
20.309J	Instrumentation and Measurement for Biological Systems	Hansen, Boyden, Wasserman, Jonas	4-237	T Th F 12:00 PM - 1:00 PM	Meets With: 20.409
20.309J	Instrumentation and Measurement for Biological Systems			TBD	
20.310I	Molecular, Cellular, and Tissue Biomechanics	Bathe, So	4-237	T Th 1:00 PM - 2:30 PM	Meets with: 20.410
20.330I	Fields, Forces and Flows in Biological Systems	Manalis, Han	4-163	M W F 11:00 AM - 12:00 PM	
20.330I	Fields, Forces and Flows in Biological Systems		56-167	T 10:00 AM - 11:00 AM	
20.330I	Fields, Forces and Flows in Biological Systems		56-162	T 4:00 PM - 5:00 PM	
20.330I	Fields, Forces and Flows in Biological Systems		56-180	W 10:00 PM - 11:00 AM	
20.330I	Fields, Forces and Flows in Biological Systems		66-160	Th 12:00 PM - 1:00 PM	
20.365	Engineering the Immune System in Cancer and Beyond	Irvine	56-614	T Th 1:00 PM - 2:30 PM	Meets With: 20.465
20.380	Biological Engineering Design	Ribbeck, Voigt, Bhargava, Buck, Clarke	56-614	T Th 9:00 AM - 12:00 PM	
20.381	Biological Engineering Design II	Buck, Jonas	26-035	Arr Hrs	
20.385	Design in Synthetic Biology	Buck	36-144	T TH 2:00 PM - 5:00 PM	Meets With: 20.020
20.409	Biological Engineering II: Instrumentation and Measurement	Hansen, Boyden, Wasserman, Jonas, TBD	4-237	T Th F 12:00 PM - 1:00 PM	Meets With: 20.309
20.409	Biological Engineering II: Instrumentation and Measurement			TBD	
20.410I	Molecular, Cellular, and Tissue Biomechanics	Bathe, So	4-237	T Th 1:00 PM - 2:30 PM	Meets with: 20.310
20.440	Analysis of Biological Networks	Bryson, Blainey	32-124	M W 2:00 PM - 3:30 PM	
20.440	Analysis of Biological Networks		32-124	F 2:30 PM - 3:30 PM	
20.460	Computational Analysis of Biological Data	Lauffenburger, White	16-220	T Th 1:00 PM - 3:00 PM	Meets With: 20.260
20.465	Engineering the Immune System in Cancer and Beyond	Irvine	56-614	T Th 1:00 PM - 2:30 PM	Meets With: 20.365
20.535I	Protein Engineering	Wittrup, Tidor	66-168	T Th 9:30 AM - 11:00 AM	
20.586J	Science and Business of Biotechnology	Lodish, Chen, Koehler, Lo	WI-AUDIT	Th 3:00 PM - 6:00 PM	
20.586J	Science and Business of Biotechnology		68-180	T 4:00 PM - 5:00 PM	
20.586J	Science and Business of Biotechnology		68-180	T 5:00 PM - 6:00 PM	
20.630I	Immunology	Birnbaum, Spranger	4-370	M W 9:30 AM - 11:00 AM	Meets With: 7.63,7.23
20.630I	Immunology		56-167	W 12:00 PM - 1:00 PM	Meets With: 7.63,7.23
20.630I	Immunology		66-168	W 7:00 PM - 8:00 PM	Meets With: 7.63,7.23
20.630I	Immunology		66-160	Th 4:00 PM - 5:00 PM	Meets With: 7.63,7.23
20.951	Thesis Proposal			Thesis or Unscheduled subject	
20.C01J	Machine Learning for Molecular Engineering	Coley, Gomez-Bombarelli	4-163	F 3:00 PM - 4 PM	Meets With: 3.C01/10.C01/3.C51/10.C51/20.C51
20.C51J	Machine Learning for Molecular Engineering	Coley, Gomez-Bombarelli	4-163	F 3:00 PM - 4 PM	Meets With: 3.C01/10.C01/20.C01/3.C51/10.C51
20.S952	Special Subject in Biological Engineering		32-155	Th 4:00 PM - 6:00 PM	
20.THG	Graduate Thesis			Thesis or Unscheduled subject	