

The Scripps Research Institute
Doctoral Program in Chemical and Biological Sciences
Course Schedule - Academic Year 2021-2022

Course No.	Orientation 2021	Professor(s)	Begins	Ends	Days	California	Florida
IMS 300	Microbiology Boot Camp / 0 CR	Constantinides, Hang, Lasker, Racki	8/17	8/20	T W Th F	0900-1000	1200-1300
STBIO 300	Structural Biology Boot Camp / 0 CR	Murin	8/23	8/27	M T W Th F	1430-1600	1730-1900
TRBIO 300	Quantitative Data Analysis Boot Camp / 0 CR	Bagsic	8/16	8/20	M T W Th F	1000-1200	1300-1500
Course No.	Fall 2021	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 410	Molecular Biology / 3 CR	Kojetin, Lamia, Macrae	9/8	12/10	M W	1130-1300 (Seminar Room)	1430-1600 (B382)
CHBIO 440	Chemical Biology I / 3 CR	Kelly, Powers	9/8	12/10	M W	0945-1115 (Keck)	1245-1415 (C304)
CHEM 410	Modern Organic Synthesis / 3 CR	Krishnamurthy, Shenvi	9/7	12/10	Tu Th	0900-1030 (Keck)	1200-1330 (B387)
COMM 450	The Science of Writing Science / 3 CR	Teyton	9/7	12/10	Tu F	1300-1430 (Seminar Room)	1600-1730 (C304)
IMS 420	Introduction to Immunology and Microbial Sciences / 3 CR	de la Torre, Teyton	9/7	12/10	Tu Th F	1000-1100 (Seminar Room) 0815-0915 (Seminar Room)	1300-1400 (C304) 1115-1215 (C304)
NEURO 410	Fundamentals of Neuroscience / 3 CR	Srinivasan	9/8	12/10	M W	1315-1445 (Large Conf Room)	1615-1745 (C304)
STBIO 411	Structural Biology and Biophysics I / 3 CR	Lander, Ward, Wilson	9/8	12/10	M W F	0930-1100 (Seminar Room)	1230-1400 (B382)
TRBIO 430	Clinical Investigation / 3 CR	Nicholson	9/9	12/10	Tu Th	0830-1000 (Large Conf Room)	1130-1300 (C304)
Course No.	Winter 2022	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 430	Cell Biology / 3 CR	Grotjahn, Huang, Wiseman	1/3	3/25	M W	0945-1115 (Dining Room)	1245-1415 (C212)
CHEM 610	Classics in Total Synthesis / 3 CR	Renata, Shenvi	1/4	3/25	Tu Th	1115-1245 (Keck)	1415-1545 (C304)
IMS 510	Immunology / 3 CR	Constantinides, Nemazee, Pipkin, Sundrud	1/4	3/25	Tu Th F	1200-1300 (Seminar Room)	1500-1600 (C212)
STBIO 511	Structural Biology and Biophysics II / 3 CR	Lander, Ward, Wilson	1/4	3/25	Tu Th F	1000-1130 (Large Conf Room)	1300-1430 (C212)
TRBIO 400	Technologies Across Scale / 3 CR	Murin	1/3	3/25	M W	1300-1430 (Dining Room) 1300-1600 (Lab/CoreFacilities)	1600-1730 (C212) 1300-1600 (Lab/Core Facilities)
TRBIO 420	Introduction to Biostatistics / 3 CR	Waalén	1/4	3/25	Tu Th	1400-1530 (Dining Room)	1700-1830 (C212)
TRBIO 450	Drug Discovery and Development / 3 CR	Scampavia, Spicer	1/3	3/25	M W	1130-1300 (Seminar Room)	1430-1600 (C304)
Course No.	Spring 2022	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 530	Phase Separation in Biology / 3 CR	Deniz	4/5	6/24	Tu Th	1145-1315 (Large Conf Room)	1445-1615 (B214)
BIOL 540	Signal Transduction / 3 CR	Solt	4/4	6/24	M W	0945-1115 (Large Conf Room)	1245-1415 (A116)
CHBIO 510	Chemical Biology II / 3 CR	Dawson, Kodadek	4/4	6/24	M W F	1130-1230 (Seminar Room)	1430-1530 (A116)
CHEM 450	Physical Organic Chemistry - Kinetics / 3 CR	Blackmond	4/5	6/24	Tu Th	1000-1130 (Keck)	1300-1430 (C204)
COMM 430	Fellowship Boot Camp / 1 CR	Deniz, Kojetin	June	October		See online calendar for times / locations	
IMS 530	Frontiers in Microbiology / 3 CR	Constantinides, Hang, Lasker, Racki	4/4	6/24	M W F	1300-1430 (Seminar Room)	1600-1730 (C304)
NEURO 560	Concepts of Learning and Memory / 3 CR	Tomchik	4/5	6/24	Tu Th	0945-1115 (Large Conf Room)	1245-1415 (A116)
TRBIO 410	Business of Biotechnology / 3 CR	TBD	4/4	6/24	M W	1300-1430 (Large Conf Room)	1600-1730 (B214)
TRBIO 460	Molecular Medicine / 3 CR	Muse	4/5	6/24	Tu Th	0800-0930 (Seminar Room)	1100-1230 (B214)
TRBIO 530	Advanced Topics in Bioinformatics & Computational Biology / 3 CR	Wu	4/5	6/24	M W	0800-0930	1100-1230
EVEN-STARTING ACADEMIC YEARS (i.e., 2022-23)			ODD-STARTING ACADEMIC YEARS (i.e., 2021-22)				
Advanced Methods in Statistical Analysis (Wineinger)		Neurobiology of Alcohol & Drug Addiction (Mason, Zorrilla)	Advanced Topics in Bioinformatics & Computational Biology (Wu)			Medicinal Chemistry (Disney)	
Applied Bioinformatics and Computational Biology (Su)		Neurobiology of Disease (Davis, Xu)	Business of Biotechnology			Molecular Medicine (Muse)	

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Cancer Biology (Felding, Kissil, Rader)	Organometallic Chemistry (Engle)	Chemical Biology II (Dawson, Kodadek)	Phase Separation in Biology (Deniz)
Current Topics in Sensory Neuroscience (Cline, Patapoutian)	Physical Organic Chemistry - Bonding and Reactivity (Rebek, Shenvi)	Clinical Investigation (Nicholson)	Physical Organic Chemistry - Kinetics (Blackmond)
Fundamentals of Scientific Computing (Su)	Protein Folding in the Cell (Wiseman, Powers, Deniz)	Concepts of Learning and Memory (Tomchik)	Signal Transduction (Solt)
Genetics and Genomics (Torkamani)	Virology (Nemerow, Law)	Drug Discovery and Development (Scampavia, Spicer)	
Heterocyclic Chemistry (Baran)	X-ray Crystallography (Johnson)	Frontiers in Microbiology (Constantinides, Hang, Lasker, Racki)	
Natural Product Biosynthesis & Engineering (Renata, Shen)		Fundamentals of Neuroscience (Srinivasan)	SUBJECT TO CHANGE Updated 20 August 2021