

The Scripps Research Institute
Doctoral Program in Chemical and Biological Sciences
Course Schedule - Academic Year 2018-19

Course No.	Orientation 2018	Professor(s)	Begins	Ends	Days	California	Florida
STBIO 300	Structural Biology Boot Camp / 0 CR	Kirchdoerfer	8/20	8/24	M T W Th F	1300-1400 (Seminar Room)	1600-1700 (B214)
TRBIO 300	Quantitative Data Analysis Boot Camp / 0 CR	Nemerow	8/20	8/24	M T W Th F	1000-1200 (Keck)	1300-1500 (B387)
Course No.	Fall 2018	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 410	Molecular Biology / 3 CR	Lamia, Macrae, Wittenberg	9/5	12/14	M W	1130-1300 (Dining Room)	1430-1600 (B214)
CHBIO 440	Chemical Biology I / 3 CR	Kelly, Powers	9/5	12/14	M W	0930-1100 (Keck)	1230-1400 (A116)
CHEM 410	Modern Organic Synthesis / 3 CR	Shenvi, Krishnamurthy	9/4	12/14	Tu Th	0930-1100 (Keck)	1230-1400 (A116)
CHEM 460	Physical Organic Chemistry - Bonding and Reactivity / 3 CR	Kodadek, Rebek, Romesberg	9/4	12/14	Tu Th	1115-1245 (Keck)	1415-1545 (B387)
COMM 291	Essentials of Scientific Communication I / 0 CR	Berlow	9/6	12/14	Th	1000-1200 (Large Conf Room)	N/A
IMS 420	Introduction to Immunology and Microbial Sciences / 3 CR	de la Torre, Teyton	9/4	12/14	Tu Th F	1000-1100 (Seminar Room) 0830-0930 (Seminar Room)	1300-1400 (B382) 11:30-12:30 (B382)
NEURO 550	Neurobiology of Alcohol and Drug Addiction / 3 CR	George, Mason	9/5	12/14	M W	1400-1530 (Large Conf Room)	1700-1830 (B387)
STBIO 411	Structural Biology and Biophysics I / 3 CR	Lander, Ward, Wilson	9/5	12/14	M W F	0945-1115 (Seminar Room)	1245-1415 (B387)
STBIO 400	Fundamentals of Scientific Computing / 1CR	Su	9/4	9/27	Tu Th	0815-0945 (Committee Lecture Hall)	1115-1245 (B382)
STBIO 440	Applied Bioinformatics and Computational Biology / 2CR	Su	10/4	12/14	Tu Th	0815-0945 (Committee Lecture Hall)	1115-1245 (B382)
TRBIO 410	Business of Biotechnology / 3 CR	Catron	9/4	12/14	Tu	0800-1100 (Large Conf Room)	1100-1400 (B387)
Course No.	Winter 2019	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 430	Cell Biology / 3 CR	Wiseman	1/7	3/22	M W	0945-1115 (Dining Room)	1245-1415 (B214)
CHEM 420	Spectroscopy / 3 CR	Romesberg	1/4	3/22	M W F	0830-0930 (Keck)	1130-1230 (B387)
CHEM 520	Natural Product Biosynthesis and Engineering / 3 CR	Renata, Shen	1/4	3/22	M W F	1115-1245 (Keck)	1415-1545 (A116)
CHEM 610	Classics in Total Synthesis / 3 CR	Renata, Shenvi	1/3	3/22	Tu Th	1015-1145 (Keck)	1315-1445 (A116)
COMM 292	Essentials of Scientific Communication II / 0 CR	Berlow	1/7	3/22	M	1300-1500 (Large Conf Room)	N/A
COMM 402	Effective Career Planning for PhDs / 1 CR	Branan, Wheeler	1/9	3/22	W	1200-1400 (Seminar Room)	1500-1700 (B387)
IMS 510	Immunology / 3 CR	Nemazee, Pipkin, Sundrud	1/3	3/22	Tu Th F	1200-1300 (Seminar Room)	1500-1600 (B214)
STBIO 430	X-ray Crystallography / 3 CR	Johnson	1/3	3/22	Tu Th	0800-0930 (Seminar Room)	1100-1230 (B387)
STBIO 511	Structural Biology and Biophysics II / 3 CR	Lander, Ward, Wilson	1/3	3/22	Tu Th F	1000-1130 (Seminar Room)	1300-1430 (B387)
TRBIO 400	Technologies Across Scale / 3 CR	Ward, Wittenberg	1/4	3/22	M W	1500-1600 (Large Conf Room) 1400-1700 (Lab/Core Facilities)	N/A
TRBIO 420	Introduction to Biostatistics / 3 CR	Waalén	1/3	3/22	Tu Th	1400-1530 (Committee Lecture Hall)	1700-1830 (B214)
Course No.	Spring 2019	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 420	Cancer Biology / 3 CR	Felding, Kissil, Rader	3/26	6/14	Tu Th	1130-1300 (Seminar Room)	1430-1600 (B214)
BIOL 510	Genetics and Genomics / 3 CR	Torkamani	3/25	6/14	M W	0815-0945 (Seminar Room)	1115-1245 (B387)
BIOL 520	Protein Folding in the Cell / 3 CR	Deniz, Powers, Wiseman	3/25	6/14	M W	1000-1130 (Dining Room)	1300-1430 (B387)
CHEM 530	Organometallic Chemistry / 3 CR	Engle	3/25	6/14	M W	1000-1130 (Keck)	1300-1430 (A116)
CHEM 620	Heterocyclic Chemistry / 3 CR	Baran	3/25	6/14	M W F	0800-0930 (Keck)	1100-1230 (A116)

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COMM 401	Writing and Speaking about Science / 1 CR	Berlow	3/25	6/14	M	1300-1500 (Large Conf Room)	N/A
COMM 430	Fellowship Boot Camp / 1 CR	Deniz, Paegel	June	October	See online calendar for times / locations		
IMS 520	Virology / 3 CR	Law, Nemerow	3/26	6/14	Tu Th	0945-1115 (Seminar Room)	1245-1415 (B387)
NEURO 530	Neurobiology of Disease / 3 CR	Davis, Xu	3/26	6/14	Tu Th	0800-0930 (Large Conf Room)	1100-1230 (B387)

<i>EVEN-STARTING ACADEMIC YEARS (i.e., 2018-19)</i>		<i>ODD-STARTING ACADEMIC YEARS (i.e., 2019-20)</i>	
Applied Bioinformatics and Computational Biology (Su)	Neurobiology of Alcohol & Drug Addiction (George, Mason)	Bacteria and Antibiotics (Romesberg)	Molecular Medicine
Business of Biotechnology	Neurobiology of Disease (Davis, Xu)	Chemical Biology II (Dawson, Kodadek, Wolan)	Physical Organic Chemistry - Kinetics (Blackmond)
Cancer Biology (Felding, Kissil, Rader)	Organometallic Chemistry (Yu, Engle)	Clinical Investigation (Nicholson)	Signal Transduction (Solt)
Current Topics in Sensory Neuroscience	Physical Organic Chemistry - Bonding and Reactivity (Kodadek, Rebek, Romesberg)	Concepts of Learning and Memory (Tomchik)	
Fundamentals of Scientific Computing (Su)	Protein Folding in the Cell (Wiseman, Powers, Deniz)	Drug Discovery and Development (Scampavia, Spicer)	
Genetics and Genomics (Torkamani)	Virology (Nemerow, Law)	Effective Scientific Communication (Paegel)	
Heterocyclic Chemistry (Baran)	X-ray Crystallography (Johnson)	Fundamentals of Neuroscience (Stowers, Srinivasan)	
Natural Product Biosynthesis & Engineering (Renata, Shen)		Medicinal Chemistry (Disney)	

Updated 20 March 2019