

The Scripps Research Institute
 Doctoral Program in Chemical and Biological Sciences
 Course Schedule - Academic Year 2020-2021

Course No.	Orientation 2020	Professor(s)	Begins	Ends	Days	California	Florida
STBIO 300	Structural Biology Boot Camp / 0 CR	Murin	8/17	8/21	M T W Th F	1300-1430	1600-1700
TRBIO 300	Quantitative Data Analysis Boot Camp / 0 CR	Bagsic	8/17	8/21	M T W Th F	1000-1200	1300-1500
Course No.	Fall 2020	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 410	Molecular Biology / 3 CR	Kojetin, Lamia, Macrae	9/9	12/11	M W	1130-1300	1430-1600
CHBIO 440	Chemical Biology I / 3 CR	Kelly, Powers	9/9	12/11	M W	0945-1115	1245-1415
CHEM 410	Modern Organic Synthesis / 3 CR	Krishnamurthy, Shenvi	9/8	12/11	Tu Th	0900-1030	1200-1330
CHEM 460	Physical Organic Chemistry - Bonding and Reactivity / 3 CR	Houk, Rebek, Shenvi	9/8	12/11	Tu Th	1100-1230	1400-1530
COMM 450	The Science of Writing Science / 3 CR	Teyton	9/8	12/11	Tu F	1300-1430	1600-1730
IMS 420	Introduction to Immunology and Microbial Sciences / 3 CR	de la Torre, Teyton	9/8	12/11	Tu Th F	1000-1100 0815-0915	1300-1400 1115-1215
NEURO 550	Neurobiology of Alcohol and Drug Addiction / 3 CR	Mason, Zorrilla	9/9	12/11	M W	1315-1445	1615-1745
STBIO 411	Structural Biology and Biophysics I / 3 CR	Lander, Ward, Wilson	9/9	12/11	M W F	0930-1100	1230-1400
STBIO 400	Fundamentals of Scientific Computing / 1 CR	Su, Ul-Hasan	9/8	10/1	Tu Th	0815-0945	1115-1245
STBIO 440	Applied Bioinformatics and Computational Biology / 2 CR	Su, Ul-Hasan	10/6	12/11	Tu Th	0815-0945	1115-1245
TRBIO 520	Advanced Methods in Statistical Analysis / 3 CR	Bagsic, Wineinger	9/9	12/11	M W	1300-1430	1600-1730
Course No.	Winter 2021	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 430	Cell Biology / 3 CR	Grotjahn, Huang, Wiseman	1/4	3/26	M W	0945-1115	1245-1415
CHEM 520	Natural Product Biosynthesis and Engineering / 3 CR	Renata, Shen	1/4	3/26	M W	1115-1245	1415-1545
CHEM 610	Classics in Total Synthesis / 3 CR	Renata, Shenvi	1/5	3/26	Tu Th	1115-1245	1415-1545
COMM 402	Effective Career Planning for PhDs / 1 CR	Horcasitas, Li, Wheeler	1/6	3/26	W	1200-1400	1500-1700
IMS 510	Immunology / 3 CR	Constantinides, Nemazee, Pipkin, Sundrud	1/5	3/26	Tu Th F	1200-1300	1500-1600
STBIO 430	X-ray Crystallography / 3 CR	Johnson	1/5	3/26	Tu Th	0815-0945	1115-1245
STBIO 511	Structural Biology and Biophysics II / 3 CR	Lander, Ward, Wilson	1/5	3/26	Tu Th F	1000-1130	1300-1430
TRBIO 420	Introduction to Biostatistics / 3 CR	Waalén	1/5	3/26	Tu Th	1400-1530	1700-1830
TRBIO 500	Social Science Impact of Biomedical Research / 3 CR	Au Young	1/4	3/26	Tu Th	1230-1400	1530-1700
Course No.	Spring 2021	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 420	Cancer Biology / 3 CR	Felding, Rader	4/6	6/25	Tu Th	1130-1300	1430-1600
BIOL 510	Genetics and Genomics / 3 CR	Torkamani	4/5	6/25	M W	0815-0945	1115-1245
BIOL 520	Protein Folding in the Cell / 3 CR	Deniz, Powers, Wiseman	4/5	6/25	M W	1000-1130	1300-1430
CHEM 530	Organometallic Chemistry / 3 CR	Engle	4/6	6/25	Tu Th	0830-1000	1130-1300
CHEM 620	Heterocyclic Chemistry / 3 CR	Baran	4/5	6/25	M W F	0800-0930	1100-1230
COMM 430	Fellowship Boot Camp / 1 CR	Deniz, Kojetin	June	October	See online calendar for times / locations		
IMS 520	Virology / 3 CR	Law, Nemerow	4/6	6/25	Tu Th	0945-1115	1245-1415
NEURO 530	Neurobiology of Disease / 3 CR	Davis, Xu	4/6	6/25	Tu Th	0800-0930	1100-1230

The Scripps Research Institute
Doctoral Program in Chemical and Biological Sciences
Course Schedule - Academic Year 2020-2021

EVEN-STARTING ACADEMIC YEARS (i.e., 2022-23)

Advanced Methods in Statistical Analysis (Wineinger)
Applied Bioinformatics and Computational Biology (Su)
Business of Biotechnology
Cancer Biology (Felding, Kissil, Rader)
Current Topics in Sensory Neuroscience (Cline, Patapoutian)
Fundamentals of Scientific Computing (Su)
Genetics and Genomics (Torkamani)
Heterocyclic Chemistry (Baran)

Natural Product Biosynthesis & Engineering (Renata, Shen)
Neurobiology of Alcohol & Drug Addiction (Mason, Zorrilla)
Neurobiology of Disease (Davis, Xu)
Organometallic Chemistry (Engle, Yu)
Physical Organic Chemistry - Bonding and Reactivity (Rebek, Shenvi)
Protein Folding in the Cell (Wiseman, Powers, Deniz)
Virology (Nemerow, Law)
X-ray Crystallography (Johnson)

ODD-STARTING ACADEMIC YEARS (i.e., 2021-22)

Chemical Biology II (Dawson, Kodadek, Wolan)
Clinical Investigation (Nicholson)
Concepts of Learning and Memory (Tomchik)
Drug Discovery and Development (Scampavia, Spicer)
Fundamentals of Neuroscience (Srinivasan)
Medicinal Chemistry (Disney)
Molecular Medicine (Muse)
Phase Separation in Biology (Deniz)

Physical Organic Chemistry - Kinetics (Blackmond)
Signal Transduction (Solt)

SUBJECT TO CHANGE

Updated 8 February 2021