

The Scripps Research Institute
Doctoral Program in Chemical and Biological Sciences
Course Schedule - Academic Year 2023-2024

Course No.	Orientation 2023	Professor(s)	Begins	Ends	Days	California	Florida
CBB 300	Quantitative Data Analysis Boot Camp / 0 CR	Bagsic	8/21	8/25	M T W Th F	1200-1330 (Dining Room)	1500-1630 (B159)
CHEM 300	Organometallics Boot Camp / 0 CR	Engle	8/7	8/18	M T W Th F	0800-0900 (Library Conf Rm) 8/7 & 8/15 (4th fl Conf Rm)	1100-1200 (B316)
IMS 300	Microbiology Boot Camp / 0 CR	Constantinides, Hang, Lasker, Racki	8/28	9/1	M T W Th F	1015-1115 (Dining Room)	1315-1415 (C212)
STBIO 300	Structural Biology Boot Camp / 0 CR	Cannac	8/21	8/25	M T W Th F	1015-1145 (Dining Room)	1315-1445 (B214)
TRBIO 330	Clinical Study Design Workshop / 1 CR	Nicholson	8/28	9/1	M T W Th F	0800-1000 (Dining Room)	1100-1300 (C212)
Course No.	Fall 2023	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 410	Molecular Biology / 3 CR	Burke, MacRae	9/5	12/8	Tu Th	1130-1300 (Dining Room)	1430-1600 (C212)
CBB 410	Introduction to Data Science / 3 CR	Bagsic	9/6	12/8	M W	1145-1315 (Dining Room)	1445-1615 (C304)
CHBIO 440	Chemical Biology I / 3 CR	Erb, Lairson	9/6	12/8	M W	0945-1115 (Keck)	1245-1415 (A116)
CHEM 410	Modern Organic Synthesis / 3 CR	Krishnamurthy, Shenvi	9/5	12/8	Tu Th	0900-1030 (Keck)	1200-1330 (C212)
CHEM 460	Physical Organic Chemistry - Bonding and Reactivity / 3 CR	Blackmond, Shenvi	9/6	12/8	M W	1130-1300 (Keck)	1430-1600 (C204)
COMM 450	The Science of Writing Science / 3 CR	Teyton	9/5	12/8	Tu Th	1315-1445 (Dining Room)	1615-1745 (A116)
IMS 420	Introduction to Immunology and Microbial Sciences / 3 CR	de la Torre, Teyton	9/5	12/8	Tu Th F	1015-1115 (Dining Room) 0900-1000 (Seminar Room)	1315-1415 (C304) 1200-1300 (C304)
NEURO 410	Fundamentals of Neuroscience / 3 CR	Maximov, Ye	9/6	12/8	M W	1330-1500 (Seminar Room)	1630-1800 (C304)
STBIO 411	Structural Biology and Biophysics I / 3 CR	Lander, Lasker, Wilson	9/6	12/8	M W F	0930-1100 (Dining Room)	1230-1400 (C212)
Course No.	Winter 2024	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 430	Cell Biology / 3 CR	Grotjahn, Huang, Droujinine	1/2	3/22	Tu Th	1000-1130 (Dining Room)	1300-1430 (C212)
CBB 400	Introduction to Biostatistics / 3 CR	Waalén	1/2	3/22	Tu Th	1400-1530 (Dining Room)	1700-1830 (C212)
CHBIO 550	Medicinal Chemistry / 3 CR	Disney	1/3	3/22	M W	0900-1030 (Seminar Room)	1200-1330 (A116)
CHEM 611	Total Synthesis of Natural Products / 3 CR	Shenvi	1/2	3/22	Tu Th	0900-1030 (Keck)	1200-1330 (B387)
IMS 510	Immunology / 3 CR	Constantinides, Nemazee, Pipkin	1/2	3/22	Tu Th F	1200-1300 (Dining Room)	1500-1600 (C212)
STBIO 511	Structural Biology and Biophysics II / 3 CR	Lander, Lasker, Wilson	1/3	3/22	M W F	0930-1100 (Dining Room)	1230-1400 (C212)
TRBIO 410	Business of Biotechnology / 3 CR	Jalloh	1/3	3/22	M W	1315-1445 (Dining Room)	1615-1745 (C212)
TRBIO 450	Drug Discovery and Development / 3 CR	Scampavia, Spicer	1/3	3/22	M W	1130-1300 (Seminar Room)	1430-1600 (A116)
Course No.	Spring 2024	Professor(s)	Begins	Ends	Days	California	Florida
BIOL 531	Biophysics of Condensates - Function and Disease / 3 CR	Deniz, Lasker	4/2	6/21	Tu Th	1200-1330 (Dining Room)	1500-1630 (B214)
BIOL 540	Signal Transduction / 3 CR	Solt	4/1	6/21	M W	0945-1115 (Dining Room)	1245-1415 (A116)
CBB 510	Advanced Data Science / 3CR	Quer, Wu	4/2	6/21	Tu Th	1345-1515 (Dining Room)	1645-1815 (B214)
CHBIO 510	Chemical Biology II / 3 CR	Kodadek, Parker	4/1	6/21	M W F	1130-1230 (Dining Room)	1430-1530 (B214)
CHEM 421	Computational and Analytical Tools for Chemists / 3 CR	Engle	4/1	6/21	M W	0900-1030 (Keck)	1200-1330 (B214)
CHEM 450	Physical Organic Chemistry - Kinetics / 3 CR	Blackmond	4/2	6/21	Tu Th	1015-1145 (Dining Room)	1315-1445 (B214)

The Scripps Research Institute
Doctoral Program in Chemical and Biological Sciences
Course Schedule - Academic Year 2023-2024

COMM 431	Developing a Fellowship Proposal / 1 CR	TBD	7/1	10/25	See online calendar for times / locations		
IMS 530	Frontiers in Microbiology / 3 CR	Constantinides, Hang, Lasker, Racki	4/1	6/21	M W F	M F 1300-1430 (Dining Room) W (Committee Lecture Hall)	1600-1730 (B214)
NEURO 560	Concepts of Learning and Memory / 3 CR	Puthanveetil	4/2	6/21	Tu Th	1000-1130 (Large Conf Room)	1300-1430 (A116)
TRBIO 460	Molecular Medicine / 3 CR	Muse	4/2	6/21	Tu Th	0815-0945(Dining Room)	1115-1245 (A116)
<i>EVEN-STARTING ACADEMIC YEARS (i.e., 2022-23)</i>			<i>ODD-STARTING ACADEMIC YEARS (i.e., 2023-24)</i>				
Advanced Methods in Statistical Analysis-SP (Wineinger)	Neurobiology of Alcohol & Drug Addiction-FA (Mason, Zorrilla)	Advanced Data Science-SP (Quer, Wu)	Introduction to Data Science-FA (Bagsic)				
Applied Bioinformatics and Computational Biology-FA (Su)	Neurobiology of Disease-SP (Xu)	Biophysics of Condensates-SP (Deniz, Lasker)	Medicinal Chemistry-WI (Disney)				
Cancer Biology-SP (Felding, Janiszewska)	Organometallic Chemistry-SP (Engle)	Chemical Biology II-SP (Kodadek, Parker)	Molecular Medicine-SP (Muse)				
Clinical Study Design Workshop-FA (Nicholson)	Protein Folding in the Cell-SP (Deniz, Powers, Wiseman)	Clinical Investigation-FA (Nicholson)	Physical Organic Chemistry-Bonding & Reactivity-FA (Blackmond, Shenvi)				
Fundamentals of Scientific Computing-FA (Su)	Social & Behavioral Science Principles for Biomedical Research-WI (San Diego)	Concepts of Learning & Memory-SP (Puthanveetil)	Physical Organic Chemistry-Kinetics-SP (Blackmond)				
Genetics and Genomics-SP (Torkamani)	Virology-SP (Law, Martins)	Computational & Analytical Tools for Chemists-SP (Engle)	Signal Transduction-SP (Solt)				
Heterocyclic Chemistry-SP (Baran)	X-ray Crystallography-WI (Johnson)	Drug Discovery & Development-WI (Scampavia, Spicer)					
Natural Product Biosynthesis & Engineering-WI (Shen)		Frontiers in Microbiology-SP (Constantinides, Hang, Lasker, Racki)					
		Fundamentals of Neuroscience-FA (Maximov, Yi)					
			SUBJECT TO CHANGE Updated 7/12/2023				