The Scripps Research Institute
Skaggs Graduate School of Chemical and Biological Sciences
Suggested Coursework Based on Research Interests

BIOCHEMISTRY	CHEMICAL BIOLOGY	CHEMISTRY	COMPUTATIONAL BIOLOGY & BIOINFORMATICS	GENETICS & FUNCTIONAL GENOMICS	IMMUNOLOGY & MICROBIOLOGY	MOLECULAR & CELL BIOLOGY	MOLECULAR MEDICINE	NEUROSCIENCE	STRUCTURAL BIOLOGY & BIOPHYSICS	CLINICAL & TRANSLATIONAL SCIENCE
Core	**Core**	**Core**	**Core**	**Core**	**Core**	**Core**	**Core**	**Core**	**Core**	**Core**
Molecular Biology	Chemical Biology I	Modern Organic Synthesis	Introduction to Data Science	Genetics and Genomics	Introductory Immunology	Molecular Biology	Molecular Medicine	Fundamentals of Neuroscience	Structural Biology and Biophysics I	Clinical Investigation
Cell Biology	Chemical Biology II	Total Synthesis of Natural Products	Introduction to Biostatistics	Applied Bioinformatics and Computational Biology	Advanced Immunology	Cell Biology	Signal Transduction	Neurobiology of Alcohol and Drug Addiction	Structural Biology and Biophysics II	Drug Discovery and Development
Signal Transduction	Cell Biology	Physical Organic Chemistry - Kinetics	Applied Bioinformatics and Computational Biology	Molecular Medicine	Virology	Structural Biology and Biophysics I	Molecular Biology	Concepts of Learning and Memory	Molecular Biology	Molecular Medicine
Genetics and Genomics	Enzymology: Function, Kinetics & Mechanisms	Physical Organic Chemistry - Bonding and Reactivity	Genetics and Genomics	Cancer Biology	Frontiers in Microbiology	Structural Biology and Biophysics II	Chemical Biology I	Neurobiology of Disease	Cell Biology	Introduction to Data Science
		Computational and Analytical Tools for Chemists	Advanced Data Science		Molecular Biology	Biophysics of Condensates	Drug Discovery and Development	Synapse Biology	Biophysics of Condensates	Introduction to Biostatistics
			Advanced Methods in Statistical Analysis			Protein Folding in the Cell			Applied Bioinformatics and Computational Biology	
Elective	**Elective**	**Elective**	**Elective**	**Elective**	**Elective**	**Elective**	**Elective**	**Elective**	**Elective**	**Elective**
Molecular Medicine	Molecular Medicine	Heterocyclic Chemistry	Business of Biotechnology	Molecular Biology	Structural Biology and Biophysics I	Fundamentals of Neuroscience	Structural Biology and Biophysics I	Molecular Biology	Introduction to Biostatistics	Clinical Study Design Workshop
Protein Folding in the Cell	Introductory/Advanced Immunology	Organometallic Chemistry	Structural Biology and Biophysics I	Cell Biology	Structural Biology and Biophysics II	Molecular Medicine	Structural Biology and Biophysics II	Structural Biology and Biophysics I	Molecular Medicine	Applied Bioinformatics and Computational Biology
Biophysics of Condensates	Heterocyclic Chemistry	Natural Product Biosynthesis and Engineering	Structural Biology and Biophysics II	Fundamentals of Neuroscience	Molecular Medicine	Cancer Biology	Cell Biology	Structural Biology and Biophysics II	Protein Folding in the Cell	Advanced Data Science
Enzymology: Function, Kinetics & Mechanisms	Structural Biology and Biophysics I/II	Enzymology: Function, Kinetics & Mechanisms	Molecular Biology	Business of Biotechnology	Biophysics of Condensates	Introductory/Advanced Immunology	Fundamentals of Neuroscience	Molecular Medicine	Introductory Immunology	Advanced Methods in Statistical Analysis
Medicinal Chemistry	Medicinal Chemistry	Recent Advances in Stereoselective Chemistry	Cell Biology	Neurobiology of Alcohol and Drug Addiction		Virology	Medicinal Chemistry	Applied Bioinformatics and Computational Biology	Virology	Medicinal Chemistry
	Biophysics of Condensates	Chemical Biology I	Protein Folding in the Cell			Genetics and Genomics	Cancer Biology	Cell Biology	Enzymology: Function, Kinetics & Mechanisms	Molecular Biology
	Modern Organic Synthesis	Chemical Biology II	Biophysics of Condensates				Biophysics of Condensates	Biophysics of Condensates		Cell Biology
	Fundamentals of Neuroscience	Medicinal Chemistry					Enzymology: Function, Kinetics & Mechanisms	Genetics and Genomics		Cancer Biology
	Genetics and Genomics							Neurobiology of Disease		Genetics and Genomics
	Drug Discovery and Development									