# **DEPARTMENT OF CHEMISTRY & BIOCHEMISTRY LONG-RANGE SCHEDULE 2024-2027**

## **BIOCHEMISTRY COURSES**

Course	Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026	Summer 2026	Fall 2026	Spring 2027	Summer 2027
BCHE 5180/6180	TR 11:00-12:15a	MANA/E 11:00 11:E0a	MTWRF 1:00-2:30p	TR 11:00-12:15a	MANE 11:00 11:50a	MTWRF 1:00-2:30p	TR 11:00-12:15a	MANA/E 11:00 11:E0a	MTWRF 1:00-2:30p
Biochemistry I	MWF 8:00-8:50a	WWF 11.00-11.50a	WITWAF 1.00-2.50p	MWF 8:00-8:50a	IVIVVE 11.00-11.30d IV	1V11 VVIXI 1.00-2.30p	MWF 8:00-8:50a	1V1VV1 11.00-11.30a	1V11 VV NF 1.00-2.50p
BCHE 5181/6181									
Biochemistry I Lab	3+ Sections	3+ Sections		3+ Sections	3+ Sections		3+ Sections	3+ Sections	
BCHE 5190/6190	MWF 11:00-11:50a	MWF 10:00-10:50a		MWF 11:00-11:50a	MWF 10:00-10:50a		MWF 11:00-11:50a	MWF 10:00-10:50a	
Biochemistry II	WWF 11:00-11:50a	TR 11:00-12:15a		1V1VVF 11.00-11.30a	TR 11:00-12:15a		1V1VVF 11.00-11.30a	TR 11:00-12:15a	
BCHE 5191/6191	T 2:00-5:00p	M 1:00-3:50p		T 2:00-5:00p	M 1:00-3:50p		T 2:00-5:00p	M 1:00-3:50p	
Biochemistry II Lab	R 2:00-5:00p	T 1:00-3:50p		R 2:00-5:00p	T 1:00-3:50p		R 2:00-5:00p	T 1:00-3:50p	

#### **GENERAL CHEMISTRY COURSES (1000-LEVEL)**

Course	Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026	Summer 2026	Fall 2026	Spring 2027	Summer 2027
CHEM 1010 Survey of Chemistry I	TR 9:30-10:45a			TR 9:30-10:45a			TR 9:30-10:45a		
CHEM 1011 Survey of Chemistry I Lab	T 12:30-3:20p W 12:00-2:50p			T 12:30-3:20p W 12:00-2:50p			T 12:30-3:20p W 12:00-2:50p		
CHEM 1020 Survey of Chemistry II		MWF 9:00-9:50a			MWF 9:00-9:50a			MWF 9:00-9:50a	
CHEM 1021 Survey of Chemistry II Lab		T 12:30-3:15p T 3:30-6:15p			T 12:30-3:15p T 3:30-6:15p			Т 3:30-6:15р	
CHEM 1030 Fundamentals of Chemistry I	3+ Sections	3+ Sections	MTWRF 2:00-3:30p D01 Option Offered	3+ Sections	3+ Sections	MTWRF 2:00-3:30p D01 Option Offered	3+ Sections	3+ Sections	MTWRF 2:00-3:30p D01 Option Offered
CHEM 1031 Fundamentals of Chemistry I Lab	3+ Sections	3+ Sections	MW 9:30-12:20p TR 8:00-10:50a	3+ Sections	3+ Sections	MW 9:30-12:20p TR 8:00-10:50a	3+ Sections	3+ Sections	MW 9:30-12:20p TR 8:00-10:50a
CHEM 1040 Fundamentals of Chemistry II	3+ Sections	3+ Sections	MTWRF 11:30-1:00p D01 Option Offered	3+ Sections	3+ Sections	MTWRF 11:30-1:00p D01 Option Offered	3+ Sections	3+ Sections	MTWRF 11:30-1:00p D01 Option Offered
CHEM 1041 Fundamentals of Chemistry II Lab	3+ Sections	3+ Sections	TR 1:00a-3:50p MW 9:30a-12:20p	3+ Sections	3+ Sections	TR 1:00a-3:50p MW 9:30a-12:20p	3+ Sections	3+ Sections	TR 1:00a-3:50p MW 9:30a-12:20p
CHEM 1110 General Chemistry for Scientists I	MWF 11:00-11:50a			MWF 11:00-11:50a			MWF 11:00-11:50a		
CHEM 1111 General Chemistry for Scientists I Lab	3+ Sections			3+ Sections			3+ Sections		
CHEM 1117 Honors	MWF 11:00-11:50a			MWF 11:00-11:50a			MWF 11:00-11:50a		

General Chemistry I							
CHEM 1118							
Honors	3+ Sections		 3+ Sections		 3+ Sections		
General Chemistry I Lab							
CHEM 1120							
General Chemistry		MWF 10:00-10:50a	 	MWF 10:00-10:50a	 	MWF 10:00-10:50a	
for Scientists II							
CHEM 1121							
General Chemistry		3+ Sections	 	3+ Sections	 	3+ Sections	
for Scientists II Lab							
CHEM 1127							
Honors		MWF 11:00-11:50a	 	MWF 11:00-11:50a	 	MWF 11:00-11:50a	
General Chemistry II							
CHEM 1128							
Honors		3+ Sections	 	3+ Sections	 	3+ Sections	
General Chemistry II Lab							

#### **ORGANIC CHEMISTRY COURSES (2000-LEVEL)**

Course	Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026	Summer 2026	Fall 2026	Spring 2027	Summer 2027
CHEM 2030 Survey of Organic Chemistry		MWF 12:00-12:50p			MWF 12:00-12:50p			MWF 12:00-12:50p	
CHEM 2070 Organic Chemistry I	3+ Sections	MWF 11:00-11:50a	MWF 9:45a-11:15a	3+ Sections	MWF 11:00-11:50a	MWF 9:45a-11:15a	3+ Sections	MWF 11:00-11:50a	MWF 9:45a-11:15a
CHEM 2071 Organic Chemistry I Lab	3+ Sections	3+ Sections	TR 11:30a-2:20p TR 3:00-5:50p	3+ Sections	3+ Sections	TR 11:30a-2:20p TR 3:00-5:50p	3+ Sections	3+ Sections	TR 11:30a-2:20p TR 3:00-5:50p
CHEM 2077 Honors Organic Chemistry I	MWF 9:00-9:50a			MWF 9:00-9:50a			MWF 9:00-9:50a		
CHEM 2078 Honors Organic Chemistry I Lab	3+ Sections			3+ Sections			3+ Sections		
CHEM 2080 Organic Chemistry II	MWF 10:00-10:50a	3+ Sections	MWF 9:45-11:15a	MWF 10:00-10:50a	3+ Sections	MWF 9:45-11:15a	MWF 10:00-10:50a	3+ Sections	MWF 9:45-11:15a
CHEM 2081 Organic Chemistry II Lab	3+ Sections	3+ Sections	MW 11:30a-2:20p MW 3:00-5:50p	3+ Sections	3+ Sections	MW 11:30a-2:20p MW 3:00-5:50p	3+ Sections	3+ Sections	MW 11:30a-2:20p MW 3:00-5:50p
CHEM 2087 Honors Organic Chemistry II		MWF 9:00-9:50a			MWF 9:00-9:50a			MWF 9:00-9:50a	
CHEM 2088 Honors Organic Chemistry II Lab		T 3:30-6:20p W 12:00-2:50p			T 3:30-6:20p W 12:00-2:50p			T 3:30-6:20p W 12:00-2:50p	

### **UPPER LEVEL CHEMISTRY COURSES**

Course	Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026	Summer 2026	Fall 2026	Spring 2027	Summer 2027
CHEM 3000		D 42-20 4-45-			D 12-20 1-45-			T 42.20 4.45	
Chemical Literature		R 12:30-1:45p			R 12:30-1:45p			T 12:30-1:45p	
CHEM 3050	TR 9:30-10:45a	TR 9:30-10:45a		TR 9:30-10:45a	TR 9:30-10:45a		TR 9:30-10:45a	TR 9:30-10:45a	
Analytical Chemistry	TN 9.50-10.45a	TN 9.50-10.45a		TN 9.30-10.43a	TN 9.30-10.43a		TN 9.30-10.43a	TN 9.30-10.43a	
CHEM 3051	R 11:00-1:50p	R 11:00-1:50p		R 11:00-1:50p	R 11:00-1:50p		R 11:00-1:50p	R 11:00-1:50p	
Analytical Chemistry Lab	M 12:00-2:50p	T 11:00a-1:50p		M 12:00-2:50p	T 11:00a-1:50p		M 12:00-2:50p	T 11:00a-1:50p	
CHEM 3160	MWF 2:00-2:50p			MWF 2:00-2:50p			MWF 2:00-2:50p		
Survey of Physical Chemistry	2.00 2.00р			2.00 2.30р			2.00 2.30р		
CHEM 4070	MWF 9:00-9:50a			MWF 9:00-9:50a			MWF 9:00-9:50a		
Physical Chemistry I									
CHEM 4071	M 1:00-3:50p			M 1:00-3:50p			M 1:00-3:50p		
Physical Chemistry I Lab	R 1:00-3:50p			R 1:00-3:50p			R 1:00-3:50p		
CHEM 4080		TR 11:00-12:15p			TR 11:00-12:15p			TR 11:00-12:15p	
Physical Chemistry II		•			·			·	
CHEM 4081		W 9:00a-11:50a			W 9:00a-11:50a			W 9:00a-11:50a	
Physical Chemistry II Lab		R 1:00-3:50p			R 1:00-3:50p			R 1:00-3:50p	
CHEM 4100	MWF 8:00-8:50a			MWF 8:00-8:50a			MWF 8:00-8:50a		
Inorganic Chemistry	N/ 4 00 4 50			W 4.00 4.50			W 4 00 4 50		
CHEM 4101	W 1:00-4:50p			W 1:00-4:50p			W 1:00-4:50p		
Inorganic Chemistry Lab  CHEM 4110	T 1:00-4:50p			T 1:00-4:50p			T 1:00-4:50p		
Inorganic Chemistry II		TR 8:00-9:15a			TR 8:00-9:15a			TR 8:00-9:15a	
CHEM 4111									
Inorganic Chemistry II Lab									
CHEM 4130									
Instrumental Analysis		MW 4:00-5:15p			MW 4:00-5:15p			MW 4:00-5:15p	
CHEM 4131									
Instrumental Analysis Lab		M 11:00-1:50p			M 11:00-1:50p			M 11:00-1:50p	
CHEM 4950	F 1:00-1:50p (B)	F 12:00-12:50p (B)		F 1:00-1:50p (B)	F 12:00-12:50p (B)		F 1:00-1:50p (B)	F 12:00-12:50p (B)	
Formal Presentations in	T 4:00-5:00p (P)	T 4:00-4:50p (A)		T 4:00-5:00p (P)	T 4:00-4:50p (A)		T 4:00-5:00p (P)	T 4:00-4:50p (A)	
Modern Chemistry	T 2:00-3:00p (A)	T 2:00-2:50p (P)		T 2:00-3:00p (A)	T 2:00-2:50p (P)		T 2:00-3:00p (A)	T 2:00-2:50p (P)	
<b>.</b>	F 12:00-12:50p (O)	F 2:00-2:50p (O)		F 12:00-12:50p (O)	F 2:00-2:50p (O)		F 12:00-12:50p (O)	F 2:00-2:50p (O)	
	M 12:00-12:50p (I)	M 12:00-12:50p (I)		M 12:00-12:50p (I)	M 12:00-12:50p (I)		M 12:00-12:50p (I)	M 12:00-12:50p (I)	
CHEM 5200/6200	(i)				(I)				
Python Programing		TR 12:30-1:45p						TR 12:30-1:45p	
in Chemistry									
CHEM 5280/6280	MWF 9:00-9:50a			MWF 9:00-9:50a			MWF 9:00-9:50a		
Computational Chemistry	F 12:00-12:50p			F 12:00-12:50p			F 12:00-12:50p		
CHEM 5450/6450				1			1/2		
Computational Chemistry		TR 2:00 - 3:15p			TR 2:00 - 3:15p			TR 2:00 - 3:15p	

## **GRADUATE LEVEL CHEMISTRY & BIOCHEMISTRY COURSES**

Course	Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026	Summer 2026	Fall 2026	Spring 2027	Summer 2027
BCHE 7200 Advanced Biochemistry I				TR 9:30-10:45a					
BCHE 7220									

Principles of Cellular and Molecular Enzymology			 		 		
BCHE 7230 Biochemistry of Macromolecules			 		 		
BCHE 7270 Biochemistry of Macromolecules	TR 9:30-10:45a		 	TR 9:30-10:45a	 TR 9:30-10:45a		
BCHE 7280 Biochemistry of Macromolecules		TR 9:30-10:45a	 		 	TR 9:30-10:45a	
CHEM 7100 Advanced Inorganic Chemistry	TR 9:30-10:45a		 TR 9:30-10:45a		 TR 9:30-10:45a		
CHEM 7110 Physical Methods in Inorganic Chemistry		TR 8:00-9:15a			 	TR 8:00-9:15a	
CHEM 7120 Organometallic Chemistry			 	MWF 8:00-8:50a	 		
CHEM 7160 Advanced Topics in Inorganic Chemistry	TR 12:30-1:45p	MWF 8:00-8:50a	 	MWF 11:00-11:50a	 TR 12:30-1:45p	MWF 8:00-8:50a	
CHEM 7200 Physical Organic Chemistry	MWF 10:00-10:50a		 MWF 10:00-10:50a		 MWF 10:00-10:50a		
CHEM 7210 Structure Elucidation of Organic Compounds		TR 9:30-10:45a	 		 	TR 9:30-10:45a	
CHEM 7220 Organic Reactions	TR 11:00-12:15p		 TR 11:00-12:15p		 TR 11:00-12:15p		
CHEM 7230 Complex Molecule Synthesis			 	TR 9:30-10:45a	 		
CHEM 7260 Special Topics in Organic Chemistry			 		 		
CHEM 7270 Supramolecular Chemistry: Synthesis, Structures, and Applications			 		 		
CHEM 7300 Advanced Physical Chemistry	TR 8:00-9:15a		 TR 8:00-9:15a		 TR 8:00-9:15a		
CHEM 7330 Chemical Kinetics		MWF 9:00-9:50a	 	MWF 9:00-9:50a	 	MWF 9:00-9:50a	
CHEM 7350  Quantum and Statistical  Mechanics		TR 9:30-10:45a	 	TR 9:30-10:45a	 	TR 9:30-10:45a	
CHEM 7370 Special Topics in Physical Chemistry	TR 9:30-10:45a		 TR 9:30-10:45a		 TR 9:30-10:45a		
CHEM 7380  Molecular Spectroscopy		TR 8:00-9:15a	 	TR 8:00-9:15a	 	TR 8:00-9:15a	

CHEM 7410 A DBER Approach to Teaching and Learning in Chemistry			 		 		
CHEM 7500 Advanced Analytical Chemistry	MWF 11:00-11:50a		 MWF 11:00-11:50a		 MWF 11:00-11:50a		
CHEM 7510 Electroanalytical Chemistry			 		 		
CHEM 7530 Advances in Bioanalytical Chemistry			 	MWF 10:00-10:50a	 		
CHEM 7550 Photo and Electrochemistry			 	MWF 10:00-10:50a	 		
CHEM 7560 Mass Spectrometry		MWF 10:00-10:50a	 		 	MWF 10:00-10:50a	
CHEM 7750 Formal Presentations in Modern Chemistry	F 1:00-1:50p (B) T 4:00-5:00p (P) T 2:00-3:00p (A) F 12:00-12:50p (O) M 12:00-12:50p (I)	F 12:00-12:50p (B) T 4:00-4:50p (A) T 2:00-2:50p (P) F 2:00-2:50p (O) M 12:00-12:50p (I)	 F 1:00-1:50p (B) T 4:00-5:00p (P) T 2:00-3:00p (A) F 12:00-12:50p (O) M 12:00-12:50p (I)	F 12:00-12:50p (B) T 4:00-4:50p (A) T 2:00-2:50p (P) F 2:00-2:50p (O) M 12:00-12:50p (I)	 F 1:00-1:50p (B) T 4:00-5:00p (P) T 2:00-3:00p (A) F 12:00-12:50p (O) M 12:00-12:50p (I)	F 12:00-12:50p (B) T 4:00-4:50p (A) T 2:00-2:50p (P) F 2:00-2:50p (O) M 12:00-12:50p (I)	
CHEM 7950 Seminar	M 4:00-4:50p R 3:30-5:00p	R 3:30-5:00p	 M 4:00-4:50p R 3:30-5:00p	R 3:30-5:00p	 M 4:00-4:50p R 3:30-5:00p	R 3:30-5:00p	

#### **LABORATORY SCIENCES COURSES**

Course	Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026	Summer 2026	Fall 2026	Spring 2027	Summer 2027
LBSC 2010 Basics in Laboratory Sciences	Lecture M 1:00 - 1:50p Lab W 1:00 - 2:50p			Lecture M 1:00 - 1:50p Lab W 1:00 - 2:50p			Lecture M 1:00 - 1:50p Lab W 1:00 - 2:50p		
LBSC 4010 Hematology	MWF 10:00 - 10:50a		TBA	MWF 10:00 - 10:50a		TBA	MWF 10:00 - 10:50a		ТВА
LBSC 4011 Heamtology Lab	TR 8:00 - 10:45a TR 12:00 - 2:45p			TR 8:00 - 10:45a TR 12:00 - 2:45p			TR 8:00 - 10:45a TR 12:00 - 2:45p		
LBSC 4050 Clinical Immunohematology & Parasitology		Lecture MWF 10:00 - 10:50a Lab TR 8:00 - 10:45a			Lecture MWF 10:00 - 10:50a Lab TR 8:00 - 10:45a			Lecture MWF 10:00 - 10:50a Lab TR 8:00 - 10:45a	
LBSC 4250 Clinical Biochemistry & Instrucmentation		Lecture MW 1:00 - 2:15p Lab R 11:00 - 1:45p			Lecture MW 1:00 - 2:15p Lab R 11:00 - 1:45p			Lecture MW 1:00 - 2:15p Lab R 11:00 - 1:45p	
LBSC 4910 Internship	Offered	Offered	Offered	Offered	Offered	Offered	Offered	Offered	Offered
LBSC 4920 Internship	Offered	Offered	Offered	Offered	Offered	Offered	Offered	Offered	Offered