

Expected 3-year Course Schedule for Biochemistry & Biotechnology Majors

Projected schedules are tentative and subject to change

This chart includes classes frequently taken by BCBT students; not all students will take all classes.

Please see an advisor for more information on your degree program.

		Fall 2017	Spring 2018	Fall 2018	Spring 2019	Fall 2019	Spring 2020	
Chemistry core classes								
Chem 1111	Intro Chem I	D, E	D	D, E	D	D, E	D	*
Chem 1121	Intro Chem II	D	D, E	D	D, E	D	D, E	*
Chem 2223	Quant Analysis	D	E	D	E	D	E	*
Chem 2612	Organic Chem I	D	E	D	E	D	E	*
Chem 2622	Organic Chem II	E	D	E	D	E	D	*
Chem 2633	Organic Chem Lab	D, E	D	D, E	D	D, E	D	
Chem 3302	P Chem - Life Sciences		E		E		E	
Biology core classes								
Biol 1831	Intro Biol	D	E	D	E	D	E	
Biol 2012	Genetics	D	E	D	E	D	E	
Biol 2013	Genetics Lab	D	D, E	D	D, E	D	D, E	
Biol 2482	Microbiology		D		D		D	
Biol 2483	Microbiology Lab		D, E		D, E		D, E	
Biol 3622	Cell Biology	D	OL	D	OL	D	OL	**
Math/Physics core classes								
Math 1030	College Algebra	D, E	D, E	D, E	D, E	D, E	D, E	*
Math 1035	Trigometry	D, E	D, OL	D, E	D, OL	D, E	D, OL	*
Math 1100	Basic Calculus	D, E, OL	D, E, OL	D, E, OL	D, E, OL	D, E, OL	D, E, OL	*
Math 1800	Analyt Geo and Calc	D, E	D, E	D, E	D, E	D, E	D, E	*
Physics 1011	Basic Physics I	D	E	D	E	D	E	*
Physics 1012	Basic Physics II	E	D	E	D	E	D	*
BCBT core classes - undergraduate students								
Biol 4602	Molecular Biol		D		D		D	
Biol 4608	Synthetic Biol			E		E		

Biol 4614	Biotech Lab I		D, E		D, E		D, E	
Chem 4712	Biochemistry I	E	D	E	D	E	D	*
Chem 4722	Biochemistry II		E		E		E	
Chem 4733	Biochemistry Lab			D		D		
Biol/Chem 4797	BCBT Senior Seminar	D	D	D	D	D	D	

BCBT core classes - graduate students

Biol 5436	Applied Bioinformatics	E				E		
Biol 6602	Advanced Mol Biol		E		E		E	
Biol 6608	Synthetic Biol			E		E		
Biol 6615	Biotech Lab II		D		E		D	
Biol 6889	Graduate Seminar	E	E	E	E	E	E	
Chem 5722	Biochemistry II		E		E		E	
Chem 5774	Bioinformatics		E	E			E	

BCBT electives

Biol 3699	BCBT Internship	arr	arr	arr	arr	arr	arr	
Biol 4442/6442	Developmental Biology				E			
Biol 4550	Bacterial Pathogenesis	E		E		E		
Biol 4602	Molecular Biol		D		D		D	
Biol 4608/6608	Synthetic Biol			E		E		
Biol 4622/6622	Cellular Basis of Disease		E				E	
Biol 4632/6632	Nucl Acids Str Function			E				
Biol 4642/6642	Plant Mol Biol Gen Eng	E				E		
Biol 4652/6652	Virology		E		E		E	
Biol 4842	Immunobiology	E		E		E		
Biol 4920	Selected topics	arr	arr	arr	arr	arr	arr	
Biol 5079	Mole Cell Journal Club	D	D	D	D	D	D	
Biol 6602	Advanced Mol Biol		E		E		E	
Biol 6615	Biotech Lab II		D		E		D	
Biol 6699	BCBT Internship	arr	arr	arr	arr	arr	arr	
Biol 6889	Graduate Seminar	E	E	E	E	E	E	^
Biol 6920	Advanced Genetics			E				
Biol 6920	Selected topics	arr	arr	arr	arr	arr	arr	^

Chem 3643	Adv Organic Chem Lab			E		E	D	
Chem 4772/5772	Physical Biochem	E		E		E		
Chem 5694	Spec Top Organic Chem	arr	arr	arr	arr	arr	arr	^
Chem 5794	Protein Aggreg Folding				E			
Chem 5794	Bioinorganic Chem					E		
Chem 5794	Biological Mass Spec		E				E	
Chem 6787	Problem Sem Biochem	D	D	D	D	D	D	

Numerous Biology and Chemistry Research opportunities are available every semester (Biology 4905, Biology 6905, Chem 3905, Chem 6905)

D = day course

E = evening course

arr = times to be arranged

OL = online

* also offered in many summer sessions

** also offered online in many summer sessions

^ only selected sections are applicable

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