

## What might the **Biochemistry** track look like for a student placed into Math 121 and Chem 155?

Sample schedules showing the MINIMUM required courses for a BCBP **Biochemistry** track student  
BCBP **Biochemistry** major requires a min of 10 labs; doubling up on labs at least two semesters will be necessary

### Important notes:

these are just samples; more combinations are possible to suit your specific interests

\* BIOL 291 or 371 can be replaced with any 200/300 level BIOL course

# PHYS 230 can be replaced with CHEM 361 (both offered only in spring)

PHYS 116/117 can be replaced with PHYS 123/124 (but 123 is only offered in Fall and 124 is only offered in spring)

DEI course requirement is not shown, and can be added to any semester below

### Characteristics of this schedule

lab load  
fall-spring

Student C1		FALL		SPRING		
frontload chem spring athlete	1st yr	CHEM 155		CHEM 165	MATH 121	1-1
	soph	CHEM 221	BIOL 191	CHEM 231		2-1
	junior	BIOL 371*	PHYS 116	BIOL 291*		2-1
	senior	BCBP 331	PHYS 117	PHYS 230 #	BCBP 400	2-0

Student C2		FALL		SPRING		
frontload bio semester abroad	1st yr	CHEM 155		CHEM 165	BIOL 191	1-2
	soph	BIOL 371*	MATH 121	BIOL 291*	CHEM 221	1-2
	junior	CHEM 231	PHYS 116	<i>abroad</i>	<i>abroad</i>	2-0
	senior	BCBP 331	PHYS 117	PHYS 230 #	BCBP 400	2-0

Student C3		FALL		SPRING		
frontload physics	1st yr	CHEM 155	PHYS 116	CHEM 165	PHYS 117	2-2
	soph	BIOL 191	MATH 121	PHYS 230 #	BIOL 291*	1-1
	junior	CHEM 221	BIOL 371*	CHEM 231		2-1
	senior	BCBP 331		BCBP 400		1-0

Student C4		FALL		SPRING		
frontload BCBP breadth keep sr year open	1st yr	CHEM 155	MATH 121	CHEM 165	BIOL 191	1-2
	soph	PHYS 116	BIOL 371*	PHYS 117	BIOL 291*	2-2
	junior	CHEM 221		CHEM 231	PHYS 230 #	1-1
	senior	BCBP 331		BCBP 400		1-0

Student C5		FALL		SPRING		
frontload biochem semester abroad	1st yr	CHEM 155	MATH 121	CHEM 165	BIOL 191	1-2
	soph	CHEM 221	BIOL 371*	CHEM 231	BIOL 291*	2-2
	junior	BCBP 331	PHYS 116	<i>abroad</i>	<i>abroad</i>	2-0
	senior	PHYS 117		PHYS 230 #	BCBP 400	1-0

Student C6		FALL		SPRING		
undecided Bio/BCBP	1st yr	CHEM 155	BIOL 181	CHEM 165	BIOL 191	2-2
	soph	BIOL 371*		BIOL 291*	MATH 121	1-2
	junior	CHEM 221		CHEM 231	PHYS 116	2-1
	senior	BCBP 331	PHYS 117	PHYS 230 #	BCBP 400	2-0

### Additional Recommendations:

- 1) take chem 155 and chem 165 in first year
- 2) decide whether you want to next add on Biology or Physics (either can be started in first year OR sophomore year)
- 3) decide when you are ready for a double lab load (first year spring? Sophomore fall? Sophomore spring?)
- 4) decide if you want to start Organic Chemistry in your sophomore fall/spring or junior fall
- 5) take your favorite classes early on (so you have a 2nd chance in case you can't get in or they are cancelled)  
the classes you take early on open up advanced classes/research opportunities/summer internships in those areas
- 6) if you are interested in a thesis, take courses in areas of potential thesis interest so that you build skills by senior year