

What might the **Biochemistry** track look like for a student placed into Math 111 and Chem 151?

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

If placed into CHEM 155, replace CHEM 151/161 with CHEM 155/165, but 155 is only offered in fall and 165 only in spring

Characteristics of this schedule

lab load
fall-spring

		FALL		SPRING		
Student B1						
frontload chem	1st yr	CHEM 151	MATH 111	CHEM 161	MATH 121	1-1
spring athlete	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

		FALL		SPRING		
Student B2						
frontload bio	1st yr	CHEM 151	MATH 111	CHEM 161	BIOL 191	1-2
semester abroad	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

		FALL		SPRING		
Student B3						
frontload physics	1st yr	CHEM 151	MATH 111	CHEM 161	PHYS 116	1-2
minimize lab doubling	soph	PHYS 117	MATH 121	PHYS 230 #	BIOL 191	1-1
	junior	CHEM 221	BIOL 371*	CHEM 231		2-1
	senior	BCBP 331		BIOL 291*	BCBP 400	1-1

		FALL		SPRING		
Student B4						
frontload BCBP breadth	1st yr	CHEM 151	MATH 111	CHEM 161	BIOL 191	1-2
keep sr year open	soph	PHYS 116	MATH 121	PHYS 117	BIOL 291*	1-2
	junior	CHEM 221	BIOL 371*	CHEM 231	PHYS 230 #	2-2
	senior	BCBP 331		BCBP 400		0-0

		FALL		SPRING		
Student B5						
frontload biochem	1st yr	CHEM 151	MATH 111	CHEM 161	BIOL 191	1-2
semester abroad	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	MATH 121	PHYS 230 #	BCBP 400	1-0

		FALL		SPRING		
Student B6						
undecided Bio/BCBP	1st yr	BIOL 181	MATH 111	CHEM 151	MATH 121	1-1
	soph	CHEM 161	BIOL 191	BIOL 291*	PHYS 116	2-2
	junior	CHEM 221	BIOL 371*	CHEM 231	BIOL	2-2
	senior	BCBP 331	PHYS 117	PHYS 230 #	BCBP 400	2-0

Additional Recommendations:

- 1) take chem 151 and chem 161 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