

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

Sample schedules showing the MINIMUM required courses for a BCBP **Biophysics** track student

Organic Chemistry and Biochemistry are not required; though they can fulfil the "BCBP elective" requirement

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

consult full listings to see options for MATH/STATS requirement

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 below (note 155 is only offered in fall and 165 only in spring)

Characteristics of this schedule

lab load
fall-spring

Student H1		FALL		SPRING		lab load fall-spring	
frontload math&physics minimum double lab	1st yr	CHEM 151	MATH 111	CHEM 161	MATH 121		1-1
	soph	PHYS 116	MATH/STATS	PHYS 117	BIOL 191		1-2
	junior	PHYS 225/CHEM 351	BIOL 371*	PHYS 230/CHEM 361	BIOL 291*		2-1
	senior	BCBP elective		BCBP 400			1-0

Student H2		FALL		SPRING		lab load fall-spring	
frontload bio semester abroad	1st yr	CHEM 151	MATH 111	CHEM 161	BIOL 191		1-2
	soph	BIOL 371*	MATH 121	BIOL 291*	PHYS 116		1-2
	junior	BCBP elective	PHYS 117	<i>abroad</i>	<i>abroad</i>		2-0
	senior	PHYS 225/CHEM 351	MATH/STATS	PHYS 230/CHEM 361	BCBP 400		1-0

Student H3		FALL		SPRING		lab load fall-spring	
frontload physics double labs in 1st yr	1st yr	CHEM 151	PHYS 116	CHEM 161	PHYS 117		2-2
	soph	MATH 111	BIOL 191	MATH 121	BIOL 291*		1-1
	junior	PHYS 225/CHEM 351	BIOL 371*	PHYS 230/CHEM 361			2-0
	senior	BCBP elective	MATH/STATS	BCBP 400			1-0

Student H4		FALL		SPRING		lab load fall-spring	
frontload BCBP breadth keep sr year open	1st yr	CHEM 151	MATH 111	CHEM 161	BIOL 191		1-2
	soph	PHYS 116	MATH 121	PHYS 117	BIOL 291*		1-2
	junior	BCBP elective	BIOL 371*	PHYS 230/CHEM 361	MATH/STATS		2-0
	senior	PHYS 225/CHEM 351		BCBP 400			1-0

Student H5		FALL		SPRING		lab load fall-spring	
with Organic Chem	1st yr	CHEM 151	MATH 111	CHEM 161	BIOL 191		1-2
	soph	CHEM 221	BIOL 371*	CHEM 231	PHYS 116		2-2
	junior	PHYS 117	MATH 121	PHYS 230/CHEM 361	BIOL 291*		1-2
	senior	PHYS 225/CHEM 351	MATH/STATS	BCBP 400			1-0

Student H6		FALL		SPRING		lab load fall-spring	
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	PHYS 117	BIOL 371*	PHYS 230/CHEM 361	BCBP elective		2-1
	senior	PHYS 225/CHEM 351	MATH/STATS	BCBP 400			1-0

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) 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
- 4) if you are interested in a thesis, take courses in areas of potential thesis interest so that you build skills by senior year