

BIOCHEMISTRY MAJOR: Suggested Major Requirements Semester Schedule for Freshman (U1) through Senior (U4)

Work with an academic advisor to incorporate University SBC Requirements into your schedule

Refer to Undergraduate Catalogue for detailed Degree requirements: <https://catalog.stonybrook.edu/index.php?catoid=8>

Additional BCH major information can be found at: <https://www.stonybrook.edu/commcms/biochem/education/undergrad/index.php>

Past scheduling of BIO courses can be found on the Division of Undergraduate Biology website:

<https://www.stonybrook.edu/commcms/biology/advising/Registration.php>

OPTIONS depending on math and chemistry background	Summer U0	Fall U1 Sem 1	Spring U1 Sem 2	Su U1/U2	Fall U2 Sem 1	Spring U2 Sem 2	Summer U2/U3	Fall U3 Sem 1	Spring U3 Sem 2	Su U3/U4	Fall U4 Sem 1	Spring U4 Sem 1	Summer U4+
Option 1 MPL 9 or AP calculus B/C 4/5 AP chemistry 4/5		BIO 201* CHE 152 CHE 154	BIO 202* CHE 331 CHE 383		CHE 332 BIO 203* BIO 204\$ BIO 458\$	BIO 205/207# BIO elective or BCH upper-level requirement		PHY 121 BIO 361 BIO 365@ BIO 459@	PHY 122 BIO 362 BIO 320		BIO elective (need 2)	CHE 312% BIO 310	
Option 2 MPL 7-8 or AP calculus A/B 4/5 AP chemistry 4/5		MAT 132 CHE 152 CHE 154 BIO 201	BIO 202* CHE 331 CHE 383		CHE 332 BIO 203* BIO 204\$ BIO 458\$	BIO 205/207# BIO elective or BCH upper-level requirement		PHY 121 BIO 361 BIO 365@ BIO 459@	PHY 122 BIO 362 BIO 320		BIO elective (need 2)	CHE 312% BIO 310	
Option 3 MPL 5-6 and AP Chemistry 4/5		MAT 131 CHE 152 CHE 154 BIO 201	MAT 132 CHE 331 CHE 383 BIO 202*		CHE 332 BIO 203* BIO 204\$ BIO 458\$	BIO 205/207# BIO elective or BCH upper-level requirement		PHY 121 BIO 361 BIO 365@ BIO 459@	PHY 122 BIO 362 BIO 320		BIO elective (need 2)	CHE 312% BIO 310	
Option 4 MPL 5-6		MAT 131 CHE 131 CHE 133	MAT 132 CHE 132 CHE 134 BIO 201*		CHE 321 CHE 327 BIO 202* BIO 204\$ BIO 458\$	CHE 322 BIO 203* BIO 205/207#		PHY 121 BIO 361 BIO 365@ BIO 459@	PHY 122 BIO 362 BIO 320		BIO elective BIO elective (need 2)	CHE 312% BIO 310	
Option 5 MPL 4		MAT 125 CHE 131 CHE 133	MAT 126 CHE 132 CHE 134 BIO 201*		MAT 127 CHE 321 BIO 202* BIO 204\$ BIO 458\$	CHE 322 CHE 327 BIO 203* BIO 205/207#		PHY 121 BIO 361 BIO 365@ BIO 459@	PHY 122 BIO 362 BIO 320		BIO elective BIO elective (need 2)	CHE 312% BIO 310	
Option 6 MPL 3 If MPL 2+ then take MAT 123 + MAT 119 MPL < 2+ MAP 103 su		MAT 123 CHE 129 CHE 130 CHE 133	MAT 125 CHE 132 CHE 134 BIO 201*		MAT 126 CHE 321 BIO 202* BIO 204\$ BIO 458\$	MAT 127 CHE 322 BIO 203* BIO 205/207#		PHY 121 BIO 361 BIO 365@ BIO 459@	PHY 122 BIO 362 BIO 320		CHE 327 BIO elective BIO elective (need 2)	CHE 312% BIO 310	

*BIO 201, 202, and 203 may be taken in any order. However, BIO 201 is a recommended start as a starting point with BIO 203 last; strong students can take BIO 201 Fall Freshman year

\$To satisfy SPK, students must concurrently register for BIO 204 and BIO 458 (zero credits) Speak Effectively in Biology. Late registration is not permitted.

Either BIO 205 or BIO 207 may be taken to satisfy the second introductory lab requirement.

@To satisfy WTRD, Students must concurrently register for BIO 365 and BIO 459 Write Effectively in Biology. Late registration is not permitted

%Either CHE 312 (spring) or CHE 301 (fall) can satisfy physical chemistry requirement. However, CHE 301 has Calculus III or Linear Algebra pre-requisite and very limited enrollment space for BCH majors.