

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

(Math Placement Level (MPL) and Chemistry background of the entering student determines the schedule)

A complete description of the undergraduate requirements and approved electives can be obtained in the Undergraduate Bulletin

<http://sb.cc.stonybrook.edu/bulletin/current/academicprograms/bch/>

Examples	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 ² BIO 458	BIO 205/207 ¹ BIO elective		PHY 121 BIO 361 BIO 365 BIO 459 ³	PHY 122 BIO 362 BIO 320		BIO elective	CHE 312 ⁴ 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 ² BIO 458	BIO 205/207 ¹ BIO elective		PHY 121 BIO 361 BIO 365 BIO 459 ²	PHY 122 BIO 362 BIO 320		BIO elective ³	CHE 312 ⁴ 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 ² BIO 458	BIO 205 ¹ BIO elective		PHY 121 BIO 361 BIO 365 BIO 459 ³	PHY 122 BIO 362 BIO 320		BIO elective ³	CHE 312 ⁴ 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 203* BIO 204 BIO 458 ²	CHE 322 BIO 202* BIO 205/207 ¹		PHY 121 BIO 361 BIO 365	PHY 122 BIO 362 BIO 320		BIO elective BIO elective ³	CHE 312 ⁴ 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 203* BIO 204 BIO 458 ²	CHE 322 CHE 327 BIO 202* BIO 205/207 ¹		PHY 121 BIO 361 BIO 365 BIO 459 ³	PHY 122 BIO 362 BIO 320		BIO elective BIO elective ³	CHE 312 ⁴ BIO 310	
Option 6 MPL 3 If >3 then take MAP 103 in summer U0		MAT 123 CHE 129 CHE 130 CHE 133	MAT 125 CHE 132 CHE 134 BIO 201*		MAT 126 CHE 321 BIO 203* BIO 204 BIO 458 ²	MAT 127 CHE 322 BIO 202* BIO 205/207 ¹		PHY 121 BIO 361 BIO 365 BIO 459 ³	PHY 122 BIO 362 BIO 320		CHE 327 BIO elective BIO elective ³	CHE 312 ⁴ BIO 310	

^{*} BIO 201, 202, and 203 may be taken in any order; strong students can take BIO 201 Fall Freshman year

¹ Either BIO 205 or BIO 207 may be taken to satisfy the second introductory lab requirement.

² To satisfy SPK, students should concurrently register for BIO 458 (zero credits) Speak Effectively in Biology and BIO 204.

³ to satisfy WTRD, students should concurrently register for BIO 459 (zero credits) Write Effectively in Biology and BIO 365.

⁴ Either CHE 312 (spring) or CHE 301 (fall) may be taken to satisfy physical chemistry requirement. However there is very limited space in Fall CHE 301 for BCH majors.