

Sample Premedical Schedule:

Biochemistry Major

4-Year Option – Glide Year (Premed Courses Bolded)

Year	Fall	Spring	Credits
1	CHEM 121 + 123 BIOL 115 MLL	CHEM 124 + 126 BIOL 116 MLL	4.0
2	BIOL 263 BIOL 109 MATH ENGL	CHEM 231 + 233 BIOL 110 MATH ENGL	4.0
3	CHEM 232 + 234 ADV CHEM (335) Social Science Fine Art	CHEM 256 ADV CHEM/BIOL Lab ADV CHEM Lab (371) Social Science	4.25
4	PHYS + Lab ADV CHEM/BIOL Lab CHEM 475 Elective	PHYS + Lab ADV CHEM/BIOL Lab Fine Art ADV CHEM (341)	4.0 MCAT

Degree Audit:

Major - Yes

Credits Total (16) – 16.25

Credits Outside Major Department (9 or 7) – 8 (if electives are not CHEM or BIOL classes)

Distribution (1.0 in each, FA, HU, SS, NS) - Yes

Foreign Language – Yes

QR - Yes

Notes: This schedule assumes that the student needs to meet the language requirement. If they have met that requirement, additional electives would take their place. This schedule also assumes that the student did not have an AP 4/5 in Biology. If they did have an AP 4/5 in biology they could start with BIOL 116 and select another relevant biology course to satisfy premed requirements and prepare for the MCAT. This schedule assumes the student did not have an AP 4/5 in Chemistry. If they did have an AP 4/5 in Chemistry the accelerated chemistry sequence could be elected (starting with CHEM 122 + 123).

Sample Premedical Schedule:

Biochemistry Major (Required Courses for major in red)

3-Year Option – No Glide Year (Premed Courses Bolded)

Year	Fall	Spring	Credits
1	CHEM 122 + 123 BIOL 115 +109 ENGL	CHEM 231 + 233 BIOL 116 + 110 ENGL	4.0
2	CHEM 232 + 234 BIOL 263 MATH Social Science	CHEM 256 ADV CHEM Lab (371) MATH Social Science	4.0
3	ADV CHEM (335) ADV CHEM Lab PHYS + Lab Elective	ADV BIOL or CHEM Lab PHYS + Lab Elective Fine Art	4.0 MCAT
4	ADV CHEM (243) CHEM 475 Fine Art Elective	ADV CHEM (341) ADV BIOL or CHEM Lab Elective Elective	4.0

Degree Audit:

Major - Yes

Credits Total (16) – 16

Credits Outside Major Department (9 or 7) – 8 (if electives are not CHEM or BIOL classes)

Distribution (1.0 in each, FA, HU, SS, NS) - Yes

Foreign Language – No (assumes student is proficient on arrival)

QR - Yes

Notes: This schedule assumes that the student does not need to meet the language requirement. This schedule also assumes that the student did not have an AP 4/5 in Biology. If they did have an AP 4/5 in biology they could start with BIOL 116 and select another relevant biology course to satisfy premed requirements and prepare for the MCAT. This schedule assumes that the student enters Kenyon with a Chemistry AP score of 4/5 or is qualified to enter CHEM 122 and given permission by the instructor.

Descriptive Suggestions for Biochemistry Majors

- Because behavioral science is covered on the MCAT, selecting appropriate sociology and psychology courses is recommended. (See "[Course Requirements and Recommendations](#)" for a current list of appropriate courses)
- The Scientific Inquiry and Reasoning Skills section of the MCAT requires students to both demonstrate their knowledge and facility with concepts and principles with which they should be familiar and to interpret data/patterns in data presented on the exam that will likely be unfamiliar. Good classes to prepare for this section involve engagement with and analysis of data presented in the primary literature. Many advanced science courses would be helpful to prepare for this section including the following chemistry courses: CHEM 256, CHEM 370, CHEM 401, and CHEM 475.
- MATH 112 is strongly suggested prior to enrolling in CHEM 335.