

Sample Premedical Schedule:

Chemistry Major

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

Year	Fall	Spring	Credits
1	CHEM 121 + 123 BIOL 115 + 109 MLL	CHEM 124 + 126 BIOL 116 + 110 MLL	4.5
2	CHEM 243 MATH ENGL Elective	CHEM 231 + 233 MATH ENGL Fine Art	4.25
3	CHEM 232 + 234 ADV CHEM (335) Social Science Elective	CHEM 256 ADV CHEM Lab Social Science Fine Art	4.0
4	ADV CHEM Lab CHEM 475 PHYS + Lab Elective	ADV CHEM (401/336) ADV CHEM (341) ADV CHEM Lab PHYS + Lab	4.0 MCAT

Degree Audit:

Major - Yes – Chemistry

Credits Total (16) – 16.75

Credits Outside Major Department (9 or 7) – 10 (if electives are not CHEM 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.

Sample Premedical Schedule:

Chemistry 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 MLL	CHEM 231 + 233 BIOL 116 MLL	4
2	CHEM 232 + 234 BIOL 109 MATH ENGL	CHEM 256 BIOL 110 MATH ENGL	4.25
3	ADV CHEM (335) ADV CHEM Lab PHYS + Lab Social Science	ADV CHEM (401/336) ADV CHEM Lab PHYS + Lab Social Science	4 MCAT
4	ADV CHEM (243) CHEM 475 Fine Art Elective	ADV CHEM (341) ADV CHEM Lab Fine Art Elective	3.75

Degree Audit:

Major Requirements Met? - Yes

Credits Total (16) – 16

Credits Outside Major Department (9 or 7) – 9 (if electives are not CHEM 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 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 Chemistry 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.
- It would be useful for premed chemistry majors to select CHEM 371 (Advanced Lab: Biochemistry) as one of their advanced labs.