

Sample Premedical Schedule:

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

Physics Major (Required Courses in Red)

| Year | Fall | Spring | Credits |
|------|--|---|---------------------|
| 1 | PHYS 140 + 141 BIOL 115 + 109 MATH | PHYS 145 + 146 BIOL 116 + 110 MATH | 4.0 |
| 2 | PHYS 240 + 241 CHEM 121 + 123 ENGL | PHYS 245 PHYS 270 CHEM 124 + 126 ENGL | 4.25 |
| 3 | ADV PHYS Lecture ADV PHYS Lab Social Science Fine Art Math 224 | ADV PHYS Lecture ADV PHYS Lab CHEM 231 + 233 Social Science | 4.25 |
| 4 | ADV PHYS Lecture ADV PHYS Lab CHEM 232 + 234 Elective | ADV PHYS Lab CHEM 256 Elective Fine Art | 3.75 MCAT |

Degree Audit:

Major - Yes

Credits Total (16) – 16.25

Credits Outside Major Department (9 or 7) – 10.5 (if electives not PHYS)

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

Foreign Language – No (assume student is proficient on arrival or could take Latin in place of two electives)

QR - Yes

Notes: This schedule assumes that the student does not need to meet the language requirement or plans to meet the requirement by taking Latin in place of two electives above. The student has taken the equivalent of MATH 111 on arrival. 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:

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

Physics Major (Required Courses for major in red)

| Year | Fall | Spring | Credits |
|------|---|---|-------------------------|
| 1 | PHYS 140 + 141 BIOL 115 + 109 MATH | PHYS 145 + 146 BIOL 116 + 110 MATH | 4.0 |
| 2 | PHYS 240 + 241 CHEM 122 + 123 ENGL | PHYS 245 PHYS 270 CHEM 231 + 233 ENGL | 4.25 |
| 3 | ADV PHYS Lecture ADV PHYS Lab CHEM 232 + 234 Social Science | ADV PHYS Lecture ADV PHYS Lab CHEM 256 Social Science Elective | 4.25 MCAT |
| 4 | ADV PHYS Lecture ADV PHYS Lab MATH 224 Fine Art Elective | ADV PHYS Lab Fine Art Elective Elective | 4.0 |

Degree Audit:

Major Requirements Met? – Yes

Credits Total (16) – 16.50

Credits Outside Major Department (9 or 7) – 10.75 (if electives are not PHYS)

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

Foreign Language – No (assume student is proficient on arrival or could take Latin in place of two electives)

QR - Yes

Notes: This schedule assumes that the student does not need to meet the language requirement or plans to meet the requirement by taking Latin in place of two electives above. This student has taken the equivalent of MATH 111 on arrival. 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.

Additional Recommendations for Physics Majors

- Because behavioral science is covered on the MCAT, selecting appropriate sociology and psychology courses is recommended. (See the [Guide to Pre-Health Courses at Kenyon \(PDF\)](#) 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 physics courses: PHYS 385, 386, and 387.