

Sample Premedical Schedule:

Neuroscience Major (Required Courses for major in red)

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

Year	Fall	Spring	Units/Credits
1	<b>CHEM 121+ 123</b> <b>BIOL 115</b> <b>ENGL</b>	NEUR 212 <b>CHEM 124 + 126</b> <b>BIOL 116</b> <b>ENGL</b>	4.0/32
2	NEUR 250 <b>BIOL 109</b> MLL Social Science <sup>†</sup>	<b>CHEM 231 + 233</b> <b>BIOL 110</b> MLL Social Science <sup>†</sup>	4.25/24
3	<b>CHEM 232 + 234</b> <b>MATH</b> Fine Art	NS Lab Requirement NEUR 305/307 <b>CHEM 256*</b> <b>MATH</b>	4.25/32
4	NEUR 471 NS Elective** NS Elective** <b>PHYS + Lab</b>	<b>PHYS + Lab</b> Fine Art NS Elective**	4.0/32 <b>MCAT</b>

\* CHEM 256 counts as 0.5 units (4 credits) toward the 2.0 elective units (16 credit) required for the major.

\*\* At least two of these should be Neuroscience electives.

<sup>†</sup> Recommended: SOCY 104-108, SOCY 224

**Degree Audit:**

Major requirements met? Yes

Units/Credits Total 16.5/120

Units/Credits Outside Multi-Discipline Department (7/56) – 9.5/76 (outside of NEUR/BIOL)

Distribution: 1 unit or 8 credits – 2 classes 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. To fulfill degree, major, and pre-medical requirements, this schedule does not have room for PSYC 100/110 at Kenyon, which is recommended for the Psychological, Social, and Biological Foundations of Behavior section of the MCAT.

Sample Premedical Schedule:

Neuroscience Major (Required Courses for major in red)

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

Year	Fall	Spring	UnitsCredits
1	<b>CHEM 122 + 123</b> <b>BIOL 115 +109</b> <b>ENGL</b>	<b>NEUR 212</b> <b>BIOL 116 + 110</b> <b>ENGL</b> Social Science <sup>†</sup>	4.25/34
2	<b>NEUR 250</b> <b>MATH</b> Social Science <sup>†</sup> Fine Art	<b>NS Elective**</b> <b>NS Lab Requirement</b> <b>CHEM 231 + 233</b> <b>MATH</b>	4.0/32
3	<b>NEUR 305/307</b> <b>CHEM 232 + 234</b> <b>PHYS + Lab</b>	<b>CHEM 256*</b> <b>PHYS + Lab</b> <b>NS Elective**</b> Elective <sup>††</sup>	4.25/34  <b>MCAT</b>
4	<b>NEUR 471</b> <b>NS Elective**</b> Fine Art Elective	Elective <sup>††</sup> Elective Elective Elective	4.0/32

\* CHEM 256 counts as 0.5 units toward the 2.0 elective units required for the major.

\*\* At least two of these should be Neuroscience electives.

<sup>†</sup> Recommended: SOCY 104-108, SOCY 224

<sup>††</sup> If a junior/senior wishes to take PSYC 110, note this is only offered in the spring.

#### Degree Audit:

Major Requirements Met? – Yes

Units/Credits Total (16/128) – 16.5/132

Units/Credits Outside Multi-Discipline Department (7/56) – 11.25/90 (outside of NEUR/BIOL) Distribution: 1.0/8 in each, FA, HU, SS, NS - Yes

Foreign Language – No (assume 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 Neuroscience 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 chemistry courses: BIOL 238, BIOL 243, BIOL 255, BIOL 255, BIOL 263, BIOL 266, CHEM 256, CHEM 370, CHEM 401, and CHEM 475.