Curriculum and Advising for Prehealth Professions

Students interested in health professions (e.g., medicine, dentistry, nursing, osteopathy, etc.), should use the following course information as a rough guide only. Please consult the appropriate advisor at the home institution, since these requirements vary among health profession programs and may change.

**Required additional courses at UNC**

See the pre-health advising website [here](#) for contact people and the latest information. You are STRONGLY encouraged to check with a pre-health advisor to ensure that you’ve taken all required courses.

Our curriculum includes the following courses:

- MATH 231, MATH 232, MATH 233, MATH 383/L
- PHYS 118, PHYS 119
- CHEM 101, CHEM 101L, CHEM 102, CHEM 102L, CHEM 261
- BIOL 101/L
- BMME 301, BMME 302 (BME version of anatomy and physiology)
- CHEM 430, which can count in place of BMME 325 as a gateway elective

Additionally, for most schools, students should expect to take the following classes that are not part of our curriculum:

- CHEM 241, CHEM 241L**
- CHEM 262, CHEM 262L
- Another BIOL course, typically BIOL 202 (genetics)
- Statistics; e.g., STOR 435 or 455

** Currently, CHEM 262L requires CHEM 241 as a prerequisite. If this changes, CHEM 241 and CHEM 241L will NOT be required.

Some schools require other courses in addition to those listed above, such as psychology. Again, please meet with a pre-health advisor, since the BME advisors are not able to advise for specific graduate programs.

**Required additional courses at NC State**

See the pre-health advising website [here](#) for contact people and the latest information. You are STRONGLY encouraged to check with a health-professions advisor to ensure that you’ve taken all required courses.

Our curriculum includes the following courses:

- MA 141, MA 241, MA 242
- PY 205, PY 206, PY 208, PY 209
- CH 101, CH 102, CH 201, CH 202, CH 221, CH 222
- BIO 183
- BME 301, BME 302 (BME version of anatomy and physiology)
- BCH 451, which can count in place of BME 325 as a gateway elective

Additionally, students MUST take the following classes that are not part of our curriculum:
- CH 223, CH 224
- BIO 181

Students are strongly encouraged, but not required, to take the following courses:
- MB 351
- GN 311
- ST 370

Some schools require other courses in addition to those listed above, such as psychology. Again, please meet with a health-professions advisor, since the BME advisors are not able to advise for specific graduate programs.