

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 241L 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.