

**ASSOCIATE IN SCIENCE
PRE-MEDICINE
Course Selection Guide
Updated Summer 2022**

Degrees and Programs

ECU: [Doctor of Medicine](#)

Duke: [Doctor of Medicine](#)

UNC Chapel Hill: [Doctor of Medicine](#)

Wake Forest: [Doctor of Medicine](#)

- Application to medical school requires completion of a bachelor's degree.
- Students who have not yet completed a bachelor's degree should follow the course selection guide for their major, while keeping these requirements in mind as a goal to complete by the end of the bachelor's degree.
- Students should review all material on the schools' websites. Medical schools may require additional prerequisites beyond coursework, such as standardized tests and patient care experience. Requirements may change, and time limits often apply to science coursework.

| ECU | Duke | UNC-CH | WFU |
|--|--------------------|---|--------------------|
| | | | Select from among: |
| BIO 111 | Select from among: | | BIO 111 |
| BIO 112 | BIO 111 | | BIO 112 |
| Advanced Biology including BIO 163, BIO 250, BIO 275 | BIO 112 | 3 advanced Biology classes, such as BIO 163, BIO 250, BIO 275 | BIO 250 |
| CHM 151 | BIO 250 | | BIO 163 |
| CHM 152 | BIO 275 | | BIO 275 |
| CHM 251 | CHM 151 | 3 Chemistry classes, including CHM 271 | CHM 151 |
| CHM 252 | CHM 152 | 3 Humanities classes (ENG, HIS, PHI, HUM, FL) | CHM 152 |
| CHM 271 | CHM 251 | | CHM 251 |
| MAT 152 | CHM 252 | MAT 152 | CHM 252 |
| PHY 151 | CHM 271 | 3 Social and Behavioral Science classes (PSY, SOC, ECO, POL, ANT) | CHM 271 |
| PHY 152 | MAT 152 | | MAT 152 |
| Humanities or Social Science course | PHY 151 | | MAT 171 |
| Additional English | PHY 152 | | PSY 150 |
| | PSY | | PSY 281 |
| | SOC | | SOC 210 |
| | | | SPA |
| | | | PHI |
| | | | ENG Literature |

Duke and Wake Forest do not require specific courses but instead suggest coursework that would be helpful preparation for the MCAT and medical school coursework.