

Pre-Medicine Requirements

Many biological and agricultural engineering students seek to enter medical school with a degree in bioengineering, giving them the advantage of having a marketable engineering degree as well as academic training appropriate for modern medicine. To meet the requirements for admission to most medical schools, students must select some courses required for medical school admission from electives in the biological and agricultural engineering curriculum. It is also necessary to take additional course work above the requirements for the biological and agricultural engineering program. The undergraduate program is accredited by **ABET**.

Below is a table outlining the requirements of the pre-medicine program and which BAEN courses can be taken to meet the requirements.

	Pre-Medicine Requirement	BAEN Curriculum Additions/Substitutions
6 hrs	English	ENGL 104 and ENGL 210
3 hrs	Statistics	STAT 211 is required in BAEN curriculum
8 hrs	Biology (introductory)	BIOL 111 is required in BAEN (we will substitute for BIOL 113) and BIOL 112 in addition to BAEN curriculum
6 hrs	Biology (advanced)	BAEN 302 and GENE 301 are required in the BAEN curriculum
8 hrs	Chemistry (inorganic)	CHEM 107/117 is required and CHEM 102/112 in addition to the BAEN curriculum
8 hrs	Chemistry (organic)	CHEM 227 is required in BAEN curriculum (we will substitute for CHEM 222); CHEM 237 (lab), CHEM 228/238 in addition to BAEN curriculum
8 hrs	Physics with lab	PHYS 218/208 are required in BAEN curriculum
3 hrs	Biochemistry	BICH 410 in addition to BAEN curriculum (required only for certain medical schools in TX – contact the OPSA advisors for details)

PSYC 107 and SOCI 205 are suggested prior to taking the MCAT, especially for students who will take the MCAT after January 2015.