# PRE-MED PROGRAM

Professional schools of medicine recommend a broad, deep cultural background with emphasis on the natural sciences. It is strongly recommended that students complete a B.S. degree, which includes all requirements for graduation from Freed-Hardeman University as well as specific courses, required by medical schools. Acceptance into medical school without completion of the B.S. degree is extremely rare. Premed students, who wish to major in biology and minor in chemistry, or major in chemistry and minor in biology, should follow the curriculum designated for those majors and minors. Premed students wishing to major and minor in fields other than biology or chemistry should inform their assigned advisor of their interests and request that a curriculum be designed for them.

Regardless of the major or minor chosen by a premed student, all of the following courses must be taken to satisfy requirements of most medical schools in the United States. Some schools have other unique course requirements. Premed students should look at the specific requirements of the medical school they hope to attend.

FHU has a great acceptance rate into medical school, but because of other qualifications that must be met; there is no guarantee that a student will be admitted to medical school upon completion of the required courses and the B.S. degree.

### PROGRAM REQUIREMENTS AND PREREQUISITES FOR

## UTHSC, MEMPHIS, & ETSU**

| UT Memphis & ETSU Requirements and Prerequisites | Corresponding FHU Courses | Total Hours |
|---|---|---|
| General Biology I & II | BIO111 & 112 | 8 |
| General Chemistry I & II | CHE121/121L & 122/122L | 8 |
| Human A&P I & II | BIO211 & 212 | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| General Physics I & II | PHS201 & 202 | 8 |
| English Composition/Lit | ENG101 & 102 | 6 |
| Electives* | | 52 |

*Biochemistry I and II (CHE 331 & 332) are recommended. Applicants are strongly encouraged to pursue upper level coursework in the biological sciences beyond the minimum requirement. Such courses might include Cell Biology (BIO 205, 333), Embryology (BIO 422), Genetics (BIO 335), Histology (BIO 312), Immunology (CHE 431), or Microbiology (BIO 215). A student should acquire a broad cultural background. The behavioral sciences, including psychology, sociology, etc., are considered valuable. Additional dimensions are derived from higher mathematics, computer sciences, languages, literature, philosophy, history, economics, and statistics.

**ETSU no longer requires a specific degree or classes for acceptance into medical school, but a student must score high enough on the MCAT before they will get an interview. To make that score, the science classes listed in the table above in addition to Cell Biology, BIO 205 and BIO 333 would be the minimum of sciences we recommend.

**IS A DEGREE REQUIRED?** _____**YES** ___X____ **NO**
Acceptance into medical school without completion of the BS degree is extremely rare. You should complete the General Education requirements listed in the catalog for your degree.

**DATE OF APPLICATION TO AMCAS**:
Application must be submitted on or before midnight EST
November 15. The sooner the application is made, the better. We recommend the application be submitted on June 1. Upon initial review of the AMCAS application, a supplemental application will be e-mailed to applicants considered to be competitive.

**IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?**
Clinical experience is required, but there is no specified number of hours. (The more you have, the better.)

**AVERAGE GPA OF LAST ENTERING CLASS:** 3.59

**AVERAGE SCORE OF ENTRANCE EXAM OF LAST ENTERING CLASS:**
Verbal Reasoning: 9.26
Biological Science: 9.77
Physical Science: 9

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**PROGRAM REQUIREMENTS AND PREREQUISITES FOR**

## UNIVERSITY OF ALABAMA, BIRMINGHAM:

| University of Alabama, Birmingham Requirements and Prerequisites | Corresponding FHU Courses | Total Hours |
|---|---|---|
| General Biology I & II | BIO111 & 112 | 8 |
| General Chemistry I & II | CHE121/121L & 122/122L | 8 |
| Human A&P I & II | BIO211 & 212 | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| General Physics I & II | PHS201 & 202 | 8 |
| Mathematics | MAT101, 120, or 122 & MAT235 | 6 |
| Computer Applications | CIS161 | 3 |
| English Composition/Lit | ENG101 & 102 | 6 |
| Electives* | | 38 |

*Developmental Anatomy (BIO 422) and Genetics (BIO 334 or 335) are recommended. Further course work in biology and chemistry are desirable and may be necessary to be a competitive applicant.

**IS A DEGREE REQUIRED?** __YES __X__ NO
Acceptance into medical school without completion of the BS degree is extremely rare. You should complete the General Education requirements listed in the catalog for your degree.

**DATE OF APPLICATION TO AMCAS:**
June 1 through November 1.
The sooner application is made, the better.

**IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?**
Clinical experience is required, but there is no specified number of hours. The more hours the applicant has completed, the better.

**MINIMAL MCAT SCORE:** 24

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**PROGRAM REQUIREMENTS AND PREREQUISITES FOR**

## EDWARD VIA COLLEGE OF OSTEOPATHIC MEDICINE:

**Blacksburg, VA & Spartanburg, SC**
**(Auburn, AL inaugural class in 2015)**

| VCOM Requirements and Prerequisites | Corresponding FHU Courses | Total Hours |
|---|---|---|
| General Biology I & II | BIO111 & 112 | 8 |
| General Chemistry I & II | CHE121/121L & 122/122L | 8 |
| Human A&P I & II | BIO211 & 212 | 6 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| General Physics I & II | PHS201 & 202 | 8 |
| Mathematics | MAT101, 120, or 122 & MAT235 | 6 |
| Computer Applications | CIS161 | 3 |
| English Composition I & II | ENG101 & 102 | 6 |
| Electives* | | 38 |

*Cell Biology (BIO2 05 & 333), Histology (BIO 312), Microbiology (BIO 215), Biochemistry (CHE 331), Immunology (CHE 431) and Genetics (BIO 335) are recommended. Further course work in biology and chemistry are desirable and may be necessary to be a competitive applicant.

**IS A DEGREE REQUIRED?** __YES __X__ NO
Acceptance into medical school without completion of the BS degree is extremely rare. You should complete the General Education requirements listed in the catalog for your degree.

**DATE OF APPLICATION TO AACOMAS:**
June 1 through November 15. The sooner application is made, the better.

**IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?**
Clinical experience is required, but there is no specified number of hours. The more hours the applicant has completed, the better.

**PROGRAM REQUIREMENTS AND PREREQUISITES FOR**

## DEBUSK COLLEGE OF OSTEOPATHIC MEDICINE, LINCOLN MEMORIAL UNIVERSITY:

**Harrogate, TN**

| University of Alabama, Birmingham Requirements and Prerequisites | Corresponding FHU Courses | Total Hours |
|---|---|---|
| General Biology I & II | BIO111 & 112 | 8 |
| General Chemistry I & II | CHE121/121L & 122/122L | 8 |
| Organic Chemistry I & II | CHE321 & 322 | 8 |
| General Physics I & II | PHS201 & 202 | 8 |
| English Composition | ENG101 & 102 | 6 |
| Electives* | | 38 |

*Anatomy & Physiology (BIO211 & 212), Embryology (BIO 422), Cell Biology (BIO 205 & 333), Histology (BIO 312), Microbiology (BIO 215), Biochemistry (CHE 331), Immunology (CHE 431) and Genetics (BIO 334 or 335) are recommended. Further coursework in biology and chemistry are desirable and may be necessary to be a competitive applicant.

**IS A DEGREE REQUIRED?** __**YES** __X_ **NO**
Acceptance into medical school without completion of the BS degree is extremely rare. You should complete the General Education requirements listed in the catalog for your degree.

**DATE OF APPLICATION TO AACOMAS:**
June 1 through January 15.
The sooner application is made, the better.

**IS CLINICAL EXPERIENCE REQUIRED OR HELPFUL? IF SO, HOW MANY HOURS?**
Clinical experience is required, but there is no specified number of hours. The more hours the applicant has completed, the better.