



ASBURY UNIVERSITY
SCIENCE & HEALTH DEPARTMENT

Course Planning Guide for Pre-Med

I. For students starting in the fall of an even-numbered year:

Freshman

Fall
CHE 121 / 123L
BIO 201 / 203L
MAT 181 (Calculus I)
PSY 101

Spring
CHE 122 / 124L
BIO 202 / 204L
MAT 182 (Calculus II)
SOC 100

Sophomore

Fall
CHE 201 / 201L
PSY 315 (stats)

Spring
CHE 202 / 202L
BIO 322 (genetics)
BIO 341 (ethical issues)

Junior

Fall
PHY 201 / 201L
BIO 372 / 374L (Cell and Molec)

Spring
PHY 202 / 202L
CHE 371 / 371L (Biochemistry)
BIO 352 / 354L (physiology)
BIO 379 (immunology)

Students normally take the MCAT exam the spring or summer after junior year.

Senior

Fall
BIO 331 / 333L (anatomy)

Spring

NOTES:

- 1) The basic required courses for the MCAT are general chemistry (2 semesters), general biology (2 semesters), organic chemistry (2 semesters), introductory physics (2 semesters), biochemistry (1 semester), cell biology (1 semester), statistics (1 semester), and behavioral sciences (psychology and sociology).
- 2) Biochemistry is only given alternate spring semesters (odd-numbered years), and the pre / co-requisite is organic chemistry. Thus it is essential to get all pre-med students into general chemistry ASAP.
- 3) Calculus is required for physics; Calculus I is required for biology majors, and Calculus I and II are for chemistry / biochemistry majors.
- 4) Genetics, immunology, and physiology are NOT required for the MCAT, but are highly recommended for improving the MCAT score. Ethical Issues (BIO 341) is recommended for anyone going into medicine, and also is good preparation for the medical school interview.



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BIO 322 (genetics)
BIO 352 /354L (physiology)

Students normally take the MCAT exam the spring or summer after junior year, and apply to medical school during that summer and into fall.

Senior

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BIO 331 / 333L (anatomy)

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- 1) The basic required courses for the MCAT are general chemistry (2 semesters), general biology (2 semesters), organic chemistry (2 semesters), introductory physics (2 semesters), biochemistry (1 semester), cell biology (1 semester), statistics (1 semester), and behavioral sciences (psychology and sociology).
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