



Recommended Course Topics for an Acceptable Course to Meet the **Biochemistry** Prerequisite for Medical Schools

- pH
- Amino acid structure
- Protein structure
- Enzyme kinetics and metabolism
- DNA replication
- RNA transcription
- Carbohydrate metabolism
- Amino acid metabolism
- One-carbon metabolism
- Lipid structures and metabolism
- Nucleic acid synthesis

The course should be for science majors and not be “elementary” in nature nor designed for nursing or allied health students. In general, an appropriate organic chemistry course/sequence should be required as a prerequisite/corequisite for the acceptable biochemistry course.

The acceptable biochemistry course may be taught in the biology, chemistry or biochemistry department of the institution.

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