



TheChicagoSchool®

M.S. Biomedical Sciences: Pre-Medical Concentration

Online

Six 8-week Terms*

Sample Schedule: 30 Credit Hours**

SEMESTER 1:

Term 1:

Biomedical Foundations I: Biochemical and Metabolic Processes (2 credits)
Evidence-based Practices (1 credit)

Term 2:

Biomedical Foundations II: Cellular and Molecular Processes (2 credits)
Research Methods (1 credit)

SEMESTER 2:

Term 3:

Foundations of Human Anatomy and Physiology (3 credits)
Biopsychosocial Aspects of Medical Conditions (2 credits)
Humanities and Medical Ethics (1 credit)

Term 4:

Pharmacology (3 credits)
Neuroanatomy and Neurophysiology (3 credits)

SEMESTER 3:

Term 5:

Principles of Microbiology and Infectious Disease (3 credits)
Elective (3 credits) OR (2 + 1 Split)

Term 6:

Pathophysiology (3 credits)
Fundamentals of Immunology (2 credits)
Capstone (1 credit)

Electives:

Psychopathology and Introduction to Psychopharmacology (3 credits)
Healthcare Law and Ethics (3 credits)
Introduction to Epidemiology and Public Health (2 credits)
Genetics in Human Health and Disease (2 credits)
Artificial Intelligence in Biomedical Sciences (1 credit)
Professional Development in Biomedical Sciences (1 credit)

Contact Our Admissions Department Today

✉ admissions@thechicagoschool.edu

☎ +1-866-478-7923

🌐 thechicagoschool.edu

📷 @thechicagoschool



[Licensure Disclosure](#)

*Timelines in this document reflect a typical progression through the program and standard time to completion. Individual student progression and time to completion may vary. Contact your admissions counselor for additional details.

**Program and course information is subject to change. Please refer to the course catalog for additional details.

(Revised 09/2026)