

SAMPLE DOUBLE-MAJORS FOR PRE-MEDICINE TRACK

Shown here are sample majors designed to illustrate courses students might take to satisfy the prerequisites for a graduate program in the health professions while also fulfilling major requirements. As long as students satisfy the prerequisites for a graduate program, they are free to pursue any major. Note that admission requirements vary by program. Health Sciences majors should work with their adviser to make sure they are taking the correct prerequisite courses for the graduate programs they plan to apply to.

BIOLOGY AND HEALTH SCIENCES

BIOLOGY MAJOR:

BIOL 111	Integrative Biology: Molecules and Cells
BIOL 112	Integrative Biology: Organisms, Ecology and Evolution
BIOL 291	Introduction to Scientific Inquiry
BIOL 313	Molecular Cell Biology
BIOL 315	Microbiology
BIOL 343	Sensory Systems
BIOL 434	Biochemistry
BIOL 443	Genetics

HEALTH SCIENCES MAJOR:

CHEM 111	Chemical Principles I
CHEM 112	Chemical Principles II
CHEM 231	Organic Chemistry I
CHEM 232	Organic Chemistry II
PHYS 111	Physics for the Life Sciences I
PHYS 112	Physics for the Life Sciences II
PSY 100	General Psychology
MATH 112	Elementary Statistics
MATH 115	Elementary Functions
HSCI 390	Internship
HSCI 400	Health Science Seminar

ENGLISH AND HEALTH SCIENCES

ENGLISH MAJOR:

ENGL 200	Introduction to Literary Studies
ENGL 221	British Literature I
ENGL 331	Black Women Writers
ENGL 205	Introduction to Creative Writing
ENGL 282	Journalism
ENGL 376	Contemporary Fiction
ENGL 382	Technical and Professional Communication
ENGL 285	<i>Guilfordian</i> Practicum
ENGL 400	Senior Seminar

GUILFORD

COLLEGE

HEALTH SCIENCES MAJOR:

BIOL 111	Integrative Biology: Molecules and Cells
BIOL 112	Integrative Biology: Organisms, Ecology and Evolution
CHEM 111	Chemical Principles I
CHEM 112	Chemical Principles II
CHEM 231	Organic Chemistry I
CHEM 232	Organic Chemistry II
PHYS 111	Physics for the Life Sciences I
PHYS 112	Physics for the Life Sciences II
BIOL/CHEM 434	Biochemistry
PSY 100	General Psychology
MATH 112	Elementary Statistics
HSCI 390	Internship
HSCI 400	Health Science Seminar