

SAMPLE FIRST-SEMESTER COURSES

PRE-PROFESSIONAL PROGRAMS

Students intending to pursue studies in any of the following professions will have first-semester schedules that reflect these recommendations. None of these programs is a major; each is completed in combination with a major. Additional information can be found by clicking on each program below.

Full-time enrollment is 12-18 credits per semester. Students typically take four 4-credit courses for a total of 16 credits each semester. Some majors will require an additional 1-2 credits (e.g. choral or instrumental ensembles for music).

COMMON CURRICULUM REQUIREMENTS: Courses listed in the following recommendations include Common Curriculum requirement designations: Fine Arts (FA), Humanities (HM), Mathematics (MT), Natural Sciences (NS), Social Science (SS) and Theology (TH). NOTE: Social Science (SS) requirement must be completed through coursework outside the major department.

Course descriptions may be found in the CSB/SJU [Academic Catalog](#).

CHIROPRACTIC

FYS 100 or HONR 100 First-Year Seminar
*CHEM 123 General Chemistry I NS
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
SOCL 111 Introduction to Sociology SS

DENTISTRY

FYS 100 or HONR 100 First-Year Seminar
*CHEM 123 General Chemistry I NS
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
Global Language or other Common Curriculum requirement

ENGINEERING:

FYS 100 or HONR 100 First-Year Seminar
MATH 119 Calculus I MT, MATH 120 Calculus II MT or
MATH 239 Linear Algebra
Global Language and/or other Common Curriculum requirement
Choose the 4th course below depending on focus:

Chemical Engineering:

*CHEM 123 General Chemistry I NS

Computer Engineering:

CSCI 161 Introduction to Problem-Solving and Programming

Biomedical Engineering:

*CHEM 123 General Chemistry I NS
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS

Other Types (Civil, Electrical, Mechanical) or Undecided:

PHYS 191 Foundations of Physics I NS

FORESTRY

FYS 100 or HONR 100 First-Year Seminar
*CHEM 123 General Chemistry I NS
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
Global Language or other Common Curriculum requirement

LAW

There is no prescribed course sequence specifically for Pre-Law.
Select any first-semester program in a major of interest and consult with a pre-law advisor during the first semester.

MEDICINE**

FYS 100 or HONR 100 First-Year Seminar
*CHEM 123 General Chemistry I NS (4) and/or
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
Global Language and/or other Common Curriculum requirement
**Please refer to the [pre-medicine website](#) for curriculum options/suggestions.

OCCUPATIONAL THERAPY

FYS 100 or HONR 100 First-Year Seminar
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
*CHEM 123 General Chemistry I NS
Global Language or other Common Curriculum requirement

OPTOMETRY

FYS 100 or HONR 100 First-Year Seminar
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
*CHEM 123 General Chemistry I NS
Global Language or other Common Curriculum requirement

PHARMACY

FYS 100 or HONR 100 First-Year Seminar
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
*CHEM 123 General Chemistry I NS
SOCL 111 Intro to Sociology SS or ECON 111 Intro to Economics SS

PHYSICAL THERAPY

FYS 100 or HONR 100 First-Year Seminar
Any two of the following:
BIOL 121 Cellular Life: Intro to Cell and Molecular Biology NS
*CHEM 123 General Chemistry I NS
PSYC 111 Introductory Psychology SS
Global Language or other Common Curriculum requirement

PHYSICIAN ASSISTANT

FYS 100 or HONR 100 First-Year Seminar
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
*CHEM 123 General Chemistry I NS
Global Language or other Common Curriculum requirement

PRIESTHOOD STUDIES

FYS 100 or HONR 100 First-Year Seminar
THEO 111 The Biblical Tradition TH
Philosophy 100-level course HM
Global Language or other Common Curriculum requirements

SPORTS MEDICINE (minor)

FYS 100 or HONR 100 First-Year Seminar
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
Global Language and/or other Common Curriculum requirement

VETERINARY MEDICINE

FYS 100 or HONR 100 First-Year Seminar
BIOL 121 Cellular Life: Introduction to Cell and Molecular Biology NS
*CHEM 123 General Chemistry I NS
Global Language or other Common Curriculum requirement

***Completion of the Chemistry Placement Exam is required for enrollment in CHEM123.**

Students in CHEM 123 may be concurrently enrolled in CHEM121 Skills in Chemistry pending results of the placement exam.

