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
BIOL 101 Foundations of Biology NS
CHEM 125 Intro to Chemical Structure and Properties NS
CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)
Global Language or other Common Curriculum requirement

**DENTISTRY**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
CHEM 125 Intro to Chemical Structure and Properties NS
CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)
Global Language or other Common Curriculum requirement

**DIVINITY/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

**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 125 Intro to Chemical Structure and Properties NS
  CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)

- **Computer Engineering:**
  CSCI 150 Introduction: Science/Computing NS or CSCI 140 Computing: Science/Mathematics NS or CSCI 130 Computing: Science/Applications
  CSCI 160 Problem-Solving, Programming, and Computers

- **Biomedical Engineering:**
  BIOL 101 Foundations of Biology NS
  CHEM 125 Intro to Chemical Structure and Properties NS
  CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)

**Other Types (Civil, Electrical, Mechanical) or Undecided:**
PHYS 191 Foundations of Physics I NS

**FORESTRY**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
CHEM 125 Intro to Chemical Structure and Properties I NS
Global Language or other Common Curriculum requirement

**LAW**
Consult with pre-law advisor during the first year. Refer to the pre-law website at http://www.csbsju.edu/Pre-Law/htm/. Register to be on the mailing list.

**MEDICINE**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
CHEM 125 Intro to Chemical Structure and Properties NS (4)
CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)
Global Language and/or other Common Curriculum requirement
Refer to the pre-medicine website for curriculum options/suggestions.

**OCCUPATIONAL THERAPY**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
PSYC 111 Introductory Psychology SS
Global Language or other Common Curriculum requirements

**OPTOMETRY**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
PHYS 100
CHEM 125 Intro to Chemical Structure and Properties NS
CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)
Global Language or other Common Curriculum requirement

**PHARMACY**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
CHEM 125 Intro to Chemical Structure and Properties NS
CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)
SOCI 111 Intro to Sociology SS or PSYC 111 Introduction to Psychology SS

**PHYSICAL THERAPY**
FYS 100 or HONR 100 First-Year Seminar
Any two of the following:
- BIOL 101 Foundations of Biology NS
- CHEM 125 Intro to Chemical Structure and Properties NS with CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)
- PSYC 111 Introductory Psychology SS
Global Language or other Common Curriculum requirement

**PHYSICIAN ASSISTANT**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
CHEM 125 Intro to Chemical Structure and Properties NS
CHEM 201 Purification/Separation Lab 1 (NS when taken with CHEM 125)
Global Language or other Common Curriculum requirement

**VETERINARY MEDICINE**
FYS 100 or HONR 100 First-Year Seminar
BIOL 101 Foundations of Biology NS
CHEM 125 Intro to Chemical Structure and Properties NS
Global Language or other Common Curriculum requirement

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