

SAMPLE FIRST-SEMESTER COURSES

PRE-PROFESSIONAL PROGRAMS

Students typically take 17 credits in the first term: four 4-credit courses and a 1-credit College Success course.
Full-time enrollment is 12-18 credits per semester.
Minnesota students who have a Minnesota State Grant will need a minimum of 15 credits.
Registration will be maintained within 18 credits and will accommodate majors that require additional 1-2 credit courses (e.g. ensembles and lessons for music),

First-year students will be enrolled in:

- 1 cr. *College Success*
- 4 cr. *Learning Foundations* or *Cultural and Social Difference*
- 4-8 cr. Courses toward interests, as noted below
- 4-8 cr. Global language or other Integrations Curriculum courses

ADDITIONAL INFORMATION IS AVAILABLE ONLINE. Click on the professional areas of interest to visit the website for each field.

COURSE DESCRIPTIONS are available in the [Academic Catalog](#).

First-Semester Courses for Pre-Professional Interests

As noted above, plan for one or two courses--4-8 credits--toward your area(s) of interest.

ATHLETIC TRAINING

BIOL 101 Foundations of Biology (in first or second year)
EXHS 111 Intro to Exercise/Health Science

CHIROPRACTIC

BIOL 101 Foundations of Biology OR
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1

DENTISTRY

BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1

ENGINEERING

MATH 119 Calculus I, MATH 120 Calculus II or MATH 239 Linear Algebra
Additional course depending on focus:

Chemical Engineering:

CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1

Computer Engineering:

CSCI 150 Introduction: Science/Computing

Biomedical Engineering:

BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1

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

PHYS 191 Foundations of Physics I

FORESTRY

Appropriate science major coursework, typically:
BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties I
CHEM 201 Purification/Separation Lab 1

LAW

Coursework according to major/minor interests
Register at the pre-law web site to be on the mailing list. Consult with pre-law advisor during the first year.

MEDICINE

BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1

Refer to the [pre-medicine website](#) for curriculum options.

OCCUPATIONAL THERAPY

BIOL 101 Foundations of Biology (in first or second year)
PSYC 111 Introductory Psychology

OPTOMETRY

BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1
PSYC 111 Introduction to Psychology

PHARMACY

BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1
SOC 111 Intro to Sociology or PSYC 111 Introduction to Psychology

PHYSICAL THERAPY

Any two of the following:
– BIOL 101 Foundation of Biology
– CHEM 125 Intro to Chemical Structure and Properties
– CHEM 201 Purification/Separation Lab 1 in first or second year
– PSYC 111 Introductory Psychology

PHYSICIAN ASSISTANT

BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1

VETERINARY MEDICINE

BIOL 101 Foundations of Biology
CHEM 125 Intro to Chemical Structure and Properties
CHEM 201 Purification/Separation Lab 1