**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),

**All new, first-year students will enroll** **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 tovisit the website for each field.

**Course descriptions are available in the** [**Academic Catalog**](https://www.csbsju.edu/academics/2019-2020-catalog/academic-departments)[**.**](http://www.csbsju.edu/academics/academic-catalogs/2014-2015-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**](https://www.csbsju.edu/pre-professional-health/pre-athletic-training)

BIOL 101 Foundations of Biology (in first or second year)

[**CHIROPRACTIC**](https://www.csbsju.edu/pre-professional-health/pre-chiropractic)

BIOL 101 Foundations of Biology

CHEM 125 Intro to Chemical Structure and Properties

CHEM 201 Purification/Separation Lab 1

[**DENTISTRY**](https://www.csbsju.edu/pre-professional-health/pre-dental)

BIOL 101 Foundations of Biology

CHEM 125 Intro to Chemical Structure and Properties

CHEM 201 Purification/Separation Lab 1

[**ENGINEERING**](https://www.csbsju.edu/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**](https://www.csbsju.edu/academics/2018-2019-catalog/academic-departments/pre-professional/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**](https://www.csbsju.edu/pre-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**](https://www.csbsju.edu/pre-professional-health/pre-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**](http://www.csbsju.edu/premed/) **for curriculum options.**

[**OCCUPATIONAL THERAPY**](http://www.csbsju.edu/academic-advising/occupational-therapy)

BIOL 101 Foundations of Biology (in first or second year)

PSYC 111 Introductory Psychology

[**OPTOMETRY**](http://www.csbsju.edu/pre-professional-health/pre-optometry)

BIOL 101 Foundations of Biology

CHEM 125 Intro to Chemical Structure and Properties

CHEM 201 Purification/Separation Lab 1

SOCI 111 Intro to Sociologyor PSYC 111 Introduction to Psychology

[**PHARMACY**](http://www.csbsju.edu/pre-professional-health/pre-pharmacy)

BIOL 101 Foundations of Biology

CHEM 125 Intro to Chemical Structure and Properties

CHEM 201 Purification/Separation Lab 1

SOCI 111 Intro to Sociology or PSYC 111 Introduction to Psychology

[**PHYSICAL THERAPY**](http://www.csbsju.edu/pre-professional-health/pre-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**](http://www.csbsju.edu/pre-professional-health/pre-physician-assistant)

BIOL 101 Foundations of Biology

CHEM 125 Intro to Chemical Structure and Properties

CHEM 201 Purification/Separation Lab 1

**[VETERINARY MEDICINE](http://www.csbsju.edu/pre-professional-health/pre-veterinary-medicine)**

BIOL 101 Foundations of Biology

CHEM 125 Intro to Chemical Structure and Properties