



Science,
Applied Science
& Engineering
Saint John

Bachelor of Science in Software Engineering Registration Package

Software engineering goes beyond programming. It's about developing, writing, testing, implementing, and maintaining software systems. It's the foundation of all computer systems. In other words, our digital world depends on software engineering. In UNB's Software Engineering program, you'll learn how to develop and maintain reliable, safe, affordable, and efficient software systems that satisfy customer requirements. You'll also gain the skills and knowledge needed to work on large and expensive software systems that often have safety-critical applications.

Students may also consider the two-year Diploma in Engineering Foundations option at UNB Saint John. Students can apply for the Diploma upon completion of the first two years of the BSc in Software Engineering (BSSWE) program. They then transfer to UNB Fredericton to complete the BSSWE degree.

COURSE REGISTRATION

The following table lists the courses recommended for the first year of the Software Engineering program. Students with transfer credits or other considerations can request a modified course plan. These students should contact the Academic Advisor for assistance. Students are able to adjust their course registrations up to September 17th, 2021 (nine days after the start of class!) and to modify your 2022 Winter course registrations until January 21, 2022 (classes start January 10th, 2022).

For instructions and help with registering for courses, please visit the "Information for Course Registration" found in the UNB Intranet for Students (unbcloud.sharepoint.com/sites/MyUNB/SitePages/Online-Registration.aspx).

| FALL | | WINTER | |
|----------|---|----------|--|
| APSC1013 | Mechanics I | CHEM1872 | General Physical and Inorganic Chemistry |
| CS1073 | Intro to Computer Programming I (in Java) | CHEM1877 | General Physical and Inorganic Chem Lab |
| ENGG1001 | Engineering Practice Lecture Series | CS1083 | Intro to Computer Programming II (in Java) |
| ENGG1003 | Engineering Technical Communication | CS1103 | Introduction to Databases |
| ENGG1015 | Intro to Eng Design and Problem Solving | ECE1813 | Electricity and Magnetism |
| MATH1003 | Introduction to Calculus I | MATH1013 | Introduction to Calculus II |
| MATH1503 | Introduction to Linear Algebra | | |

For additional program information please refer to the [Undergraduate Academic Calendar](#). Course plans/degree checklists are available on the [SASE Advising pages](#). You are expected to maintain an updated checklist and meet with your Academic Advisor at least once/year to review your course plans.