

# Bachelor of Applied Science in Software Systems Engineering (SSE)

## 2026-2027 Program

9 electives are required

<b>Technical Electives (4 are required):</b>
Four courses that are not included in the core SSE program course requirements. <b>They must include a minimum of two ENSE 400-level courses.</b> Eligible technical electives include any 300- or 400-level CS, ENEL, ENSE, and CTCH courses or other approved technical electives.
<b>Open Elective: two are required</b>
Any 3-credit hour course. (CS 100, CHEM 100 & Stat 160 are <u>not</u> permitted)
<b>Social Science and Humanities Elective: one is required</b>
Any Faculty of Arts course or La Cité course
<b>Natural Science Elective: two are required</b>
Astronomy, Biology, Chemistry, ESC, Physics (CHEM 100 <u>not</u> permitted)

Total credit hours 135 (45 courses)

Non coop or internship term sequencing

Fall	Winter	Spring	Fall	Winter	Spring
1	2		3	4	
Fall	Winter	Spring	Fall	Winter	
5	7	6	8	9	

PLEASE SEE BACK FOR IMPORTANT INFORMATION

Revised Feb 26, 2026– Subject to Change

Term 1 (Fall)		Prerequisites
3.0 CHEM 104		CHEM 30 or CHEM 100 (65%)
3.0 ENGG 100		No prereq required
3.0 PHYS 109		MATH B/C 30 or MATH 102
3.0 MATH 110		MATH B/C 30 (65%)
3.0 MATH 122		MATH B/C 30
Term 2 (Winter)		
3.0 CS 110		MATH B/C 30
3.0 ENGG 123		No prereq required
3.0 ENGL 100		No prereq required
3.0 MATH 111		MATH 110
3.0 ENGG 140		MATH 110 (concurrent enrolment allowed)
Term 3 (Fall)		
3.0 CS 115		MATH 110 (concurrent enrolment is allowed) and CS 110 (65%)
3.0 ENEL 280		MATH 111
3.0 ENEV 223		ENGG 123
3.0 ENSE 271		Completion of 24 credit hrs
3.0 PHYS 112		PHYS 109
Term 4 (Winter)		
3.0 CS 210		CS 115 and MATH 110
3.0 ENSE 281		ENSE 271
3.0 ENEL 282		ENEL 280
3.0 MATH 213		MATH 111 and MATH 122
3.0 STAT 289		MATH 111
Term 5 (Fall)		
3.0 ENSE 311		CS 210, STAT 289
3.0 ENSE 353		ENSE 281
3.0 ENEL 384		ENEL 282
3.0 ENSE 352		CS 210 and ENEL 384 (concurrent enrolment w/ ENEL 384 allowed)
3.0 ENSE 375		ENSE 281
Term 6 (Spring/Summer)		
3.0 MATH 217		MATH 111 and MATH 122
3.0 ECON 201		15 credit hours or ECON 100 or Pre-Cal 20
3.0 App elective		
3.0 App elective		
3.0 App elective		
Term 7 (Winter)		
3.0 ENEL 351		ENSE 352 and ENEL 384
3.0 ENSE 350		MATH 110 and MATH 122 and CS 210
3.0 ENSE 370		ENSE 281
3.0 ENSE 354		ENSE 352 and CS 210
3.0 Approved Elective		
Term 8 (Fall)		
3.0 ENGG 303		STAT 289
3.0 ENSE 400		ENSE 353, ENSE 370, ENSE 375
3.0 ENSE 472		ENSE 353
3.0 Approved Elective		
3.0 Approved Elective		
Term 9 (Winter)		
3.0 ENGG 401		ENSE 400
3.0 ENSE 477		ENSE 400
3.0 Approved Elective		
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3.0 Approved Elective		

# **FOLLOW PROGRAM SHEET IN SEQUENCE TO AVOID DELAYED GRADUATION**

## **Bachelor of Applied Science in Software Systems Engineering (SSE)**

### Important Information

Selection of a Major for students admitted to Engineering General in their first year:

- Application submission starts March 1.
- To apply for a major, general engineering students must have completed or be currently registered in 24 of 30 credit hours (8 of the 10 courses) from TERM 1 and TERM 2. The courses that must be included are ENGG 100, ENGG 123, ENGG 140 and ENGL 100.

Selection of Major form is on the faculty website: <https://www.uregina.ca/engineering/students/student-forms.html>

Social Science/Humanities Elective: Students may use ECON 100 as a social science/humanities elective if the course is taken before ECON 201.

Transfer credit for ENGL LV 100 may be used as a social science/humanities Elective.

BUS 260 is used as the prerequisite for BUS 250 and BUS 210 for engineering students only. Contact the Engineering General Office for registration assistance.

Credit received for STAT 100 and STAT 200 prior to joining the Faculty of Engineering will be accepted as three credit hours for STAT 289.

General engineering students cannot register in STAT 289; STAT 289 is available for students in their major.