

Bachelor of Applied Science in Software Systems Engineering (SSE)

2023-2024 Program

8 electives are required

Term 1 (Fall)		Prerequisites
3.0 CHEM 104		CHEM 30 or CHEM 100 (65%)
3.0 ENGG 123		No prereq required
3.0 ENGG 140		MATH 110 concurrent
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 100		No prereq required
3.0 ENGL 100		No prereq required
3.0 MATH 111		MATH 110
3.0 PHYS 119		ENGG 140
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 MATH 217		MATH 111 and MATH 122
3.0 PHYS 112		PHYS 119
Term 4 (Winter, Spring/Summer)		
3.0 CS 210		CS 115 and MATH 110
3.0 ENSE 271		CS 115
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 CS 215		CS 210
3.0 CS 340		CS 210
3.0 ENEL 384		ENEL 282
3.0 ENSE 352		CS 210 and ENEL 384 (concurrent enrolment w/ ENEL 384 allowed)
3.0 ENSE 374		CS 210
Term 6 (Spring/Summer)		
3.0 BUS 260		ENGL 100
3.0 ECON 201		15 credits or ECON 100
3.0 ENSE 353		CS 215
3.0 ENSE 375		ENSE 374
3.0 Approved 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 374
3.0 Approved Elective		
3.0 Approved Elective		
Term 8 (Fall)		
3.0 ENGG 303		STAT 289 and ECON 201
1.0 ENSE 400		ENSE 370 and successful completion of 99 credit hours
3.0 ENSE 472		CS 215
3.0 ENSE 452		ENEL 351 and CS 210
3.0 Approved Elective		
3.0 Approved Elective		
Term 9 (Winter)		
3.0 ENGG 401		ENSE 400
3.0 ENSE 477		ENSE 400 and ENSE 370
3.0 Approved Elective		
3.0 Approved Elective		
3.0 Approved Elective		

Technical Electives (4 are required):

Four courses that are not included in the core SSE program course requirements. **They must include a minimum of two ENSE 4xx level courses.** Eligible technical electives include any 3xx or 4xx level CS, ENEL, ENSE, and CTCH courses or other approved technical electives.

Open Elective: one is required

Any 3 credit hour course.
(CS 100, CHEM 100 & Stat 160 are not permitted)

Social Science and Humanities Elective: one is required

Any Faculty of Arts course

Natural Science Elective: two are required

Astronomy, Biology, Chemistry, Geology, Physics
(CHEM 100 not permitted)

Total credit hours 136 (46 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 1, 2023– Subject to Change

FOLLOW PROGRAM SHEET IN SEQUENCE TO AVOID DELAYED GRADUATION

Bachelor of Applied Science in Software Systems Engineering (SSE)

Important Information

Selection of a Major: application deadlines are April 1st, August 1st and December 1st.

Eligibility: Students admitted to first year with a major of ENGE apply to the major of their choice with a minimum of 8 of the 10 required courses in Year 1 which include ENGG 100, ENGG 123, ENGG 140 and ENGL 100.

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

ECON 100 as a Social Science/Humanities Elective Students may use ECON 100 as a 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.

PHYS 109 as a Natural Science elective Students may use PHYS 109 as a natural science elective if the course is taken before PHYS 119.

CHEM 100 may not be used as a Natural Science Elective.

*U of R ADMN classes are not accepted by the Faculty of Engineering.

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.

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