⚠️ This worksheet is for **PLANNING PURPOSES ONLY**. In the event of any discrepancy, the academic calendar (uvic.ca/calendar) should be considered the authority.

Degree: Bachelor of Engineering (BEng) and Bachelor of Software Engineering (BSEng)

Faculty: Engineering and Computer Science
Effective: Winter Session 2025/26

BEng / BSEng
ECS Launchpad – Mathematics and/or Science Foundations Pathway

Winter Session	Summer Session

Full Course Load

Fall (Sept – Dec)		Spring (Jan – April)		Summer (May – Aug)	
Requirement	Unit Value	Requirement	Unit Value	Requirement	Unit Value
Math 120 and / or ECS 100[1,2]	1.5 – 3.0	MATH 100 or 109	1.5	CHEM 150/101 or ENGR 141[3,4]	1.5
ENGR 110	2.5	ENGR 120	2.5	MATH 101	1.5
ECS 105	1.5	CSC 110	1.5	MATH 211	1.5
		PHYS 110	1.5	PHYS 111[4]	1.5
Total units: 5.5 – 7.0		**Total units: 7.0**		**Total units: 6.0**	

Minimum Course Load

Fall (Sept – Dec)		Spring (Jan – April)		Summer (May – Aug)	
Requirement	Unit Value	Requirement	Unit Value	Requirement	Unit Value
Math 120 and / or ECS 100[1,2]	1.5 – 3.0	MATH 100 or 109	1.5	MATH 101	1.5
ENGR 110	2.5	ENGR 120	2.5	MATH 211	1.5
ECS 105	1.5	CSC 110	1.5	ENGR 141[4]	1.5
Total units: 5.5 – 7.0		**Total units: 5.5**		**Total units: 4.5**	

Footnotes:
1. Students must complete Math 120 and/or ECS 100 where required. This will be determined upon admission and students will work with the ECS Launchpad Academic Advisor to develop a customized program plan to suit their needs.
2. Students admitted to ECS Launchpad may target Engineering or Computer Science. Students who are unsure which program they wish to target should work with the ECS Launchpad Academic Advisor to develop a customized program plan which allows admission to either program.
3. Students must complete both CHEM 150 or the approved substitute CHEM 101 and ENGR 141 as program requirements for BENG and must complete CHEM 150 or the approved substitute CHEM 101 as a program requirement for BSEng
4. UVIC ENGR 141 is a BEng requirement, but not a BSEng program requirement. A student admitted to the BSEng program may use ENGR 141 credit to satisfy a Technical Elective requirement. UVIC PHYS 111 is a BEng requirement, but not a BSEng program requirement. A student admitted to the BSEng program may use PHYS 111 credit to satisfy a Natural Science Elective requirement.

Have questions regarding this worksheet?
Visit www.uvic.ca/ecs/undergraduate/advising

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