

**Faculty of Engineering**  
**Program Route: Bachelor of Science (BSc) in Engineering Route Course Selection Form**

**Directions:** Complete the following form by selecting your Fall and Winter Term courses for your program route. Once completed, submit the form to [typrec@ualberta.ca](mailto:typrec@ualberta.ca). Course enrollment and changes will be completed by the FPH TYP Associate Director I or the okiskinohamâkew (educator) Associate Director II.

|              |  |
|--------------|--|
| Student Name |  |
| Date         |  |

| Required Courses                                                   | Units | Term      |
|--------------------------------------------------------------------|-------|-----------|
| <a href="#">ENGL 199 English for Engineering Students</a>          | 3     | Fall Term |
| <a href="#">TAKWA (fall) 101</a>                                   | 1.5   |           |
| <a href="#">CHEM 101 Introduction to University Chemistry I</a> ** | 3     |           |
| <a href="#">MATH 144 Calculus for the Physical Sciences I</a> ***  | 3     |           |

|                                                                                                                                                                                                                                                                                                            |     |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------|
| <a href="#">ENGL 125 Indigenous Literatures</a>                                                                                                                                                                                                                                                            | 3   | Winter Term |
| <a href="#">PIPON (winter) 102</a>                                                                                                                                                                                                                                                                         | 1.5 |             |
| <a href="#">CHEM 102 Introduction to University Chemistry II</a> **                                                                                                                                                                                                                                        | 3   |             |
| Select one course from the following options:                                                                                                                                                                                                                                                              | 3   |             |
| <ul style="list-style-type: none"> <li>○ <a href="#">MATH 146 Calculus for the Mathematical and Physical Sciences II</a></li> <li>○ <a href="#">MATH 125 Linear Algebra I</a> **** or</li> <li>○ <a href="#">Impact of Technology on Society (IST) Elective</a> *For more information see note.</li> </ul> |     |             |

**Notes:**

Impact of Technology on Society (ITS) Elective: The following course are regularly offered in the Winter Term:

- [HIST 115 Technology and History](#)
- [PHIL 265 Philosophy of Science](#)
- [STS 200 Introduction to Studies in Science, Technology and Society](#)

Other course offerings are:

- [ENG M 405 Engineering, Business and Society](#)
- [NS 115 Indigenous Peoples and Technoscience](#)
- [HGEO 250 Sustainable Development and Environmental Management](#)
- [PHIL 366 Computers and Culture](#)
- [PHIL 375 Science and Society](#)
- [SOC 363 Sociology of Work and Industry](#)
- [SOC 366 People in Industry](#)
- [SUUST 201 Introduction to Sustainability](#)

\*Minimum grade to transfer IST Elective to the Faculty of Engineering is a C- grade

\*\*Minimum grade to transfer CHEM 101 and CHEM 102 to the Faculty of Engineering is C- grade.

\*\*\*Minimum grade to transfer MATH 144 and MATH 146 to the Faculty of Engineering is B+ grade.

\*\*\*\*Minimum grade to transfer MATH 125 to the Faculty of Engineering is B- grade.