

APPLICATION TO THE CHEMICAL ENGINEERING PROFESSIONAL PROGRAM

Chemical Engineering Department, 330 EB, Brigham Young University, Provo, UT 84602

To apply to the Professional Program, please complete sections A, B, C below **and** the “Technical Elective Approval Form.” Please email both forms, the planning worksheet (See C below), and transcript of grades (from MyMap or AIM) to the academic adviser. After, reviewing your schedule, she will forward the forms to your faculty advisor. Please schedule an appointment to meet with your faculty advisor. The Application to the Program must be completed before seeing [Lavdie Huff](#) about the Technical Elective form. Forms must be submitted before April 15th or December 2nd. Confirmation of your acceptance will be sent to your BYU email, unless otherwise requested below.

If you are a **transfer student** and not yet on campus, you must contact the department academic advisor Lavdie Huff by phone (801-422-4162) or email (lavdie_huff@byu.edu) for instructions.

A. GENERAL INFORMATION

Name _____ Student ID Number _____

Address to which notification is to be sent (if different than Route Y email address) _____

Semester Year you intend to enroll in ChEn 374? Fall _____ Winter _____

Have you served a mission? _____ Do you plan to go? _____ When? Current declared

Major: _____ Major GPA _____ BYU GPA _____

To get these GPAs, go to MyMap and click My Progress Report; under Program Requirements (usually page 2) there is a GPA – this is the Major GPA. On the last page under Academic Summary (usually page 4) are a Total and a BYU GPA. List the BYU GPA. **You must be a ChE major to be admitted.**

B. PLEASE ATTACH A COPY OF YOUR PAST GRADES (from MyMap or AIM). List your grades (or anticipated grades) for the following classes. List both grades if any of them are repeated classes.

Chem 111(or 105) _____ Chem 351 _____ Math 112 _____ Math 302 _____ ChEn 170 _____ ChEn 273 _____

Chem 112 (or 106) _____ Chem 352 _____ Math 113 _____ Math 303 _____ ChEn 263 _____ Phys 121 _____

(Alternatively: Math 213 _____ Math 314 _____ Math 334 _____) Alternatively, Chem 357

C. PLEASE ATTACH THE COMPLETED EXCEL SPREADSHEET SHOWING THE SEMESTERS THAT YOU PLAN ON TAKING THE REQUIRED CLASSES. You can download this [form](#)

D. FACULTY ADVISOR COMMENTS AND APPROVAL (check one box)

☐ I approve of continuation in the professional program.

☐ The student may continue with the professional program, but grades in key pre-requisite courses are of concern.

☐ The student should complete additional course work (described below) before continuing. (comment below)

☐ I recommend that the student should not continue in Chemical Engineering. (comment below)

Other comments:

Faculty Advisor's Signature _____ Date _____

Remember: Your application will not be approved unless it is signed by your faculty advisor, you have declared ChEn your major, and your graduation plan and grade report are attached. You must meet with the department advisor for approval of your technical electives and schedule.

TECHNICAL ELECTIVE APPROVAL FORM

Chemical Engineering Department, 330 EB, Brigham Young University, Provo, UT 84602

A. GENERAL INFORMATION

Name _____

Email _____ Student ID Number _____

B. Electives are dependent on which “catalog” you choose. You can choose any catalog from the year you declared Chemical Engineering as your major or later (but not earlier). Below is a summary of the requirements for the various years. Also see the following sites on chemicalengineering.byu.edu for more information.

- Catalog-specific requirements, [Undergraduate/courses/and planning](#).
- Elective requirements under [Undergraduate/technical/electives](#).
- Approved elective courses under [Undergraduate/ENG/EMSB](#)

Prior to Fall 2009 catalogs– Please refer to BYU’s archived catalogs under [Archived Catalogs](#)

Fall 2018 – Summer 2025:

1. You must complete 2 hours of chemistry lab, level 200 or above. (Chem 113 doesn’t count.)
2. You must complete at least 9 hours of technical **ENGINEERING** elective courses (300-level or above.).
3. You must complete at least 4 hours of **ENGINEERING, MATH, SCIENCE OR BUSINESS** (300-level +)
4. At least 4 but no more than 7 of the elective hours must be from courses that provide opportunity for development of skills used to solve complex engineering problems, otherwise known as Innovation. Of the minimum 3 hours of innovation type courses, at least 3 hours must be Engineering Problem Solving through Experiential Learning (EPSEL) hours. See the department website for a full list of all technical electives.

Summer 2025 or later:

5. You must complete 2 hours of chemistry lab, level 200 or above. (Chem 113 doesn’t count.)
6. You must complete at least 12 hours of technical **ENGINEERING** elective courses (300-level or above.).
7. You must complete at least 4 hours of **ENGINEERING, MATH, SCIENCE OR BUSINESS** (300-level +)
8. At least 4 but no more than 7 of the elective hours must be from courses that provide opportunity for development of skills used to solve complex engineering problems, otherwise known as Innovation. Of the minimum 3 hours of innovation type courses, at least 3 hours must be Engineering Problem Solving through Experiential Learning (EPSEL) hours. See the department website for a full list of all technical electives.

List which catalog you are using for graduation requirements: _____

Requirements	ENG/ EMSB	Course Dept & Number	Course Name	Credit Hours	Semester	Innov/ EPSEL
2 hours of advanced Chemistry lab.						
15 or 18 hours of electives (300 or above) depending on catalog year and O-chem options.						
At least 15 (Fall 2018 – Summer 2025) or 18 (Fall 2025 or later) hours total depending on catalog year and O-chem options.	Total credit hours					

Department Advisor's Signature _____ Date _____