

Chemical Engineering for BYU-I Students

Recommended technical courses for BYU-I students intending to transfer to BYU-Provo to complete a Chemical Engineering BS degree

1. The full coursework requirements for the Chemical Engineering BS degree are listed at <http://catalog2019.byu.edu/engineering/chemical-engineering/chemical-engineering-bs>.
2. **The highest priority courses for you to take in this list are math, chemistry and chemical engineering because they are prerequisites to many other courses and must be taken in order. Getting behind in the math or chemistry sequences can significantly delay your graduation.**
3. In order for a transfer course to satisfy a BYU-Provo requirement, the transfer course must cover equivalent content and generally have at least as many semester credit hours as the corresponding BYU-Provo course or courses.
4. Generally speaking, it is better to transfer to Provo sooner, rather than later. It is not possible to complete all needed second-year courses in Idaho.
5. Contact academic advisor David Oakeson at doakeson@byu.edu if you have questions that are not addressed here. Once you arrive in Provo, you will meet with him to formalize the transfer equivalency of specific major courses. Non-major and Foundations (core) courses are handled separately by the Registrar's Office (see <http://transfer.byu.edu>).

<u>BYU-Provo Required Courses</u>	<u>BYU-Idaho Equivalent Courses</u>
<i>First-year courses</i>	
Chem 111 and 112 (8 hrs)	Chem 105, 105L, 106, 106L
Math 112 and 113 (8 hrs)	FDMat 112 and Math 113
Ch En 170 (2 hrs)	Any 2 engineering credits (can be delayed and taken in Provo as part of electives)
Phys 121 (3 hrs)	PH 121
Bio 100 (3 hrs)	Bio 180 or 221
<i>Second-year courses</i>	
Chem 351, 352, and 353 (8 hrs)	Chem 351, 351L, 352, 352L
Math 302 and 303 (8 hrs)	Math 215, 316; Math 214 can be substituted for Math 215
Math 314	Math 214
Math 213	Math 241
Ch En 263 (2 hrs)	*ME 142 (1 hr counts toward Ch En 170 above)
Ch En 273 (3 hrs)	(course can only be taken in Provo, and should be taken Fall semester of sophomore year)
Stat 201 (3 hrs)	Math 330
Econ 110 (3 hrs)	Econ 151
EC En 301 (3 hrs)	**PH 220 or 223

*ME 142 is allowed, but does not cover all skills in Ch En 263. Recommendation is to take Ch En 263 during Fall semester of sophomore year. It may be taken concurrently with Ch En 273.

**If physics is substituted for EC En 301, a higher proportion of junior/senior electives must be from engineering classes.