

Engineering: Transfer to UBC

Updated August 2, 2024

Columbia College students seeking admission to Engineering at UBC are advised to select from the following courses. Students must **complete a minimum of 27 (UBC) transferable credits** to gain admission to 2nd year Engineering at UBC. The following courses satisfy the Foundation Year for Engineering

Columbia College Equivalent	UBC Required Courses
ENGL 100	ENGL 112
ENGL Lit course or other Arts course	Complementary studies course
MATH 113 + MATH 114	MATH 100 + MATH 101
MATH 252	MATH 152
APSC 160	APSC 160
CHEM 121 + CHEM 123	CC'S CHEM 121 + CHEM 123 together exempts UBC'S CHEM 154 + APSC 101
PHYS 110 + PHYS 120 or PHYS 130 + PHYS 120	PHYS 117* + PHYS 118* + PHYS 119* Or PHYS 157 + PHYS 118* + PHYS 119*
PHYS 118	PHYS 170

*UBC's PHYS 117, PHYS 118, and PHYS 119 satisfy, respectively, the PHYS 157, PHYS 157, and PHYS 159 requirements.

2nd year courses that may be required depending on specialization:

MATH 206 (Civil/Geological/Mining)

Exempts STAT 251

MATH 225 (Computer)

MATH 220

PHYS 200 (Engineering Physics)

PHYS 200 or PHYS 250

Note 1

An English Lit course (ENGL 108, 110, 121, 131) along with ENGL 100 will satisfy the English Language Admission Standard (ELAS), if completed by December for Fall intake. The ELAS deadline is February 15th, so taking a literature course in Winter semester (Jan-Apr) would be too late. Students who do not complete an ENGL Lit course by December can satisfy ELAS with IELTS or TOEFL instead.

For more information: <https://you.ubc.ca/applying-ubc/requirements/english-language-competency-ok/>

Note 2

Some Mechanical Engineering 2nd year courses at UBC have the following prerequisites:

ENGL 100, MATH 113/114/252, PHYS 110/120 or PHYS 120/130, and PHYS 118

These courses must be completed by April in order to be eligible for 2nd Year Mechanical Engineering.

Other engineering specializations starting at 2nd year also have specific prerequisites (completed by April).