Applied Science/Engineering: Transfer to SFU

Updated June 7, 2024

SFU Applied Sciences/Engineering

Transfer Students must have completed at least 24 credits, including the courses marked with an asterisk (*).

ENGL 100 (minimum C-) will satisfy SFU's English Language Proficiency requirement.

School of Engineering Sciences (5 Streams)

Computer Engineering Major

The following courses will satisfy requirements in the Computer Engineering Major

- CSCI 120* or APSC 160* (CSCI 120 prerequisite for CSCI 125)
- CSCI 225 (prerequisite CSCI 125)
- CHEM 121*
- ECON 103
- MATH 113*
- MATH 114
- MATH 213
- MATH 221 (prerequisite MATH 120)
- MATH 230
- MATH 252
- PHYS 110*
- PHYS 120

Three Complementary Arts studies, at least one of which must be a Humanities course and one science elective at SFU.

Humanities: ARTH 100, ENGL 108, ENGL 110, ENGL 121, ENGL 131, HIST 110, HIST 120, PHIL 101, PHIL 102

Electronics Engineering Major

The following courses satisfy requirements in the Electronics Engineering Major

- CHEM 121
- ECON 103
- MATH 113*
- MATH 114*
- MATH 213
- MATH 230
- MATH 252
- PHYS 110*
- PHYS 120*

Three Complementary Arts studies, at least one of which must be a Humanities course at SFU.

Humanities: ARTH 100, ENGL 108, ENGL 110, ENGL 121, ENGL 131, HIST 110, HIST 120, PHIL 101, PHIL 102

Systems Engineering Major
The following courses satisfy requirements in the Systems Engineering Major
- CHEM 121
- MATH 113*
- MATH 114*
- MATH 213
- MATH 230
- MATH 252
- PHYS 110*
- PHYS 120*
- ECON 103

Three Complementary Arts studies, at least one of which must be a Humanities course at SFU.
Humanities: ARTH 100, ENGL 108, ENGL 110, ENGL 121, ENGL 131, HIST 110, HIST 120, PHIL 101, PHIL 102

Biomedical Engineering Honours
The following courses satisfy requirements in the Biomedical Engineering Honours
- CSCI 120* or APSC 160*
- ECON 103
- CHEM 121
- MATH 113*
- MATH 114*
- MATH 213
- MATH 230
- MATH 252
- PHYS 110*
- PHYS 120*

Three Complementary Arts studies, at least one of which must be a Humanities course at SFU.
Humanities: ARTH 100, ENGL 108, ENGL 110, ENGL 121, ENGL 131, HIST 110, HIST 120, PHIL 101, PHIL 102

Engineering Physics Honours
The following courses satisfy requirements in the Engineering Physics Honours
- CSCI 120* or APSC 160*
- ECON 103
- CHEM 121
- MATH 113*
- MATH 114*
- MATH 213
- MATH 230
- MATH 252
- PHYS 110
- PHYS 120*

Three Complementary Arts studies, at least one of which must be a Humanities course at SFU.
Humanities: ARTH 100, ENGL 108, ENGL 110, ENGL 121, ENGL 131, HIST 110, HIST 120, PHIL 101, PHIL 102

School of Mechatronic Systems Engineering (MSE) Major

The following courses satisfy requirements in the MSE Major
- CSCI 120* or APSC 160*
- CHEM 121
- MATH 113*
- MATH 114*
- MATH 213
- MATH 230
- MATH 252
- PHYS 110* (not equivalent of SFU's PHYS 140 + PHYS 141)

Three Complementary Arts studies , at least one of which must be a Humanities course at SFU. ECON 103 is strongly recommended to take as a B-SOC.

Humanities: ARTH 100, ENGL 108, ENGL 110, ENGL 121, ENGL 131, HIST 110, HIST 120, PHIL 101, PHIL 102

School of Sustainable Energy Engineering (SEE) Major

The following courses satisfy requirements in the SEE major
- CSCI 120* or APSC 160*
- CHEM 121*
- MATH 113
- MATH 114*
- MATH 213
- MATH 230
- MATH 252
- PHYS 110* (not equivalent of SFU's PHYS 140 + PHYS 141)
- ECON 103 – strongly recommended as a Complementary Arts elective

Three Complementary Arts studies, at least one of which must be a Humanities course at SFU.

Humanities: ARTH 100, ENGL 108, ENGL 110, ENGL 121, ENGL 131, HIST 110, HIST 120, PHIL 101, PHIL 102