The University of British Columbia
Department of Electrical & Computer Engineering

Policy concerning
Free Electives

This policy is effective for students who entered 2ⁿᵈ year in Electrical and Computer Engineering in September 2013 or after.

Undergraduate programs offered by the Department of Electrical & Computer Engineering permit students to choose free electives. Depending on a student's program/option, the student may fit 3 or 6 credits of free electives to satisfy program requirements.

Free electives are intended to allow students to explore a breadth of coursework that can extend beyond engineering or science coursework. Courses cannot be applied to more than one ECE requirement but free elective coursework can be applied towards ECE requirements and towards requirements of Minors (e.g., Mathematics Minor, Commerce Minor).

In applying courses to the free electives requirement of their program, students should note that all of the following criteria apply to the free electives requirement:

- At most 3 credits of a language course can be applied to the free elective requirement.
- At most 3 credits of 100-level coursework can be applied to the free elective requirement.
- At most 3 credits of University-level transfer credit can be applied to the free electives requirement. Advanced placement credit or credit obtained for courses completed in high school cannot be applied to satisfy this requirement. In other words, *at least three credits must be completed at UBC and all six credits must be completed in a University setting.*

Students that complete MATH 220 (Mathematical Proof), either as a program requirement or otherwise, should note that credit will not be provided for MATH 220 and PHIL 220. Also, PHIL 220 (Symbolic Logic) cannot be used in place of MATH 220 to satisfy a program requirement or a mathematics elective requirement.

Examples (*These are for guidance.*)

Valid selections for 6 credits of free elective coursework:

- EECE 356, MATH 302
- PHIL 102, PHIL 211A
- PHIL 125, COMM 458
- CRWR 201, ENGL 222
- ENGL 225, MATH 340
- CPSC 404, ASTR 102
- Transfer credit for IOL 102, PHIL 211B

Invalid selections for 6 credits of free elective coursework:

- SPAN 101, SPAN 102
- CHIN 118, CHIN 314

Document History

- Created May 15, 2014, by Sathish Gopalakrishnan.
- Revised September 14, 2014, by Sathish Gopalakrishnan to elaborate on high school credit as well as MATH 220/PHIL 220 exclusion.