



Electrical Engineering with Law

Department of Electrical and Computer Engineering

This combined program will allow exceptional students interested in high technology and the associated legal issues to pursue an education in Electrical Engineering in the Department of Electrical and Computer Engineering combined with an education in Law. The program requires six academic years rather than the usual seven years if both degrees were to be completed separately. The possible careers for the graduates include legal and technical issues associated with electrical engineering, patent and intellectual property law, and others.

Admission and Program Structure

A student interested in the combined B.E.Sc./JD program will normally apply during their third year in the Faculty of Engineering. Application must be made in writing to the Office of the Associate Dean - Academic of the Faculty of Engineering. The student must also apply to the Faculty of Law by the published deadline, normally May 1. It is the student's responsibility to ensure that a separate application is submitted to the Faculty of Law. Details may be found on the Law website at: www.law.uwo.ca. To be eligible for the combined program, students must have completed all the requirements of the first year curriculum in the Faculty of Engineering, and the second and third year program, Option D, in the Department of Electrical and Computer Engineering with either a minimum cumulative weighted average (CWA) of 80% or standing in the top 10% of the class. In addition, the applicant must meet the minimum LSAT requirement and other special criteria established by the Faculty of Law for admission to the combined program. Entrance into the combined degree program is competitive and limited.

First year program (2010-2011): Applied Math 1413, Eng Sci 1050, Physics 1026, Applied Math 1411a/b, Chemistry 1024a/b, Eng Sci 1036a/b, Eng Sci 1021a/b, Eng Sci 1022a/b/y, 1.0 non-technical elective.

Second year program (2011-2012): Applied Math 2415, Comp Sci 1037a, ECE 2205a, ECE 2240a, ECE 2277a, ECE 2231b, ECE 2233b, ECE 2236b, ECE 2241b, Eng Sci 2211F, MME 2234b.

Third year program (2012-2013): Applied Math 3415a, ECE 3330a, ECE 3332a, ECE 3337a, Stat Sci 2141a, ECE 3331b, ECE 3333b, ECE 3336b, ECE 3370b, ECE 3375b, 0.5 non-technical elective taken from the approved list.

Fourth year program (2013-2014): First year Law curriculum. No courses outside Law may be taken during this year.

Fifth and sixth year programs (2014-2015 & 2015-2016): ECE 4416, ECE 4437a, ECE 4470a. In years five and six students must complete the following requirements for the JD:

- The two compulsory upper-year Law courses
- At least three Law core-group courses (must include Law 5220)
- Additional Law courses equaling at least 25 credit hours (must include one of the optional courses listed below under "The Impact of Technology on Society")
- One Law course must have an essay requirement of at least two credit hours.

Notes: Fulfillment of the Faculty of Engineering requirement of courses that expose students to the impact of technology on society, ethical issues, and economics must be taken as follows:

- Ethical Issues: Law 5130 "Legal Ethics & Professionalism" – part of the first year Law curriculum.
 - The Impact of Technology on Society: One of: Law 5615 "Biotechnology Law", Law 5605 "Advanced Issues in Technology Law", Law 5350 "Media Law", Law 5600 "Advanced Intellectual Property", Law 5620 "Information Law", the former Law 453 "Internet Law", Law 5625 "Intellectual Property", Law 5630 "International Protection of Intellectual Property", or Law 5610 "Advanced Patent Law".
- In addition, there may be a Selected Topics course offered which may be approved on an individual basis.
- Economics: Law 5220 "Income Taxation".