



# Software Engineering *with Law*



## *Department of Electrical and Computer Engineering*

This combined program allows exceptional students interested in high technology and the associated legal issues to pursue an education in Software 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. These combined programs meet the needs of those students who want a full education in Software Engineering and also want to expand their education to include the legal impact of modern technology on society. The possible avenues for the graduates include legal and technical issues associated with software engineering, patent and intellectual property law, internet law, ethical issues, 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](http://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 C, in the Software program with either a minimum cumulative weighted average (CWA) of 80% or standing in the top 10% of the class. In addition, the applicant must be admitted to the Faculty of Law and meet the minimum LSAT requirement 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 Mathematics 2415, SE 2250a, SE 2251a, ECE 2277a, Comp Sci 1037a, Stat Sci 2141a, SE 2203b, SE 2205b, ECE 2238b, Eng Sci 2211G, 0.5 science course from the approved list.

***Third Year program*** (2012-13): SE 3309a, SE 3313a, SE 3316a, SE 3352a, ECE 4436a, SE 3310b, SE 3314b, SE 3351b, SE 3353b, ECE 3375b SE 3350y.

***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): SE 4450, SE 4452a, SE 4472a, SE 4453b. 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.
- Thought Processes of the Humanities and Social Sciences: Law 5125 "The Foundations of Canadian Law" – 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".