RYERSON UNIVERSITY – SCHOOL OF GRADUATE STUDIES
DOCTOR OF PHILOSOPHY / MASTER OF APPLIED SCIENCE / MASTER OF ENGINEERING
ELECTRICAL AND COMPUTER ENGINEERING
PROGRAM OF STUDY

DEGREE REQUIREMENTS https://www.ryerson.ca/graduate/calendar/programs-and-courses/		
PhD • **Four elective course credits** • **EE9010: Research Seminar** • **Candidacy Examination** • **Dissertation**	**MASc** • **Five elective course credits** • **EE8010: Research Seminar** • **Thesis**	**MEng** • **Ten elective course credits OR** • **Eight elective course credits and Project**

The supervisor will recommend an initial Program of Study and submit it for approval by the *Associate Chair of Graduate Studies*, within four weeks of the student's first term of study. The Program of Study establishes the student's plan of courses and research, which the student will follow in completing the PhD / MASc / MEng degree requirements. This is the starting point for the student's record and will be used to monitor the student's progress in courses and in their research. MEng students who do not have an assigned supervisor may email their completed form to gradinfo@ee.ryerson.ca by the **SEPTEMBER 30 DEADLINE.**

For official course offerings, class schedules and to add/drop courses please consult RAMSS my.ryerson.ca

Fall 2019	Winter 2020 (Tentative)
EE8010 MASC Research Seminar is a required two term course in the Fall and Winter	
EE9010 PHD Research Seminar is a required two term course in the Fall and Winter	
EE8103 Random Processes	EE8102 Signal Detection Theory
EE8105 Digital Signal Processing	EE8108 Multimedia Processing and Communications
EE8107 Digital Communications	EE8121 Wireless Networks
EE8114 Optical Communications and Networks	EE8123 Radio Frequency Circuits Systems
EE8122 Opto-electronic Devices	EE8209 Intelligent Systems
EE8202 Digital Image Processing	EE8215 Human Computer Interaction
EE8205 Embedded Computer Systems	EE8216 Computer Networks
EE8213 Computer Network Security	EE8221 Systems-on-chip Design
EE8217 Reconfigurable Computing Systems	EE8408 Switch Mode Power Supplies
EE8218 Parallel Computing	EE8409 Electromagnetic Theory
EE8405 Power System Stability and Control	EE8416 Modelling and Control of Power
EE8502 CMOS Mixed-Mode Circuits and Systems	EE8503 VLSI Circuits and Systems for Comm
EE8506 Digital CMOS VLSI Integrated Circuits	EE8504 Adv VLSI/FPGA Sys Design & Opt Alg
EE8604 Selected Topics: Electrical Engineering I	EE8505 Digital Systems Testing
EE8608 Selected Topics in Electrical Engineering II	EE8603 Selected Topics: Computer Engineering
EE8901 Smart Grids	EE8601 Directed Studies may only be taken once at the master's level and once at the doctoral level
EE8601 Directed Studies may only be taken once at the master's level and once at the doctoral level	

Student Identification Number	Student Last / Family Name	Student First Name	
Degree (Circle) PhD / MASc / MEng	Supervisor Name	First Term of Registration	Expected Completion Date

COURSE PLAN

Course Number	Course Title	Term To Be Taken	Signatures	
			Supervisor	Program Director