

Options and Minors Requirements Summary

Department of Electrical and Computer Engineering
 University of Waterloo
 Waterloo, Ontario, Canada N2L 3G1
 Fax: +1 519 746 3077
 Web: ece.uwaterloo.ca/Undergrad/Academics/Options/

Instructions
 1. Print one copy of this form
 2. Fill in the blanks and circle courses from a list.
 3. Submit this with your **Intention To Graduate Form**.

Surname	Given Name(s)	UW Student ID Number
Date	Signature	

Enter the appropriate information for your option. If a ...
 If a list of courses is given, circle the course(s) which you took to satisfy the requirement. Note that in no cases may the same course satisfy two different requirements for an Option.

Biomechanics

- CIVE 460/ME 598 LIST A _____ LIST B _____
 LIST C _____ LIST D _____ ECE 492A/B (requires approval)

Computer Engineering Option (Electrical Engineering Students only)

- ECE 103 ECE 222 ECE 223 ECE 250 ECE 251 ECE 354
 Two from ECE 324, ECE 355, ECE 427, ECE 428, ECE 429, ECE 454, ECE 456, ECE 457
 or other courses from CS or SYDE as specified in the Calendar

Environmental Engineering Option

- LIST A _____ LIST B _____ LIST C _____
 LIST A _____ LIST C _____ LIST C _____
 LIST B, C, or D _____

Management Science

- MSCI 261 MSCI 331 MSCI 211/311
 MSCI _____ MSCI _____ MSCI _____

Mathematics Option

- MATH 211 MATH 212 ECE 316 MATH 235
 One of PMATH 334, PMATH 336, PMATH 345
 One of AMATH/PMATH 331, AMATH/PMATH 332
 Two from AMATH/PMATH 331, AMATH/PMATH 332, AMATH 333/PMATH 365
 AMATH 351, AMATH 353, AMATH 361, AMATH 451, AMATH 453, AMATH 456
 PMATH 334/PMATH 335, PMATH 336/PMATH 346, PMATH 340, PMATH 360
 MATH 239, CO 342, CO 350, CO 367

Mechatronics Option

- ECE 100 ECE 104/204 ECE 150 ECE 222 ECE 309 ECE 324
 ECE 316 ECE 380 ECE 241 ECE 362 ME 321/SYDE 382
 One from ECE 463, ME 561
 One from ECE 354, ECE 450, SYDE 372, SYDE 423, SYDE 575
 ECE 484
 One from ECE 457, ECE 486, ME 547, SYDE 422, SYDE 558
 One from ME 322, ME 524, SYDE 454, SYDE 533, SYDE 555

Physics Option

PHYS 115 PHYS 125 PHYS 234 PHYS 334 ECE 309
Either 3 from PHYS 259, PHYS 359, PHYS 364, PHYS 365, PHYS 434,
PHYS 435, PHYS 443, PHYS 444, PHYS 454
or 3 from PHYS 364, PHYS 365, PHYS 375, AMATH 475, PHYS 445, PHYS 475

Software Engineering Option

ECE 103 ECE 104/204 ECE 222 ECE 223 ECE 250
 ECE 251 ECE 324 ECE 354 ECE 380 ECE 456
 ECE 451 ECE 452 ECE 453

Applications: _____

Business Issues: _____

Societal Issues: _____

Reasoning Methodologies: _____

One of Communications , Business Issues, Societal Issues, or Reasoning Methodologies :

For any other option or minor, print the appropriate page from the Undergraduate Calendar and check the appropriate courses.

_____ Departmental Approval

_____ Date