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 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