CSE/EE Dual Major Program **– Co-op Plan A**

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	MATH 1850 Single Variable Calculus I..... 4 cr. CHEM 1230 General Chemistry I..... 4 cr. ENGL 1110 College Composition I..... 3 cr. EECS 1000 EECS First Year Design ..... 3 cr. PHIL 1010 Introduction to Logic ..... 3 cr. Total 17 hours	MATH 1860 Single Variable Calculus II ..... 4 cr. PHYS 2130 Physics for Sci & Eng. I ..... 5 cr. EECS 2000 Professional Development..... 1 cr. EECS 1510 Intro. to Obj. Orient. Prog. ..... 3 cr. ENGL 2950 Sci. & Tech. Rpt. Writing or ENGL 2960 Organizational Rpt Wrtg ..... 3 cr. Total 16 hours	
Sophomore Year	MATH 2850 Elem. Multivrble Calculus ..... 4 cr. PHYS 2140 Physics for Sci & Eng. II ..... 5 cr. EECS 1100 Digital Logic Design ..... 4 cr. EECS 2500 Linear Data Structures..... 3 cr. Hum/Soc/MC Elective..... 3 cr. Total 19 hours	EECS 3940:001 Co-Op Experience # 1	MATH 2860 Elem Differential Equations.... 3 cr. MATH 2890 Numerical Meth & Linear Alg . 3 cr. EECS 2300 Electric Circuits..... 4 cr. EECS 2110 Comp. Arch. & Organization... 3 cr. EECS 2520 Discrete Structures..... 3 cr. Total 16 hours
Pre-Junior Year	EECS 3940:002 Co-Op Experience # 2	EECS 3400 Electronics I..... 4 cr. EECS 3210 Signals & Systems ..... 3 cr. EECS 2510 Nonlinear Data Structures..... 3 cr. EECS 3710 Electromagnetics I..... 3 cr. EECS 3220 Electric Circuits II..... 3 cr. Total 16 hours	EECS 3940:003 Co-Op Experience #3
Junior Year	EECS 3150 Data Communications ..... 3 cr. EECS 3420 Electronics II ..... 3 cr. EECS 3460 Elec. Energy Conversion ..... 3 cr. ECON 1200 Microeconomics ..... 3 cr. Hum/Soc/MC Elective..... 6 cr. Total 18 hours	EECS 3540 Op Systems & Sys Prog ..... 3 cr. EECS 3300 Probabilistic Methods ..... 3 cr. EECS 3550 Software Engineering ..... 3 cr. EECS 3720 Electromagnetics II..... 3 cr. EECS 4100 Theory of Computation 3 cr EECS 4200 Feedback Control Systems 3 cr Total 18 hours	OPTIONAL EECS 3950:004 Co-Op Experience # 4
Senior Year	EECS 4010 Senior Design I..... 1 cr. EECS 3100 Microsystems Design..... 4 cr. EECS 3440 Electronics Lab..... 1 cr. EECS 4360 Communication Systems ..... 3 cr. EECS 4600 Solid State Devices..... 4 cr. Breadth Elective ..... 3 cr. Total 16 hours	EECS 4020 Senior Design II..... 3 cr. EECS 3480 Energy Conversion Lab..... 1 cr. EECS Tech/Professional Elective ..... 3 cr. EECS Tech/Professional Elective ..... 3 cr. MIME 3400 Thermodynamics I or CIVE 1150 Statics..... 3 cr. Breadth Elective..... 3 cr. Total 16 hours	

CSE/EE Dual Major Program **– Co-op Plan B**

	Fall Semester	Spring Semester	Summer Semester
Freshman Year	MATH 1850 Single Variable Calculus I..... 4 cr. CHEM 1230 General Chemistry I..... 4 cr. ENGL 1110 College Composition I..... 3 cr. EECS 1000 EECS First Year Design ..... 3 cr. PHIL 1010 Introduction to Logic ..... 3 cr. Total 17 hours	MATH 1860 Single Variable Calculus II ..... 4 cr. PHYS 2130 Physics for Sci & Eng. I ..... 5 cr. EECS 2000 Professional Development..... 1 cr. EECS 1510 Intro. to Obj. Orient. Prog. ..... 3 cr. ENGL 2950 Sci. & Tech. Rpt. Writing or ENGL 2960 Organizational Rpt Wrtg ..... 3 cr. Total 16 hours	
Sophomore Year	MATH 2850 Elem. Multivrble Calculus ..... 4 cr. PHYS 2140 Physics for Sci & Eng. II ..... 5 cr. EECS 1100 Digital Logic Design ..... 4 cr. EECS 2500 Linear Data Structures..... 3 cr. Hum/Soc/MC Elective..... 3 cr. Total 19 hours	MATH 2860 Elem Differential Equations.... 3 cr. MATH 2890 Numerical Meth & Linear Alg . 3 cr. EECS 2300 Electric Circuits..... 4 cr. EECS 2110 Comp. Arch. & Organization... 3 cr. EECS 2520 Discrete Structures..... 3 cr. Total 16 hours	EECS 3940:001 Co-Op Experience # 1
Pre-Junior Year	EECS 3400 Electronics I ..... 4 cr. EECS 3210 Signals & Systems..... 3 cr. EECS 3220 Electric Circuits II ..... 3 cr. EECS 2510 Nonlinear Data Structures ..... 3 cr. EECS 3710 Electromagnetics I ..... 3 cr. Total 16 hours	EECS 3940:002 Co-Op Experience # 2	EECS 3150 Data Communications ..... 3 cr. EECS 3420 Electronics II..... 3 cr. EECS 3460 Elec. Energy Conversion..... 3 cr. ECON 1200 Microeconomics..... 3 cr. Hum/Soc/MC Elective ..... 6 cr. Total 18 hours
Junior Year	EECS 3940:003 Co-Op Experience #3	EECS 3540 Op Systems & Sys Prog ..... 3 cr. EECS 3300 Probabilistic Methods ..... 3 cr. EECS 3550 Software Engineering ..... 3 cr. EECS 3720 Electromagnetics II..... 3 cr. EECS 4100 Theory of Computation 3 cr EECS 4200 Feedback Control Systems .... 3 cr. Total 18 hours	OPTIONAL EECS 3950:004 Co-Op Experience # 4
Senior Year	EECS 4010 Senior Design I..... 1 cr. EECS 3100 Microsystems Design..... 4 cr. EECS 3440 Electronics Lab..... 1 cr. EECS 4360 Communication Systems ..... 3 cr. EECS 4600 Solid State Devices..... 4 cr. Breadth Elective ..... 3 cr. Total 16 hours	EECS 4020 Senior Design II..... 3 cr. EECS 3480 Energy Conversion Lab..... 1 cr. EECS Tech/Professional Elective ..... 3 cr. EECS Tech/Professional Elective ..... 3 cr. MIME 3400 Thermodynamics I or CIVE 1150 Statics..... 3 cr. Breadth Elective..... 3 cr. Total 16 hours	

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