4-Year Course Plan with Co-Op Experience for
Web Design & Engineering

Fall	Winter	Spring
MATH 11 - Calculus I	MATH 12 - Calculus II	MATH 13 - Calculus III
Natural Science	University Core (Cultures & Ideas 1)	University Core (Cultures & Ideas 2)
University Core (Critical Thinking & Writing 1)	University Core (Critical Thinking & Writing 2)	University Core (Religion, Theology & Culture 1)
COEN 10 - Introduction to Programming[1]	COEN 11 - Advanced Programming	COEN 12 - Data Structures
ENGR 1 - Introduction to Engineering (2 units)		

Fall	Winter	Spring
MATH 14 - Calculus IV	AMTH 108 - Probability and Statistics	University Core
University Core	SOCI 49 - Computers, Internet and Society	University Core
COMM 2 - Media in a Global World	COMM 12 - Technology and Communication	COMM 30 - Introduction to Digital Filmmaking
COEN 60 - Introduction to Web Technologies	Free Elective[2]	Free Elective

Fall	Winter	Spring
ARTS 174 - Computer Imaging	ARTS 177 - Website Graphic Design	Co-Op Experience: 6 months (Spring and Summer)
University Core	University Core	
University Core	COEN 161 - Web Programming I	
COEN 146 - Computer Networks	COEN 163 - Web Usability	

Fall	Winter	Spring
ARTS 175 - Graphic Design	University Core	COEN 162 - Web Infrastructure
ENGL 181 - Engineering Communications	Free Elective	COEN 164 - Web Programming II
COEN 174 - Software Engineering	Free Elective	COEN 169 - Web Information Management
COEN 194 - Senior Design I (2 units)	COEN 195 - Senior Design II (2 units)	COEN 196 - Senior Design III (2 units)

| | Arts, Humanities & Social Science | | Math & Science | | Engineering | | Other |

[1]Students with previous programming experience, as determined by advanced placement credit or the department's programming diagnostic exam, may replace COEN 10 with a free elective. [2]Free electives sufficient for a total of 175 units.

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