Sample 4-Year Course Plan 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
CSEN 60 - Introduction to Web Technologies	CSEN 10 - Introduction to Programming[1]	CSEN 11 - Advanced Programming
ENGR 1 & 1L - Introduction to Engineering (1 unit each to taken in any order during the first year)		

Fall	Winter	Spring
MATH 14 - Calculus IV	AMTH 108 - Probability and Statistics	University Core[2]
University Core	SOCI 49 - Technology, Social Media & Society	University Core
COMM 50 - Media and Technology Studies	COMM 12 - Technology and Communication	COMM 3 - Digital Storytelling -OR- COMM 30 - Digital Filmmaking
CSEN 12 - Data Structures	Free Elective	Free Elective

Fall	Winter	Spring
ARTS 174 - Computer Imaging	ARTS 177 - Website Graphic Design	ARTS 175 - Graphic Design
University Core[3]	University Core	ENGL 181 - Engineering Communications
University Core	CSEN 161 - Web Development	CSEN 162 - Web Infrastructure
CSEN 146 - Computer Networks	CSEN 163 - Web Usability	CSEN 164 - Advanced Web Development

Fall	Winter	Spring
University Core	Free Elective	Free Elective
Educational Enrichment Elective	Educational Enrichment Elective	Educational Enrichment Elective
CSEN 174 - Software Engineering	CSEN 169 - Web Information Management	Educational Enrichment Elective
CSEN 194 - Senior Design I (2 units)	CSEN 195 - Senior Design II (2 units)	CSEN 196 - Senior Design III (2 units)

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

[1] Students with previous programming experience may replace CSEN 10 with a free elective.
[2] An RTC 1 course such as ENGR 16 is recommended during the sophomore year.
[3] An Ethics course such as ENGR 19 is recommended during the junior year.

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