

Department of Computer & Information Science - College of Engineering - UMass Dartmouth
Requirements for Bachelor of Science in Computer Science with a Concentration in Software Engineering\* (updated: 6/6/2023 jm)

Student Name: \_\_\_\_\_
Student ID: \_\_\_\_\_

Date: \_\_\_\_\_
Advisor: \_\_\_\_\_

CIS Core Courses (Grade of "C" or better) - 44 Credits
Table with 2 columns: Course ID, Course Description. Includes CIS 180, CIS 181, CIS 190, CIS 272, CIS 273, CIS 280, CIS 360, CIS 361, CIS 370, CIS 481, CIS 498, CIS 499.

Mathematics Requirements - 17 Credits
Table with 2 columns: Course ID, Course Description. Includes MTH 153, MTH 154, MTH 181, MTH 182, Math Elective.

Science/Quantitative Requirements - Minimum 14 Credits
Table with 2 columns: Course ID, Course Description. Includes PHY 113, PHY 114, Science Elective, CIS 362.

English Requirements/Foundations for Engagement - 9 Credits
Table with 2 columns: Course ID, Course Description. Includes ENL 101, ENL 102, ENL 266.

Ethics and Social Responsibility/Science in the Engaged Community - 3 Credits
Table with 2 columns: Course ID, Course Description. Includes CIS 381.

University Studies\*\* - 18 Credits
Table with 2 columns: Course ID, Course Description. Includes EGR 111, Literature, Visual and Performing Arts, Human Questions and Contexts, Nature of US Society, Nature of the Global Society.

Free Elective - 3 credits
Table with 2 columns: Course ID, Course Description. Includes (3)

Comment Box
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CIS Elective, 4 courses required, (Grade of "C" or better) - Minimum 12 Credits
Table with 2 columns: Course ID, Course Description. Includes Required Course (CIS 432), Complete Two Electives (CIS 440, CIS 446, CIS 461, CIS 469), One Additional Course.

\*A minimum 2.00 GPA in the major, a minimum 2.00 cumulative GPA, and a minimum 120 earned credits to graduate.
\*\*USC -University Studies Cluster; A preapproved list can be found at: http://www.umassd.edu/universitystudies/approvedcourses/
Note: Any CIS core course or technical elective that is a prerequisite to another CIS course, must be passed with a grade of C or better in order to satisfy the prerequisite.