

Department of Computer & Information Science - College of Engineering - UMass Dartmouth
Requirements for Bachelor of Science In Computer Science* (updated: 2/17/2021 jm)

Student Name: _____
Student ID: _____

Date: _____
Advisor: _____

CIS Core Courses (Grade of "C" or better) - 44 Credits
Table with 2 columns: Course ID, Course Name and Prerequisites. 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 Name and Prerequisites. Includes MTH 153, MTH 154, MTH 181, MTH 182, MTH 331.

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

CIS Elective, 4 courses required, (Grade of "C" or better) - Minimum 12 Credits
Table with 2 columns: Course ID, Course Name and Prerequisites. Includes CIS 410, CIS 412, CIS 430, CIS 431, CIS 433, CIS 434, CIS 440, CIS 442, CIS 443, CIS 444, CIS 446, CIS 447, CIS 452, CIS 454, CIS 455, CIS 461, CIS 463, CIS 464, CIS 465, CIS 466, CIS 467, CIS 468, CIS 469, CIS 471, CIS 475, CIS 476, CIS 477, CIS 490.

English Requirements/Foundations for Engagement - 9 Credits
Table with 2 columns: Course ID, Course Name and Prerequisites. 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 Name and Prerequisites. Includes CIS 381.

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

Free Electives - A single course or combination that adds up to 3 Credits
Table with 2 columns: Course ID, Course Name and Prerequisites. Includes a blank row for (3) credits.

Comment Box
Table with 2 columns: Course ID, Course Name and Prerequisites. Includes a blank row for comments.

*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.