Computer Science Minor 2016-18 Advising Checklist
Semester Units: At least 16   Core Units: 16-20

Prerequisite Course (if not already taken) (0-4)

_____ CMPS 2010 – Programming I: Programming Fundamentals (4) (grade of C- or better)

Lower Division Required (4)

_____ CMPS 2020 – Programming II: Data Structures and Algorithms (4) (grade of C- or better)

Lower Division Elective (Choose one of the following courses) (3-4)

_____ CMPS 2120 – Discrete Structures (4) (MATH 3000 may be substituted for CMPS 2120)

_____ CMPS 2240 – Computer Architecture I: Assembly Language Programming (4)

_____ CMPS 2650 – Linux Environment and Administration (4)

_____ CMPS 2680 – Web Programming I (3)

Upper Division Requirement (8-9) (At least 8 units of 3000- or 4000-level CMPS courses)
 Upper division CMPS courses are either 3 units or 4 units, so one needs 2-3 courses for this requirement.
 Note: MATH 3300 may be substituted for one 3000-level CMPS course

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Additional 2000-level or higher CMPS Units Needed to Reach 16 Units (0-1)

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Notes on Lower Division Elective and Upper Division Requirements
 The lower division elective should be chosen to support the upper division coursework the student wishes to complete.
 Carefully review the prerequisites for upper division CMPS courses in the course catalog.
 Example: CMPS 3560 – Artificial Intelligence has CMPS 2020 with a grade of C- or better and CMPS 2120 as
    prerequisites. So a student who wishes to take CMPS 3560 for the Computer Science minor should choose
    CMPS 2120 as their lower division elective.