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

   ______

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

   ______

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.