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|  | **Minor in Computer Science 2018-20 Catalog Advising Checklist** |  | Name: |  |
|  | **Semester Units: At least 16** |  | ID #: |  |

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| Prerequisite Course (if not already taken for major) (0-4) | | |  |
|  |  | CMPS 2010 - Progr. I: Programming Fundamentals (4) (grade of C- or better) | Advising Notes: |
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| Lower Division Required (4) | | |
|  |  | CMPS 2020 - Progr. II: Data Structures and Algorithms (4) (grade of C- or better) |
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| Lower Division Elective (Choose one of the following courses) (3-4) | | |
|  |  | CMPS 2120 - Discrete Structures (4) (MATH 3000 may be substituted for 2120) |
|  |  | CMPS 2240 - Computer Architecture I: Assembly Language Programming (4) |
|  |  | CMPS 2650 - Linux Environment and Administration (4) |
|  |  | CMPS 2680 - Web Programming I (3) |
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| Upper Division Requirement (At least 8 units of 3000- or 4000-level CMPS courses) (8-9) | | |
|  | Upper division CMPS courses are either 3 units or 4 units, so one needs 2-3 courses for this area. | |
|  | Note: MATH 3300 may be substituted for one 3000-level 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. | |  |