

Student's name: \_\_\_\_\_ EWU ID: \_\_\_\_\_

College of Science, Technology, Engineering, and Mathematics

SOAR Department: Comp Sci | SOAR Major: CSC

Major Declaration Form: Computer Science, BS-COMPSC

Math proficiency needed: MATH 161

Bachelor of Science in Computer Science  
2017-2018 Catalog Year

| First year courses and prerequisites   | Notes                                   | Previously offered ** |
|--|---|-----------------------|
| <input type="checkbox"/> MATH 161 CALCULUS I (5 cr.)<br>Prerequisites: MATH 142 and ENGL 100.  | Satisfies Math Reasoning Proficiency    | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> ENGL 101 COLL COMP: EXPOSITN & ARGUMNT (5 cr.)<br>Prerequisite: ENGL 100, Writing Placement Test or General Advising.             | Satisfies Writing Competency            | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> CPLA 100 & 101 COMPUTER APPLICATIONS LITERACY (1 cr.)   | Satisfies Computer Literacy Proficiency | Every F, W, Sp, Su    |
| <input type="checkbox"/> CSCD 210 PROGRAMMING PRINCIPLES I (5 cr.)<br>Prerequisites: ≥2.0 MATH 141 and previous programming experience HIGHLY RECOMMENDED. |   | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> MATH 162 CALCULUS II (5 cr.)<br>Prerequisite: MATH 161.   |   | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> ENGL 201 COLL COMP: ANALYSIS/RES/DOCMNT (5 cr.)<br>Prerequisite: ENGL 101, Writing Placement Test or general advising.            | Satisfies Writing Proficiency           | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> CSCD 211 PROGRAMMING PRINCIPLES II (5 cr.)<br>Prerequisites: CSCD 210 with a grade ≥2.5, MATH 142 with a grade ≥2.0.              |   | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> MATH 231 LINEAR ALGEBRA (5 cr.)<br>Prerequisite: MATH 142.  |   | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> EENG 160 DIGITAL CIRCUITS (4 cr.)<br>Prerequisite: MTHD 104 or equivalent.  |   | F16, W17, Sp17        |
| <input type="checkbox"/> CSCD 240 C AND UNIX PROGRAMMING (5 cr.)<br>Prerequisites: CSCD 211 with a grade ≥2.5 or concurrent enrollment.                    |   | F16, W17, Sp17        |

I have discussed this academic plan with the student listed above. Advisor name: \_\_\_\_\_

Advisor signature: \_\_\_\_\_

\* Prerequisites, corequisites, or other conditions must be met before enrolling in this course. See the catalog for details.

Consult your academic advisor when choosing your electives. Your choices may affect your time to graduation.

To follow this MAP, you should place into MATH 161. If you place lower, your custom MAP may change.

This list of courses is for information purposes only. All students are required to follow the catalog requirements for the year they declared a major.

| Second year courses and prerequisites  | Notes  | Previously offered ** |
|--|--|-----------------------|
| <input type="checkbox"/> MATH 301 DISCRETE MATHEMATICS (5 cr.)<br>Prerequisite: MATH 142.  | Satisfies Math Reasoning Proficiency         | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> CSCD 260 ARCHITECTURE & ORGANIZATION (4 cr.)<br>Prerequisites: CSCD 240 with a grade $\geq 2.5$ , EENG 160 with a grade $\geq 2.0$ .                        |  | F16, Sp17             |
| <input type="checkbox"/> Lab Science Sequence 1 (see catalog) (5 cr.)  |  |                       |
| <input type="checkbox"/> MATH 380 ELEM PROBABILITY & STATISTICS (5 cr.)<br>Prerequisites: MATH 141 or Mathematics Proficiency Clearance, Computer Literacy Competency recommended.   | Satisfies Math Reasoning Proficiency         | F16, W17, Sp17        |
| <input type="checkbox"/> CSCD 300 DATA STRUCTURES (5 cr.)<br>Prerequisites: CSCD 211 with a grade $\geq 2.5$ , MATH 301 with a grade $\geq 2.0$ .                                    |  | F16, W17, Sp17        |
| <input type="checkbox"/> Lab Science Sequence 2 (see catalog) (5 cr.)  |  |                       |
| <input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)  | Satisfies General Education Core Requirement | Every F, W, Sp, Su    |
| <input type="checkbox"/> CSCD 320 ALGORITHMS (5 cr.)<br>Prerequisites: CSCD 300 with a grade $\geq 2.5$ , MATH 301 with a grade $\geq 2.0$ , advancement programming exam clearance. |  | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> Different Science GEGR (5 cr.)  |  |                       |

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| Third year courses and prerequisites   | Notes  | Previously offered ** |
|--|--|-----------------------|
| <input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)  | Satisfies General Education Core Requirement | Every F, W, Sp, Su    |
| <input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)  | Satisfies General Education Core Requirement | Every F, W, Sp, Su    |
| <input type="checkbox"/> CSCD 327 RELATIONAL DATABASE SYSTEMS (4 cr.)<br>Prerequisites: MATH 301 with a grade of $\geq 2.0$ (or MATH proficiency) and (CSCD 211 with a grade $\geq 2.5$ or CSCD 255 with a grade $\geq 2.5$ ). |  | F16, W17, Sp17, Su17  |
| <input type="checkbox"/> Group A elective (see catalog) (4 cr.)  |  |                       |
| <input type="checkbox"/> CSCD 330 COMPUTER NETWORKS (4 cr.)<br>Prerequisites: CSCD 300 with a grade $\geq 2.5$ , advancement programming exam clearance.   |  | F16, W17, Sp17        |
| <input type="checkbox"/> CSCD 302 COMPUTING ETHICS (4 cr.)<br>Prerequisite: ENGL 101.  |  |                       |
| <input type="checkbox"/> Group A elective (see catalog) (4 cr.)  |  |                       |
| <input type="checkbox"/> CSCD 370/371/327/373 (4 cr.)* (choose one)  |  |                       |
| <input type="checkbox"/> CSCD 340 OPERATING SYSTEMS (5 cr.)<br>Prerequisites: CSCD 240 with a grade $\geq 2.5$ , advancement programming exam clearance.   |  | F16, Sp17, Su17       |
| <input type="checkbox"/> CULTURAL & GENDER DIVERSITY (ANY ONE) (5 cr.)   | Satisfies Cultural & Gender Diversity        | Every F, W, Sp, Su    |
| <input type="checkbox"/> CSCD 378 (4 cr.)* or 379 (4 cr.)*   |  |                       |
| <input type="checkbox"/> Group A or B elective (see catalog) (4 cr.)   |  |                       |

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| Fourth year courses and prerequisites   | Notes  | Previously offered ** |
|---|--|-----------------------|
| <input type="checkbox"/> INTERNATIONAL STUDIES (ANY ONE) (5 cr.)  | Satisfies International Studies              | Every F, W, Sp, Su    |
| <input type="checkbox"/> GENERAL EDUCATION CORE REQUIREMENT (5 cr.)   | Satisfies General Education Core Requirement | Every F, W, Sp, Su    |
| <input type="checkbox"/> CSCD 349 DESIGN PATTERNS (4 cr.)<br>Prerequisites: CSCD 300 with a grade $\geq 2.5$ , advancement programming exam clearance.  |  | F16, W17, Sp17        |
| <input type="checkbox"/> CSCD 488 SENIOR PROJECT (5 cr.)<br>Prerequisites: CSCD 327 with a grade $\geq 2.5$ , CSCD 350 with a grade $\geq 2.5$ , either CSCD 378 or CSCD 379, and advancement programming exam clearance. |  | F16, W17, Su17        |
| <input type="checkbox"/> CSCD 350 SOFTWARE ENGINEERING (4 cr.)<br>Prerequisites: CSCD 349 with a grade $\geq 2.5$ and advancement programming exam clearance.   |  | F16, Sp17             |
| <input type="checkbox"/> Group B elective (see catalog) (5 cr.)   |  |                       |
| <input type="checkbox"/> CSCD 490 SENIOR CAPSTONE (5 cr.)<br>Prerequisites: CSCD 488 prior quarter.   | Satisfies Senior Capstone                    | W17, Sp17             |
| <input type="checkbox"/> Advanced Coursework course (see catalog) (4 cr.)   |  |                       |
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