<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
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<td>Offered: every spring.</td>
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<tr>
<td>CSC 109</td>
<td>Robotics Introduction to Computer Science</td>
<td>3</td>
<td>Corequisite: CSC 109L, minimum grade of C in CSC 112 &amp; CSC 112L. Offered: fall.</td>
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<td>Offered: every spring.</td>
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<td>CSC 111</td>
<td>Introduction to Programming</td>
<td>3</td>
<td>Corequisite: CSC 111L, minimum grade of C in CSC 112 &amp; CSC 112L. Offered: fall.</td>
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<td>Offered: every spring.</td>
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<td>CSC 112</td>
<td>Data Structures</td>
<td>3</td>
<td>Corequisite: CSC 112L, minimum grade of C in CSC 112 &amp; CSC 112L. Offered: every spring.</td>
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<td>CSC 213</td>
<td>Large Scale Programming</td>
<td>3</td>
<td>Corequisite: CSC 213L, minimum grade of C in CSC 112 &amp; CSC 112L. Offered: once a year.</td>
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CSC 351 Comparative Programming Languages 3 Credits
A study of programming languages and their implementations. Programming in logical and functional programming languages is included.
Prerequisite: minimum grade of C in CSC 112 & CSC 112L. Corequisite: CSC 351L.
Offered: spring 2017.

CSC 351L Comparative Programming Languages Laboratory 1 Credit
Required lab for CSC 351.
Prerequisites: minimum grade of C in CSC 112 and 112L. Corequisite: CSC 351.

CSC 360 Intelligent Systems 3 Credits
An introduction to intelligent systems including logic and rule-based systems, machine learning, and applications of AI.
Prerequisite: minimum grade of C in CSC 112 & CSC 112L and completion of MAT 191 or MAT 230. Corequisite: CSC 360L.
Offered: occasionally.

CSC 360L Intelligent Systems Laboratory 1 Credit
Required lab for CSC 360.
Prerequisite: minimum grade of C in CSC 112 and 112L and completion of MAT 191 or MAT 230. Corequisite: CSC 360.
Offered: occasionally.

CSC 380 Web Development 3 Credits
Web design principles, programming and scripting (both client-side and server-side), client/server mechanisms, search engines, and security.
Prerequisite: minimum grade of C in CSC 111 & CSC 111L and junior or senior standing. Corequisite: CSC 380L.
Offered: fall 2016.

CSC 380L Web Development Laboratory 1 Credit
Required lab for CSC 380.
Prerequisite: minimum grade of C in CSC 111 and 111L. Corequisite: CSC 380.

CSC 391 Computer Science Junior Seminar 1 Credit
Topic-focused exploration involving students and faculty.
Prerequisite: permission of instructor.

CSC 395 Software Engineering 3 Credits
An examination of a variety of techniques and concepts that have been created to improve the software production process. Includes discussions of software processes, Agile software development, requirements engineering, testing, and software evolution.
Prerequisite: minimum grade of C in CSC 213 & CSC 213L. Corequisite: CSC 395L.
Offered: fall 2016.

CSC 395L Software Engineering Lab 1 Credit
Required lab for CSC 395.
Prerequisite: minimum grade of C in CSC 213 and 213L. Corequisite: CSC 395.

CSC 400 Special Topics in Computing 3 Credits
Current topics of interest to faculty and students. Possible topics: cryptography, advanced scripting languages, networking, etc.
Prerequisite: minimum grade of C in either CSC 112 & CSC 112L or in CSC 212 & CSC 212L and in either MAT 111, MAT 191 or MAT 230. Corequisite: CSC 400L. Restriction: must be junior or senior Computer Science major.
Offered: every spring.

CSC 400L Special Topics in Computing Laboratory 1 Credit
Required lab for CSC 400.
Prerequisites: minimum grade of C in either CSC 112 & CSC 112L or in CSC 212 & CSC 212L and in either MAT 111, MAT 191 or MAT 230. Corequisite: CSC 400. Restriction: must be junior or senior Computer Science major.
Offered: every spring.

CSC 480 Research Experience 0 Credits
Research project done in conjunction with a faculty advisor.
Offered: every fall & spring.

CSC 481 Research Experience 1 Credit
Research project done in conjunction with a faculty advisor for credit.
Offered: every fall & spring.

CSC 491 Computer Science Senior Seminar 1 Credit
Topic-focused exploration involving students and faculty.
Prerequisite: permission of instructor.

CSC 497 Internship 1-3 Credits
Special projects for local institutions/businesses. Must be related to a specific focused task and involve a significant learning component. Internships require an application and approval by the associate dean. Credit is not given simply for a part-time job. Approved project proposal and results documentation required. Does not count as a CSC elective.
Prerequisite: permission of chair & associate dean.

CSC 498 Independent Project 3 Credits
A directed project course that includes research, design, and implementation of a software system.
Prerequisite: permission of instructor.

CSC 499 Independent Study 1-4 Credits
An in-depth study of a specific computing topic. Independent studies require an application and approval by associate dean.
Prerequisite: junior or senior standing; & permission of instructor, chair, & associate dean.