<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor(s)</th>
<th>Notes</th>
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<tbody>
<tr>
<td>105CMPTR LTRCY</td>
<td>Verts</td>
<td>CATALOG REQUISITE (PRE-REQ CHECK): NONE</td>
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<tr>
<td>119INTRO PROGRAMMING</td>
<td>Verts</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): NON-CMPSCI MAJORS ONLY.</td>
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<tr>
<td>120PRBLM SLVNG W/INPRINT</td>
<td>Verts</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): NON-CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>121Anderson, Moll</td>
<td>Verts</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): NON-CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>187Barrington</td>
<td>PGMG W/DATA STRCTRS</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): CMPSCI 121 WITH A GRADE OF 'C' OR BETTER.</td>
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<tr>
<td>190DM</td>
<td>Barrington</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): UNDERGRADUATE STUDENTS ONLY.</td>
</tr>
<tr>
<td>190IN</td>
<td>Verts, Trim</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): NON-CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>191ABarrington, Moll</td>
<td>CMPSCI MAJORS RAP SEM</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): CMPSCI RAP MAJORS ONLY.</td>
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<tr>
<td>197BAnderson, Moll</td>
<td>ST-ADV ASSIGN FOR 121</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): UNDERGRADUATES ONLY.</td>
</tr>
<tr>
<td>197CScarrici</td>
<td>ST-PGMG IN C</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): CMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
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<tr>
<td>197UDeVaughn-Brown</td>
<td>ST-HANDBS-ON INTRO UNIX</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): CMPSCI MAJORS ONLY.</td>
</tr>
<tr>
<td>197WPScarrici</td>
<td>ST-INTRO TO HTML/CSS</td>
<td>CLASS ASSOCIATED REQ (ELIG RESTRICTIONS): CMPSCI MAJORS ONLY.</td>
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</tbody>
</table>

**INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.**

ATTENDING THE FIRST LECTURE IS MANDATORY. ALL STUDENTS MUST HAVE ACCESS TO A COMPUTER FOR PERFORMING ASSIGNMENTS. COMPUTER MUST RUN WINDOWS XP, WINDOWS VISTA, WINDOWS 7, OR WINDOWS 8, WITH A RECENT VERSION OF MICROSOFT OFFICE (NOTHING EARLIER THAN MICROSOFT OFFICE 2003). MACINTOSH WITH OFFICE 2011 ALLOWED, BUT OFFICE 2008 NOT RECOMMENDED (NOT ALL ASSIGNMENTS CAN BE PERFORMED ON A MAC). STUDENTS WITHOUT THEIR OWN COMPUTER MAY USE CAMPUS PC LABS. PLEASE CHECK 105 WEBSITE. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

MANDATORY ATTENDANCE TO FIRST CLASS MEETING IS ESSENTIAL. ALL STUDENTS MUST HAVE ACCESS TO A COMPUTER CONNECTED TO THE INTERNET FOR PERFORMING ASSIGNMENTS. PC RECOMMENDED; MAC ALLOWED FOR MOST, BUT NOT ALL ASSIGNMENTS. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

DISCUSSIONS MEET AFTER FIRST LECTURE. IF YOU HAVE QUESTIONS ABOUT 121 COURSE ADMINISTRATION, CONTACT CS121admin@cs.umass.edu. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

FOUNDATIONS COURSE FOR THE INFORMATICS MAJOR (BDIC). STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

MUST BE ENROLLED IN CMPSCI 121 CONCURRENTLY. STUDENTS NEEDING PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

INSTRUCTORS CONSENT TO ADD BEGINNING 9/12. INSTRUCTORS CONSENT TO DROP OR WITHDRAW THROUGH 9/18 ONLY. COURSE RUNS FOR 6 WEEKS (LECT 01: 9/16, 9/23, 9/30; LECT 02: 9/17, 9/24, 10/1, 10/8, AND 10/15; LECT 03: 9/22, 9/29, 10/6, 10/13-MONDAY CLASS SCHEDULE). STUDENTS WHO HAVE TAKEN CMPSCI 230 ARE NOT ELIGIBLE FOR THIS COURSE. CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

INSTRUCTORS CONSENT TO ADD BEGINNING 9/12. INSTRUCTORS CONSENT TO DROP OR WITHDRAW THROUGH 9/18. COURSE RUNS FOR 6 WEEKS (9/9/14-10/21/14; NO CLASS ON 10/14). CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

STUDENTS WHO ARE ENROLLED IN OR HAVE TAKEN CMPSCI 326 ARE NOT ELIGIBLE FOR THIS COURSE. INSTRUCTORS CONSENT TO ADD BEGINNING 9/12. INSTRUCTORS CONSENT TO DROP OR WITHDRAW THROUGH 9/18. COURSE RUNS FOR 6 WEEKS (9/9/14-10/21/14; NO CLASS ON 10/14). CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
<table>
<thead>
<tr>
<th>CRN</th>
<th>Instructor</th>
<th>Course Description</th>
<th>Prerequisite Check</th>
<th>Eligibility Restrictions</th>
<th>Notes/Comments</th>
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<tr>
<td>220</td>
<td>Guha, Richards</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
<td>CMPSCI MAJORS ONLY.</td>
<td>STUDENTS ARE STRONGLY ADVISED NOT TO TAKE 220/230 IN THE SAME SEMESTER. DUE TO ENROLLMENT PRESSURE, THE UPC RESERVES THE RIGHT TO DROP STUDENTS ENROLLED IN BOTH FROM EITHER COURSE WHEN NECESSARY. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>Chaganti</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
<td>CMPSCI MAJORS ONLY.</td>
<td>STUDENTS ARE STRONGLY ADVISED NOT TO TAKE 220/230 IN THE SAME SEMESTER. DUE TO ENROLLMENT PRESSURE, THE UPC RESERVES THE RIGHT TO DROP STUDENTS ENROLLED IN BOTH FROM EITHER COURSE WHEN NECESSARY. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>240</td>
<td>Jensen</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242) AND MATH 132 WITH A GRADE OF 'C' OR BETTER.</td>
<td>CMPSCI MAJORS ONLY.</td>
<td>STUDENTS ARE ADVISED NOT TO TAKE 240/250 IN THE SAME SEMESTER. DUE TO ENROLLMENT PRESSURE, THE UPC RESERVES THE RIGHT TO DROP STUDENTS ENROLLED IN BOTH FROM EITHER COURSE WHEN NECESSARY. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>250</td>
<td>Immerman</td>
<td>MATH 132 AND CMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
<td>CMPSCI, MATH, AND CSENG MAJORS ONLY.</td>
<td>NOT INTENDED FOR CMPSCI MAJORS OR MINORS. NOT INTENDED FOR CS MINORS.</td>
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<tr>
<td>290NW</td>
<td>Liberatore</td>
<td>NONE</td>
<td>NON-CMPSCI MAJORS ONLY. NOT INTENDED FOR CS MINORS.</td>
<td></td>
<td>SATISFIES JUNIOR YEAR WRITING REQUIREMENT. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>305</td>
<td>Trim</td>
<td>ENGLWRIT 112 WITH GRADE OF 'C' OR BETTER.</td>
<td>JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
<td>CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>311</td>
<td>Siegelmann</td>
<td>CMPSCI 250 (OR MATH 455) WITH GRADE OF 'C' OR BETTER.</td>
<td>CMPSCI MAJORS ONLY.</td>
<td>CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
<td>SATISFIES INTEGRATIVE EXPERIENCE REQUIREMENT FOR CMPSCI MAJORS. CSENG MAJORS WILL BE ADMITTED ONLY IF SPACE ALLOWS. MEETS WITH CMPSCI 529. AN OPTIONAL HONORS COLLOQUIUM MAY BE AVAILABLE FOR THIS COURSE. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>320</td>
<td>Anderson</td>
<td>CMPSCI 220 WITH GRADE OF 'C' OR BETTER.</td>
<td>SOPHOMORE, JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
<td>CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>325</td>
<td>Hudlicka</td>
<td>NONE</td>
<td>NONE.</td>
<td>25 SEATS RESERVED FOR CS MAJORS. INFORMATICS (BDIC) MAJORS SHOULD REQUEST AN OVERRIDE. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
<td></td>
</tr>
<tr>
<td>326</td>
<td>Richards</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
<td>SOPHOMORE, JUNIOR AND SENIOR CMPSCI MAJORS ONLY.</td>
<td>SATISFIES INTEGRATIVE EXPERIENCE REQUIREMENT FOR CMPSCI MAJORS. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
<td></td>
</tr>
<tr>
<td>345</td>
<td>Meliou</td>
<td>CMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
<td>NONE.</td>
<td>20 SEATS ARE RESERVED FOR JUNIORS. SOPHOMORES, AND FRESHMEN. STUDENTS ARE EXPECTED TO HAVE BASIC PROGRAMMING SKILLS, AND BE ABLE TO OCCASIONALLY USE LAPTOPS IN CLASS. STUDENTS WHO HAVE TAKEN CMPSCI 445 ARE NOT ELIGIBLE. STUDENTS NEEDING SPECIAL PERMISSION (INSTRUCTOR PERMISSION IF NOT MEETING PREREQUISITE) MUST REQUEST OVERRIDES (FOR AVAILABLE SEATS) VIA THE ON-LINE FORM: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>. COURSE NUMBER CHANGED FROM 390DB TO 345.</td>
<td></td>
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</tbody>
</table>

**Class Notes/Comments:**

- INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.
- MEETS WITH CMPSCI 529. AN OPTIONAL HONORS COLLOQUIUM MAY BE AVAILABLE FOR THIS COURSE. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
- CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
- CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
- SATISFIES INTEGRATIVE EXPERIENCE REQUIREMENT FOR CMPSCI MAJORS. CSENG MAJORS WILL BE ADMITTED ONLY IF SPACE ALLOWS. MEETS WITH CMPSCI 529. AN OPTIONAL HONORS COLLOQUIUM MAY BE AVAILABLE FOR THIS COURSE. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
- 25 SEATS RESERVED FOR CS MAJORS. INFORMATICS (BDIC) MAJORS SHOULD REQUEST AN OVERRIDE. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
- 20 SEATS ARE RESERVED FOR JUNIORS. SOPHOMORES, AND FRESHMEN. STUDENTS ARE EXPECTED TO HAVE BASIC PROGRAMMING SKILLS, AND BE ABLE TO OCCASIONALLY USE LAPTOPS IN CLASS. STUDENTS WHO HAVE TAKEN CMPSCI 445 ARE NOT ELIGIBLE. STUDENTS NEEDING SPECIAL PERMISSION (INSTRUCTOR PERMISSION IF NOT MEETING PREREQUISITE) MUST REQUEST OVERRIDES (FOR AVAILABLE SEATS) VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides. COURSE NUMBER CHANGED FROM 390DB TO 345.
SPIRE REGISTRATION INFORMATION for Fall 2014

CATALOG REQUISITE (PRE-REQ CHECK):
CMPSCI 230 WITH A GRADE OF 'C' OR BETTER.
CMPSCI 220 (OR CMPSCI 230) AND CMPSCI 240, BOTH WITH GRADE OF 'C' OR BETTER.
CMPSCI 187 (OR E&C-ENG 242) WITH A GRADE OF 'C' OR BETTER.
CMPSCI 220 (OR CMPSCI 230) WITH A GRADE OF 'C' OR BETTER.
CMPSCI 230 AND ENGLWRIT 112 WITH A GRADE OF 'C' OR BETTER, OR CW G.E.D. REQUIREMENT.
CMPSCI 250 (OR MATH 455) AND CMPSCI 377, ALL WITH A GRADE OF 'C' OR BETTER.
CMPSCI 230 (OR CMPSCI 377) AND CMPSCI 240 (OR STATISTICS 515), BOTH WITH A GRADE OF 'C' OR BETTER.
CMPSCI 377 WITH GRADE OF 'C' OR BETTER.
CMPSCI 320 WITH A GRADE OF 'C' OR BETTER.
UNDERGRADUATES: CMPSCI 320 WITH GRADE OF 'C' OR BETTER.
CMPSCI 320 WITH A GRADE OF 'A-' OR BETTER.
CMPSCI 250 (OR MATH 455) WITH A GRADE OF 'B' OR BETTER.
UNDERGRADUATES: CMPSCI 220 (OR CMPSCI 230) WITH A GRADE OF 'C' OR BETTER.

CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):
CMPSCI MAJORS ONLY.
JUNIOR AND SENIOR CMPSCI MAJORS ONLY.
CMPSCI MAJORS ONLY.
CMPSCI MAJORS ONLY.
CMPSCI MAJORS ONLY.
JUNIOR AND SENIOR CMPSCI MAJORS ONLY.
JUNIOR AND SENIOR CMPSCI MAJORS ONLY.
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CMPSCI MAJORS ONLY.
CMPSCI MAJORS ONLY.
CMPSCI MAJORS ONLY.
CMPSCI MAJORS ONLY.

CLASS NOTES/COMMENTS:
INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.
DISCUSSION MEETS AFTER FIRST LECTURE. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION (INSTRUCTOR PERMISSION IF NOT MEETING PREREQUISITE) MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
CMPSCI MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
AN OPTIONAL HONORS COLLOQUIUM IS AVAILABLE FOR THIS COURSE. CS MINORS, APPLICANTS-ON-CONTRACT, AND OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
STUDENTS WHO ARE NOT CMPSCI MAJORS BUT HAVE SUFFICIENT PROGRAMMING EXPERIENCE, CMPSCI GRADUATE STUDENTS, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
CMPSCI GRADUATE STUDENTS, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
STUDENTS NEED ACCESS TO AN INTEL PROCESSOR MACHINE (PREFERABLY A LAPTOP FOR USE IN CLASS) RUNNING THE MOST RECENT VERSION OF OSX, AND WILL BE REQUIRED TO JOIN THE APPLE DEVELOPER PROGRAM TO USE THE NECESSARY SOFTWARE. IF USING A HACKINTOSH, STUDENTS ARE STRONGLY ADVISED TO FIRST CHECK COMPATIBILITY WITH THE DEVELOPMENT KIT AND SIMULATOR. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
STUDENTS NEEDING SPECIAL PERMISSION (INSTRUCTOR PERMISSION IF NOT MEETING PREREQUISITE) MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
MEETS WITH CMPSCI 621. LECT 01=UG; LECT 02=GRADS. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
MEETS WITH CMPSCI 610. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
MEETS WITH CMPSCI 610. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
GROSS-LISTED WITH MATH 513. LECT 01=UG; LECT 02=GRADS. IF NOT MEETING PREREQUISITES, STUDENTS NEEDING INSTRUCTOR PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
LECT 01=UG; LECT 02=GRADS. LINGUISTICS MAJORS WITH SOME PROGRAMMING EXPERIENCE WILL LIKELY BE ADMITTED AND ENCOURAGED TO CONTACT INSTRUCTOR. STUDENTS NEEDING INSTRUCTOR PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.
SENIOR CMPSCI MAJORS MAY TAKE FOR CREDIT IF PREREQUISITES FOR CMPSCI 410 ARE MET WITH PERMISSION OF INSTRUCTOR. MEETS WITH CMPSCI 410. 5 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

9/1/2014
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Catalog Requisite (Pre-Req Check)</th>
<th>Class Associated Req (Elig Restrictions)</th>
<th>Class Notes/Comments</th>
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<tr>
<td>611</td>
<td>ADV ALGRMS</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td>Informational Only - Does Not Affect SPIRE Enrollment.</td>
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<td>621</td>
<td>ADV SWENG/ANALYSIS</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
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<tr>
<td>630</td>
<td>SYSTEMS</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td></td>
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<tr>
<td>646</td>
<td>INFO RTRVL</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td></td>
</tr>
<tr>
<td>650</td>
<td>APPLIED INFO THEORY</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
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<tr>
<td>653</td>
<td>CMPTR NTWKING</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td></td>
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<tr>
<td>670</td>
<td>CMPTR VISION</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td>Permission of Instructor. Prerequisite: Any course in Probability and Statistics. Course number changed from CMPSCI 691ST to CMPSCI 670. Number changed from CMPSCI 691A to CMPSCI 670.</td>
</tr>
<tr>
<td>683</td>
<td>ARTFCL INTELLGNC</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
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<tr>
<td>689</td>
<td>** DELETED</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td>Permission of Instructor for CMPSCI Majors Meeting the Prerequisite of CMPSCI 413 and CMPSCI 311 with a 'C' or better. Students needing special permission must request overrides via the on-line form: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
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<tr>
<td>690IV</td>
<td>KALOGERAKIS</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td>No Prereq for CS Grads. For others, required prerequisites or equiv: CMPSCI 311, 383, and 390RG (OR 473), all with a grade of A- or better. Students needing special permission must request overrides via the on-line form: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>690PE</td>
<td>PERFORMANCE EVAL</td>
<td>NONE</td>
<td>CMPSCI Graduate Students Only.</td>
<td>Undergraduate or Graduate Course on Probability Theory. 4 seats are reserved for MA Educ Majors. Students needing special permission must request overrides via the on-line form: <a href="https://www.cs.umass.edu/overrides">https://www.cs.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>691O</td>
<td>S-TOOLS-EXPL&amp;TUTR SY</td>
<td>NONE</td>
<td>GRADUATE STUDENTS ONLY.</td>
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SPIRE REGISTRATION INFORMATION for Fall 2014

CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):

CATALOG REQUISITE (PRE-REQ CHECK):

691PT Houmansadr
S-HOT TPCS-PRVCY ENHNCG TECH
NONE

701 STAFF
ADV TOPICS IN CMPSCI
NONE

891M Barrington
THRY OF CMPTN
NONE

899 STAFF
PH D DISSERTATION
NONE

H320 Osterweil
HONORS COLLOQ - 320
NONE

H345 Meliou
HONORS COLLOQ - 345
NONE

H391B Weems
HONORS COLLOQ - 391B
NONE

H453 Venkataramani
HONORS COLLOQ - 453
NONE

CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):

CMPSCI GRADUATE STUDENTS ONLY.

CLASS NOTES/COMMENTS:

INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.

THE CLASS WILL MEET WEEKLY. STUDENTS ARE ASKED TO READ AND REVIEW TWO PAPERS PER WEEK. EVERY STUDENT IS ALSO REQUIRED TO PRESENT TWO PAPERS TO THE CLASS DURING THE SEMESTER (THE ACTUAL NUMBER DEPENDS ON THE CLASS ENROLLMENT). ADDITIONALLY, STUDENTS WHO REGISTER FOR 3 CREDIT HOURS ARE REQUIRED TO WORK WITH THE INSTRUCTOR TO PICK A RESEARCH PROJECT, WHICH SHOULD BE REPORTED AND PRESENTED BY THE END OF THE SEMESTER. LECT 01=3 CR; LECT 02=1 CR. UNDERGRADUATES AND GRADUATE STUDENTS FROM OTHER DEPARTMENTS WITH INSTRUCTOR PERMISSION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

DOCTORAL, MASTERS STUDENTS ONLY.

DOCTORAL, MASTERS STUDENTS ONLY.

NONE

OPEN TO SENIOR, JUNIOR, AND SOPHOMORE COMMONWEALTH HONORS COLLEGE STUDENTS ONLY.

STUDENTS MUST BE ENROLLED IN CMPSCI 320. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.

OPEN TO SENIOR, JUNIOR, AND SOPHOMORE COMMONWEALTH HONORS COLLEGE STUDENTS ONLY.

STUDENTS MUST BE ENROLLED IN CMPSCI 345. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides. COURSE NUMBER CHANGED FROM 390DB TO 345.

OPEN TO SENIOR, JUNIOR COMMONWEALTH HONORS COLLEGE STUDENTS ONLY.

STUDENTS MUST BE ENROLLED IN CMPSCI 453. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cs.umass.edu/overrides.