SPIRE REGISTRATION INFORMATION for Spring 2017

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<tr>
<th>Course</th>
<th>CATALOG REQUISITE (PRE-REQ CHECK)</th>
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<th>CLASS NOTES/COMMENTS</th>
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<td>105</td>
<td>CMPT LTRCY</td>
<td>UNDERGRADUATE NON-CS MAJORS ONLY.</td>
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<tr>
<td>119</td>
<td>INTRO PROGRAMMING</td>
<td>UNDERGRADUATE NON-CS MAJORS ONLY.</td>
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<td>121</td>
<td>R1.</td>
<td>UNDERGRADUATE STUDENTS ONLY.</td>
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<td>145</td>
<td>PRBLM SLVNG W/CMPTRS</td>
<td>UNDERGRADUATE NON-CS MAJORS ONLY.</td>
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<td>187</td>
<td>WANG, Thota</td>
<td>UNDERGRADUATES ONLY.</td>
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<tr>
<td>190D</td>
<td>Liberatore</td>
<td>FRESHMEN AND SOPHOMORE CS MAJORS ONLY.</td>
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<tr>
<td>197C</td>
<td>Scarllo</td>
<td>FRESHMEN AND SOPHOMORE CS MAJORS ONLY.</td>
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</tr>
<tr>
<td>197S</td>
<td>Pikovsky</td>
<td>FRESHMEN AND SOPHOMORE CS MAJORS ONLY.</td>
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<tr>
<td>197U</td>
<td>Foley</td>
<td>FRESHMEN AND SOPHOMORE CS MAJORS ONLY.</td>
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<tr>
<td>197WP</td>
<td>Scarllo</td>
<td>FRESHMEN AND SOPHOMORE CS MAJORS ONLY.</td>
<td></td>
</tr>
<tr>
<td>18J</td>
<td>Berger</td>
<td>FRESHMEN AND SOPHOMORE CS MAJORS ONLY.</td>
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</tr>
</tbody>
</table>

CS MAJORS ARE NOT ELIGIBLE FOR THIS COURSE. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.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.cics.umass.edu/overrides.

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BEGINNING WITH THE SPRING 2017 OFFERING, THE PREREQUISITE FOR COMPSCI 187 REQUIRES A GRADE OF B OR BETTER IN 121 (OR C OR BETTER IN COMPSCI 190D). ATTEND DISCUSSION EVEN IF BEFORE FIRST CLASS MEETING. 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.cics.umass.edu/overrides.

COURSES WHO HAVE TAKEN COMPSCI 230 ARE NOT ELIGIBLE FOR THIS COURSE. COURSE RUNS FOR 6 WEEKS (2/1, 2/8, 2/15, 2/22, 3/1, and 3/8). ADD/DROP THROUGH 2/6. INSTRUCTOR CONSENT REQUIRED TO WITHDRAW 2/7-2/10 ONLY. CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

COURSE RUNS FOR 6 WEEKS (1/30/17-3/10/17: 1/30, 2/6, 2/13, 2/20, 3/6, 3/13). ADD/DROP THROUGH 2/6. INSTRUCTOR CONSENT REQUIRED TO WITHDRAW 2/7-2/10 ONLY. CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

COURSES WHO ARE ENROLLED IN OR HAVE TAKEN COMPSCI 326 ARE NOT ELIGIBLE FOR THIS COURSE. COURSE RUNS FOR 6 WEEKS (2/2, 2/9, 2/16, 2/23, 3/2, 3/9). ADD/DROP THROUGH 2/6. INSTRUCTOR CONSENT REQUIRED TO WITHDRAW 2/7-2/10 ONLY. CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

COURSE RUNS FOR 6 WEEKS (1/30/17-3/10/17: 1/30, 2/6, 2/13, 2/20, 3/6, 3/13). ADD/DROP THROUGH 2/6. INSTRUCTOR CONSENT REQUIRED TO WITHDRAW 2/7-2/10 ONLY. CS MINORS AND APPLICANTS-ON-CONTRACT NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

ATTENDING THE FIRST LECTURE IS MANDATORY.

ALL STUDENTS MUST HAVE ACCESS TO A COMPUTER FOR PERFORMING ASSIGNMENTS. COMPUTER MUST RUN WINDOWS 7, WINDOWS 8, OR MAC OSX 10.6 AND LATER, WITH A RECENT VERSION OF MICROSOFT OFFICE (NOTHING EARLIER THAN MICROSOFT OFFICE 2010 FOR WINDOWS OR MICROSOFT OFFICE 2011 FOR MAC). NOT ALL ASSIGNMENTS CAN BE PERFORMED ON A MAC, BUT STUDENTS WITHOUT WINDOWS (OR WITHOUT A COMPUTER) MAY USE CAMPUS WINDOWS PC LABS. PLEASE CHECK 105 WEBSITE. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

NOT ALL ASSIGNMENTS CAN BE PERFORMED ON A MAC, BUT STUDENTS WITHOUT WINDOWS (OR WITHOUT A COMPUTER) MAY USE CAMPUS WINDOWS PC LABS. PLEASE CHECK 105 WEBSITE. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

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SPIRE REGISTRATION INFORMATION for Spring 2017

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<tr>
<th>Course Code</th>
<th>Instructor</th>
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<tr>
<td>220</td>
<td>Anderson</td>
<td>PGMG METHODOLOGY</td>
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<td>230</td>
<td>Richards</td>
<td>COMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
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<td></td>
<td></td>
<td>CS MAJORS ONLY.</td>
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<tr>
<td>240</td>
<td>McGregor</td>
<td>COMPSCI 187 (OR E&amp;C-ENG 242) AND MATH 132 WITH A GRADE OF 'C' OR BETTER.</td>
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<td>CS MAJORS ONLY.</td>
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<tr>
<td>250</td>
<td>Barrington</td>
<td>MATH 132 AND COMPSCI 187 (OR E&amp;C-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
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<td>CS MAJORS ONLY.</td>
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<tr>
<td>305</td>
<td>Trim</td>
<td>ENGLWRIT 112 and COMPSCI 220 (or COMPSCI 230) and COMPSCI 240 (or COMPSCI 250), all with a grade of C or better.</td>
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<td>JUNIOR AND SENIOR CS MAJORS ONLY.</td>
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<td>311</td>
<td>Sitaraman</td>
<td>COMPSCI 250 (OR MATH 455) WITH GRADE OF 'C' OR BETTER.</td>
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<td>CS MAJORS ONLY.</td>
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<td>320</td>
<td>Just</td>
<td>COMPSCI 220 WITH GRADE OF 'C' OR BETTER.</td>
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<td>SOPHOMORE, JUNIOR AND SENIOR CS MAJORS ONLY.</td>
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<td>326</td>
<td>Richards</td>
<td>COMPSCI 220 (OR COMPSCI 230) WITH A GRADE OF 'C' OR BETTER.</td>
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<td>JUNIOR AND SENIOR CS MAJORS ONLY.</td>
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<tr>
<td>348</td>
<td>Jensen</td>
<td>COMPSCI 187 (OR E&amp;C-ENG 242), COMPSCI 240, AND COMPSCI 250 (OR MATH 455), ALL WITH A GRADE OF 'C' OR BETTER.</td>
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<td></td>
<td></td>
<td>CS MAJORS ONLY.</td>
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<tr>
<td>365</td>
<td>Liberafore</td>
<td>COMPSCI 220 (OR COMPSCI 230) WITH A GRADE OF 'C' OR BETTER.</td>
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<td>CS MAJORS ONLY.</td>
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<tr>
<td>370</td>
<td>Maji</td>
<td>COMPSCI 240 OR COMPSCI 383 WITH A GRADE OF 'C' OR BETTER.</td>
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<td>CS MAJORS ONLY.</td>
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<tr>
<td>375</td>
<td>Kalogerakis</td>
<td>COMPSCI 187 (OR E&amp;C-ENG 242) AND INFO 152 (OR COMPSCI 190DM OR MATH 235 OR COMPSCI 240) BOTH WITH A GRADE OF 'C' OR BETTER.</td>
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<td>CS MAJORS ONLY.</td>
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**CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**

- CS MAJORS ONLY.
- Students are strongly advised not to take 200/200 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: https://www.cics.umass.edu/overrides.
- 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. Students who have completed Math 131 and COMPSCI 187 or equivalent and have a co-requisite of Math 132 may request override (permission may be granted if better than average grades and available seats). 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.cics.umass.edu/overrides.
- Students are advised not to take 187 in the same semester. Due to enrollment pressure, the UPC reserves the right to drop students enrolled in both from either course when necessary. Students who have completed Math 131 and COMPSCI 187 or equivalent and have a co-requisite of Math 132 may request override (permission may be granted if better than average grades and available seats). 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.cics.umass.edu/overrides.

**CLASS NOTES/COMMENTS:**

- INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT. Students are strongly advised not to take 200/200 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: https://www.cics.umass.edu/overrides.
- CS majors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: https://www.cics.umass.edu/overrides.
- CS majors, applicants-on-contract, and others not meeting eligibility, or students needing special permission must request overrides via the on-line form: https://www.cics.umass.edu/overrides.
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2/22/2017
### SPIRE REGISTRATION INFORMATION for Spring 2017

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<td>COMPSCI 230 WITH A GRADE OF 'C' OR BETTER.</td>
<td>CS MAJORS ONLY.</td>
<td>INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.</td>
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<tr>
<td>COMPSCI 220 (OR COMPSCI 230) AND COMPSCI 240, BOTH WITH GRADE OF 'C' OR BETTER.</td>
<td>JUNIOR AND SENIOR CS MAJORS ONLY.</td>
<td>DISCUSSION MEETS AFTER FIRST LECTURE: 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.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>COMPSCI 187 (UH &amp;I-ENG 242) WITH A GRADE OF 'C' OR BETTER.</td>
<td>CS 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.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>COMPSCI 220 (OR COMPSCI 230) AND COMPSCI 311, BOTH WITH GRADE OF 'C' OR BETTER.</td>
<td>CS MAJORS ONLY.</td>
<td>STUDENTS WHO ENROLL IN THIS COURSE AFTER TAKING 345 WILL BE DROPPED. PERMISSION OF INSTRUCTOR VIA OVERRIDE REQUIRED FOR STUDENTS INTERESTED IN TAKING 446 AFTER 345, IF AVAILABLE SEATS. STUDENTS WHO ARE NOT CS MAJORS BUT HAVE SUFFICIENT PROGRAMMING EXPERIENCE, CS GRADUATE STUDENTS, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>COMPSCI 220 (OR COMPSCI 230) AND COMPSCI 383 WITH A GRADE OF 'C' OR BETTER.</td>
<td>CS MAJORS ONLY.</td>
<td>HONORS COLLOQUIUM INCLUDED. STUDENTS WHO ARE NOT CS MAJORS BUT HAVE SUFFICIENT PROGRAMMING EXPERIENCE OR STUDENTS NEEDING SPECIAL PERMISION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>COMPSCI 220 (OH COMPSCI 377) WITH A GRADE OF 'C' OR BETTER.</td>
<td>CS 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.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>COMPSCI 453 WITH A GRADE OF 'C' OR BETTER.</td>
<td>UNDERGRADUATE STUDENTS ONLY.</td>
<td>CLASS MEETS IN LGRC A311 FOR INITIAL CLASS ORIENTATION ON FRIDAY, JANUARY 27TH, ONLY. FUTURE CLASS MEETINGS WILL BE BY ARRANGEMENT WITH INSTRUCTOR. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>UNDERGRADUATES: COMPSCI 311 WITH A GRADE OF 'C' OR BETTER.</td>
<td>Lect 01: UNDERGRADUATE STUDENTS ONLY. Lect 02: MS-CMPSCI STUDENTS ONLY.</td>
<td>LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. IT IS RECOMMENDED THAT UNDERGRADUATE STUDENTS HAVE A B- OR BETTER IN COMPSCI 311 IN ORDER TO ATTEMPT 501. 5 SEATS HELD FOR INCOMING GRAD STUDENT REGISTRATION. 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.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>UNDERGRADUATES: COMPSCI 383 (OR M&amp;I-ENG 310; M&amp;I-ENG 313; M&amp;I-ENG 397B; E&amp;C-ENG 313; E&amp;C-ENG 323; E&amp;C-ENG 353) WITH A GRADE OF 'C' OR BETTER.</td>
<td>Lect 01: UNDERGRADUATE STUDENTS ONLY. Lect 02: MS-CMPSCI, MS-ME, MS-EE, STUDENTS ONLY.</td>
<td>AT 311 DUE TO MATH'S NEW ENROLLMENT POLICY. 5 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cicis.umass.edu/overrides">https://www.cicis.umass.edu/overrides</a>.</td>
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<tr>
<td>UNDERGRADUATES: COMPSCI 320 WITH GRADE OF 'C' OR BETTER.</td>
<td>Lect 01: SENIOR, JUNIOR CMPSCI MAJORS ONLY. Lect 02: MS-CMPSCI GRADUATE STUDENTS ONLY.</td>
<td>MEETS WITH COMPSCI 621. LECT 01-UG; LECT 02-GRADS. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>UNDERGRADUATES: COMPSCI 335 WITH A GRADE OF 'C' OR BETTER.</td>
<td>Lect 01: JUNIOR AND SENIOR CS MAJORS ONLY. Lect 02: MS-CMPSCI STUDENTS ONLY.</td>
<td>MEETS WITH COMPSCI 320. STUDENTS NEEDING INSTRUCTOR PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>COMPSCI 320 WITH A GRADE OF 'A' OR BETTER.</td>
<td>NONE</td>
<td>LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. 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.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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<tr>
<td>UNDERGRADUATES: COMPSCI 335 WITH A GRADE OF 'C' OR BETTER.</td>
<td>Lect 01: JUNIOR AND SENIOR CS MAJORS ONLY. Lect 02: MS-CMPSCI STUDENTS ONLY.</td>
<td>MEETS WITH COMPSCI 320. STUDENTS NEEDING INSTRUCTOR PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
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</table>
STUDENTS WHO HAVE TAKEN AN UNDERGRADUATE AI COURSE MEETS WITH COMPSCI 521. 5 SEATS HELD FOR INCOMING STUDENT.

LECT 02 IS ON-LINE. SENIOR
LECT 01: CMPSCI GRADUATE STUDENTS ONLY.
MS-CMPSCI STUDENTS ONLY.

STUDENTS WHO HAVE TAKEN COMPSCI 365 AS AN UNDERGRADUATE CMPSCI GRADUATE STUDENTS ONLY.

Lect 01: JUNIOR AND SENIOR CS MAJORS OR SENIOR CSENG MAJORS ONLY.
Lect 02: MS-CMPSCI, MS-MATH&STATS, MS-ECE, MS-SOM STUDENTS ONLY.

PREREQUISITE OF COMPSCI 460 OR COMPSCI 466, OR EQUIVALENT.

SENIOR CS MAJORS WITH PERMISSION OF INSTRUCTOR; BACKGROUND IN UNDERGRAD OS IS HELPFUL. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

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

STUDENTS WHO HAVE TAKEN COMPSCI 365 AS AN UNDERGRADUATE ARE NOT ELIGIBLE FOR THIS COURSE. GRADUATE STUDENTS WILL BE EXPECTED TO READ SELECTED CURRENT TECHNICAL AND LAW ARTICLES AND TO IMPLEMENT AND ANALYZE STATE-OF-THE-ART SYSTEMS. PERMISSION OF INSTRUCTOR FOR UNDERGRADUATES WITH COMPSCI 200 OR 230 WITH A GRADE OF C OR BETTER, IF AVAILABLE SEATS. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

Lect 01 FOR UNDERGRADS; LECT 02 FOR GRADS. 10 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

Lect 01 FOR UNDERGRADS; LECT 02 FOR GRADS. OPEN TO STUDENTS IN OTHER DEPARTMENTS WITH PERMISSION OF INSTRUCTOR. STUDENTS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

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

UNDERGRADUATES: COMPSCI 220 OR 230 WITH A GRADE OF C OR BETTER.

UNDERGRADUATES: COMPSCI 220 (OR COMPSCI 230), WITH A GRADE OF B OR BETTER.

UNDERGRADUATES: COMPSCI 377 (OR COMPSCI 460 OR COMPSCI 453 OR COMPSCI 410 OR COMPSCI 474 OR COMPSCI 491P OR COMPSCI 497P) WITH A GRADE OF C OR BETTER.

LECT 01: CS MAJORS ONLY.
LECT 02: MS-CMPSCI STUDENTS ONLY.

LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. 10 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. STUDENTS MAY REQUEST TO TAKE MATH 230 LINEAR ALGEBRA AS A CO-REQUISITE WITH INSTRUCTOR PERMISSION. 20 SEATS HELD IN LECT 02 FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

LECT 02 IS ON-LINE. SENIOR CS MAJORS WITH PERMISSION OF INSTRUCTOR; BACKGROUND IN UNDERGRAD OS IS HELPFUL. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. 10 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. 7 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. 20 SEATS HELD IN LECT 02 FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

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LECT 01 FOR UNDERGRADS; LECT 02 FOR GRADS. 7 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRISE VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.
### SPIRE REGISTRATION INFORMATION for Spring 2017

#### CATALOG REQUISITE (PRE-REQ CHECK):

- **687** **DELETED**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.

- **688** Domke
  - **GRAPHICAL MODELS**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - COURSE NUMBER CHANGED FROM CMPSCI 691GM TO COMPSCI 688. 7 SEATS HELD FOR INCOMING STUDENT REGISTRATION. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **690N** O’Connor
  - **ADV NATURAL LANG PROCESSING**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - PHD-LING STUDENTS WITH PERMISSION OF INSTRUCTOR. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **690T** Mazumdar
  - **CODING THEORY AND APPLICS**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - REQUIRED MATHEMATICAL MATURITY, EXPOSURE TO BASIC MATHEMATICAL COURSES SUCH AS COMPSCI 240 AND MATH 235 OR EQUIVALENT (A SOLID GROUNDING IN LINEAR ALGEBRA AND PROBABILITY THEORY IS NECESSARY). STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **691BR** Biswas
  - **S-BLDG A ROBOT SOCCER TEAM**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**

- **691RS** Zhang
  - **S-INTRO COMMNDR SYSTMS**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.

- **696CA** McCallum
  - **IS-MULTILING REPRESENTN/CROSS-LING NLP**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - LECT 01=3 CREDITS; LECT 02=1 CREDIT. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **696F** McCallum
  - **IS-INFRMN INTGTN/DATA POPULA**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI AND EE GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - LECT 01=3 CREDITS; LECT 02=1 CREDIT. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **696MA** McCallum
  - **IS-MANUSCRIPT PDF/PARSNG/LABEL**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI AND EE GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - LECT 01=3 CREDITS; LECT 02=1 CREDIT. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **696QA** McCallum
  - **IS-MULTILING REPRESENTN/CROSS-LING NLP**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - CMPSCI AND EE GRADUATE STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - LECT 01=3 CREDITS; LECT 02=1 CREDIT. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **697W** Ganesan
  - **ST-WRBL & MBL SNSR CMPTNG**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - DOCTORAL, MASTERS CS STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - REQUEST OVERRIDE VIA THE ON-LINE FORM: https://www.cics.umass.edu/overrides.

- **701** STAFF
  - **ADV TOPICS IN CMPSCI**
  - **CATALOG REQUISITE (PRE-REQ CHECK):**
  - **CLASS ASSOCIATED REQ (ELIG RESTRICTIONS):**
    - DOCTORAL, MASTERS CS STUDENTS ONLY.
  - **CLASS NOTES/COMMENTS:**
    - INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT.

2/22/2017
<table>
<thead>
<tr>
<th>Catalog Requisite (Pre-Req Check)</th>
<th>Class Associated Req (Elig Restrictions)</th>
<th>Class Notes/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>891M THRY OF CMPTN</td>
<td>DOCTORAL, MASTERS MAJORS ONLY.</td>
<td>INFORMATIONAL ONLY - DOES NOT AFFECT SPIRE ENROLLMENT. MAY BE REPEATED FOR CREDIT UP TO 6 TIMES. OTHERS NOT MEETING ELIGIBILITY, OR STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>899 STAFF PHD DISSERTATION</td>
<td>NONE</td>
<td>COURSE OPEN ONLY TO CS GRADUATE STUDENTS WHO HAVE PASSED PORTFOLIO. REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>CICS 596T STAFF IS-CPT</td>
<td>PHD-CMPSCI STUDENTS ONLY.</td>
<td>SUIMI CP: APPLICATION TO GRADUATE PHD/PHDGRADUATE, CS MAIN OFFICE DURING ACADEMIC YEAR. MS-CMPSCI GRADUATE STUDENTS CAN ENROLL IN THIS COURSE WITH MSPD CONSENT. CPE SECTIONS ARE NOT AVAILABLE.</td>
</tr>
<tr>
<td>CICS 597C **DELETED</td>
<td>NONE</td>
<td>NONE</td>
</tr>
<tr>
<td>INFO 203 Gill ST-INTRO TO COMPUTER SECURITY</td>
<td>UNDERGRADUATE NON-CS MAJORS ONLY.</td>
<td>CHANGED FROM INFO 290NW TO INFO 203. NOT INTENDED FOR CS MAJORS OR MINORS. STUDENTS NEEDING SPECIAL PERMISSION MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>INFO 397F Anderson S1-IN1H1 T O DATA SUBENG</td>
<td>UNDERGRADUATE NON-CS MAJORS ONLY.</td>
<td>NOT FOR CS MAJOR/MINOR REQUIREMENTS. PREVIOUS EXPERIENCE WITH A PROGRAMMING LANGUAGE MAY BE CONSIDERED FOR OVERRIDE. BASIC MATHEMATICAL MATURITY TO THE LEVEL OF PRE-CALCULUS, SOME EXPOSURE TO BASIC PROBABILITY AND STATISTICS, KNOWLEDGE OF RELATIONAL DATABASES IS HELPFUL. SOFTWARE: THE R SOFTWARE FOR STATISTICAL ANALYSIS. STUDENTS NOT MEETING PREREQUISITES WHO ARE INTERESTED IN THE INFORMATICS PROGRAM (BDIC) MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
</tr>
<tr>
<td>INFO 397G Newman INFO 190N OR INFO 150 (OR 190D) WITH A GRADE OF C OR BETTER.</td>
<td>UNDERGRADUATE NON-CS MAJORS ONLY.</td>
<td>NOT FOR CS MAJOR/MINOR REQUIREMENTS. STUDENTS NOT MEETING PREREQUISITES WHO ARE INTERESTED IN THE INFORMATICS PROGRAM (BDIC) OR COMBINING ART WITH COMPUTING, MUST REQUEST OVERRIDES VIA THE ON-LINE FORM: <a href="https://www.cics.umass.edu/overrides">https://www.cics.umass.edu/overrides</a>.</td>
</tr>
</tbody>
</table>