Computer Science

CS 450  **Numerical Analysis**  credit: 3 or 4 hours.
Linear system solvers, optimization techniques, interpolation and approximation of functions, solving systems of nonlinear equations, eigenvalue problems, least squares, and quadrature; numerical handling of ordinary and partial differential equations. Same as CSE 401, ECE 491, and MATH 450. 3 undergraduate hours. 3 or 4 graduate hours. Credit is not given for both CS 450 and CS 457. Prerequisite: CS 101 or CS 125; CS 357 or MATH 415; MATH 285.

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<th>CRN</th>
<th>Type</th>
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<th>Time</th>
<th>Days</th>
<th>Location</th>
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<td>BL1</td>
<td>03:30 PM - 04:45 PM</td>
<td>MW</td>
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<td>Olson, L</td>
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Credit Hours: 3 hours
Not intended for First Time Freshman students.
Restricted to Undergrad - Urbana-Champaign.
For up-to-date information about CS course restrictions, please see the following link: http://go.cs.illinois.edu/CSregister

Credit Hours: 4 hours
Not intended for First Time Freshman students.
Restricted to Computer Science or Bioinformatics major(s). Restricted to Graduate - Urbana-Champaign.
For up-to-date information about CS course restrictions, please see the following link: http://go.cs.illinois.edu/CSregister

Credit Hours: 4 hours
Not intended for First Time Freshman students.
Restricted to MCS:Computer Sci Online -UIUC, MCS:Computer Sci Online -UIUC, or NDEG:Computer Science Onl-UIUC.