## Computer Science

### CS 591  **Advanced Seminar**  credit: 0 TO 4 hours.
Seminar on topics of current interest as announced in the Class Schedule. Approved for S/U grading only. May be repeated in the same or separate terms if topics vary. Prerequisite: As specified for each topic offering, see Class Schedule or departmental course description.

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<tr>
<th>CRN</th>
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<th>Time</th>
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<th>Location</th>
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Credit Hours: 1 hours
Advanced Compiler Technology
Topic: Advanced Compiler Technology. Prerequisite: CS 426.

Credit Hours: 1 hours
Topic: Readings and Research in Bioinformatics. This Course Meets With CPSC 499.

Credit Hours: 1 hours
Cloud Computing Research
Topic: Cloud Computing Research.

Credit Hours: 1 hours
Cyber-Infrastructure
Trustworthy Cyber-Infrastructure for Power-Grid (TCIPG) http://tcipg.org/tcipg-reading-group-fall-2013 The Reading Group will meets in 301 CSL.

Credit Hours: 1 hours
Yahoo!-DAIS Seminar
Topic: Yahoo!-DAIS seminar.

Credit Hours: 1 hours
Formal Methods Seminar
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Credit Hours: 1 hours
Computer Graphics Seminar
Topic: Research Topics in Computer Graphics.

Credit Hours: 1 hours
Data Mining Seminar
Topic: Data Mining for Advanced Applications. Prerequisite: Credit or concurrent registration in CS 412 or equivalent.

Credit Hours: 1 hours
Human-Computer Interaction Seminar
Topic: Seminar in Human-Computer Interaction.

Credit Hours: 1 hours
Distributed Systems Seminar
Class will meet in 3102 SC Topic: Advanced Seminar in Distributed Systems. Prerequisite: CS 598IG or CS 425 or any basic course on distributed systems.

Credit Hours: 1 hours
Maude: Theory and Applications Seminar
Topic: Maude: Theory and Applications. Prerequisite: Credit or concurrent registration in CS 476.

Credit Hours: 1 hours
Parallel Programming Seminar

Credit Hours: 1 hours
Scientific Computing Seminar
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**PHD Orientation Seminar**

Topic: Orientation for new PhD students.

Credit Hours: 1 hours

**Security Reading Seminar**

Topic: Security Reading Seminar. Prerequisite: A prior course in security or CS423 or consent of instructor.

Credit Hours: 1 hours

**Software Engineering Seminar**

Topic: Software Engineering Seminar. The info about the seminar will be posted on http://wiki.cites.illinois.edu/wiki/display/SoftEng Please sign up for the soft-eng mailing list if interested in the seminar.

Credit Hours: 1 hours

**Teaching Assistant Training**

Topic: TA Seminar; Teaching Assistant Training.

Credit Hours: 1 hours

**Cyber-Infrastructure Seminar**

Topic: "Trustworthy Cyber-Infrastructure for Next Generation Power Grid" Class will Meet in 301 CSL The course provides students a fundamental understanding of the electric power systems? "smart grid" domains ? with emphasis upon the interplay between the domains and supporting cyber security requirements. Course content bridges the gap between computer science and power engineering disciplines including power system fundamentals, supporting computer network requirements/fundamentals, and cross-cutting cyber security concepts. Combines lecture, discussion, and hands-on laboratory work to provide and intuitive, enduring understanding of the fundamental concepts.

Credit Hours: 1 hours

**Topics in Algorithms Seminar**

Topic: Topics in Algorithms. Prerequisite: CS 573 or 579.

Credit Hours: 1 hours