Computer Science

CS 241  **System Programming**  credit: 4 hours.
Basics of system programming, including POSIX processes, process control, inter-process communication, synchronization, signals, simple memory management, file I/O and directories, shell programming, socket network programming, RPC programming in distributed systems, basic security mechanisms, and standard tools for systems programming such as debugging tools. Credit is not given for both CS 241 and ECE 391. Prerequisite: CS 225 and CS 233.

Students must register for one lecture and one discussion section.

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Restricted to Computer Science or Statistics & Computer Science or Math & Computer Science or Computer Sci & Anthropology or Computer Sci & Astronomy or Computer Sci & Chemistry or Computer Sci & Linguistics or Computer Science&Crop Sciences or Computer Science and Music or Computer Science & Economics or Computer Science & Geog & GIS or Computer Science & Philosophy or Computer Sci & Animal Sci major(s). Restricted to Undergrad - Urbana-Champaign. Please view the following link for restrictions and release dates: [http://go.cs.illinois.edu/csregister](http://go.cs.illinois.edu/csregister) Not intended for First Time Freshman students.