

COURSE DESCRIPTION

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|------------------------------|-------------------------|--------------------|---------------|
| Department and Course Number | CS 496 | Course Coordinator | Bryant |
| Course Title | Research Seminar | Total Credits | 1 |

Current Catalog Description
Participation in research seminar directed by a faculty member.

Textbook
Varies, depending on the seminar subject. Often there is only a collection of research papers.

References
Research papers on the Internet

Course Goals
The goal of this class is to allow undergraduate students to attend an organized series of lectures on a unified research topic. The seminar typically meets once per week and involves presentation of a new research result as well as discussion. There are usually several research seminars on-going during the academic year.

Prerequisites by Topic
Permission of instructor as topics vary with seminar subject.

Major Topics Covered in the Course
Varies with seminar subject but usually advanced research topics not yet part of the mainstream curriculum.

Laboratory projects (specify number of weeks on each)
None

Estimate CSAB Category Content

| | CORE | ADVANCED | | CORE | ADVANCED |
|-----------------|-------|----------|--|-------|----------|
| Data Structures | _____ | _____ | Computer Organization and Architecture | _____ | _____ |
| Algorithms | | | Concepts of Programming Languages | _____ | _____ |
| Software Design | _____ | _____ | | | |

Oral and Written Communications
Every student is required to participate in discussion but there is not a formal presentation required of undergraduate students.

Social and Ethical Issues

Usually none.

Theoretical Content

Varies by seminar subject.

Problem Analysis

None

Solution Design

None