

Course Outcomes	CSC 3999 or 4999
------------------------	-------------------------

CSC 3999 Independent Undergraduate Research

CSC 4999 Advanced Independent Undergraduate Research

Credit Hours: 1-3 hours, may be taken for a maximum of 4 hours of credit

Frequency: all semesters

Prerequisites:

Consent of the professor.

Catalog Course Description:

Individual readings, conferences, and program development in computer science.

Course Outcomes

1. Be familiar with independent study in an area of computer science.

Enrollment Guidelines

- The student is under the direction of a professorial faculty member. Generally when doing independent research, the student should select a faculty member whose work is interesting to the student, and vice versa. The student must have the approval of the faculty member to participate in independent research. Most professorial faculty will readily agree to independent undergraduate research, however, a faculty member may have obligations that prohibit the extra effort toward the team endeavor at the time.

Course objectives should be discussed at the beginning of the semester. Faculty expectations regarding time commitment, specific tasks or projects, lab notebooks, written reports, etc. should be clearly communicated to the student at the onset of the research. Regularly scheduled meetings are recommended.

- The courses (3999 and 4999) are letter graded (A, B, C, etc.). Faculty expectations regarding grades should be clearly outlined at the beginning of the semester. Enrollment in CSC 3999 is recommended for undergraduate students at the Junior-level and CSC 4999 is recommended for students at the Senior-level. The objectives for the CSC 3999 coursework should be commensurate with the expectations of a Junior-level student. Likewise CSC 4999 coursework should entail objectives expected of a Senior-level student.

Graduate students may enroll in CSC 4999 for graduate credit. The outcomes of the objectives for graduate students enrolling in CSC 4999 should be in line with the expectations of a graduate-level student. It is recommended that graduate students enroll in CSC 7999.

- In general, the undergraduate student should spend typically 3 hours of research activity for each hour of enrollment. It is recommended that the student log the time spent in research by recording in a journal-type format.
- A student who is compensated for research activities may also enroll in CSC 3999 or 4999 and perform research related to the paid research. The work agreement may entail job-related work not directly related to the individual's research endeavors. The faculty must be conscientious and only award letter grades based on the student's effectiveness in meeting the objectives of the research endeavor.
- Caution is urged if the student is working in a job and simultaneously enrolled in work-related research. There are copyright and intellectual property laws that may be applicable.

Relationship to Criterion 3 Outcomes

A	B	C	D	E	F	G	H	I	J	K
	*			*	*	*		*		

Coordinator: Coretta Douglas

Modified Date: May 14, 2007