

SU DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

SYLLABUS (*Tentative*)

COSC/MATH 390 *Undergraduate Research Project*

Description: This course is offered on a pass/fail basis and is designed to allow students to pursue independently an important area of mathematics, statistics, or computer science of particular interest. Each student works on a project under the direction of a faculty member. Students intending to go to graduate school are particularly encouraged to take this course. A final paper, which will be kept on file in the Department Office, and an oral presentation are required.

Objective: To expose students to the excitement and rigor of research.

Prerequisite: A completed Undergraduate Research Project Application.

To ensure that the goals and expectations of the project are clear to all concerned, before registering for this course, the student must have completed and have on file in the Departmental Office the Undergraduate Research Application Form. The Project Committee, consisting of the project director and two other department members, decides on the number of credit hours to be awarded (1-3), sets the standards for a Pass, and evaluates the project.

The project director helps the student design a research plan, meets with the student regularly throughout the term to offer guidance and direction, and informs the other committee members on the status of the project

The following is a schedule for a typical project:

<u>Activity</u>	<u>Week</u>
Midterm Progress Report	6th

Meeting with Project Committee	7th
Draft of Final Report	12th
Meeting with Project Committee	13th
Oral Presentation	13th
Final Report (typed)	14th

The oral presentation to students and faculty should be a summary of the research. The final report should include a discussion of the original proposal and any modifications made to the original proposal, a discussion of the results of the project, and a conclusion.

Upon completion of the project, the Project Committee awards the final grade.

SU DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE  
UNDERGRADUATE RESEARCH PROJECT APPLICATION

**COURSE INFO**

- COSC 390 \_\_\_\_\_ # of Credit Hours \_\_\_\_\_ Semester/Year
- MATH 390 \_\_\_\_\_ # of Credit Hours \_\_\_\_\_ Semester/Year
- I'd like this project to be considered for Departmental Honors
- 

**STUDENT INFO**

Name \_\_\_\_\_ ID Number \_\_\_\_\_

Major \_\_\_\_\_  Sophomore  Junior  Senior

Address \_\_\_\_\_ Phone Number \_\_\_\_\_

---

**PROJECT INFO**

UR Project Director's Name \_\_\_\_\_

UR Project Committee Members' Names \_\_\_\_\_  
\_\_\_\_\_

UR Project Title \_\_\_\_\_

**Goals and Expectations of the Project**

\_\_\_\_\_

Salisbury University  
Department of Mathematics and Computer Science  
Undergraduate Research Project Application

Student's Name \_\_\_\_\_

Project Director's Name \_\_\_\_\_

Project Title \_\_\_\_\_

**SIGNATURE PAGE**

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Director's Approval of Project

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Committee Member's Approval of Project

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Committee Member's Approval of Project

\_\_\_\_\_  
Date

\_\_\_\_\_  
Department Chair's Approval of Project

\_\_\_\_\_  
Date