Salisbury University Department of Mathematical Sciences
MATH 380 :   Internship
Syllabus (Tentative)

Description: Students work under supervisors in a local rm or public institution in conjunction with an advisor from the math department. 3 Hours Credit: 8 to 10 hours per week.

Prerequisites: Approval of department chair.

Credit: Credit may only be received for one of MATH 380 and COSC 380. MATH 380/COSC 380 may be taken twice for a maximum of six credits, but used only once toward a major in mathematics or computer science.

Intended Audience: Mathematics and Data Science majors wishing to enhance their understanding of how mathematics, statistics, and data science are actually used in practice.

Objective: To provide the student with an academically-coordinated professional experience related to the student's eld of study. Designed to enhance understanding of how mathematics, statistics, or data science are actually used in practice. Students work in a private business or public agency on a project for which they can apply knowledge and experience related to their eld of study. Students must meet regularly with their faculty advisors. A nal paper, which will be kept on le in the Department O ce, and an oral presentation are required. Students must register for the internship concurrent with the experience. O ered on a pass/fail basis only.

Expectations: To ensure that the goals and expectations of the internship are clear to all concerned, before registering for this course, the student must have completed and have on le in the Departmental O ce the Internship Application Form.

The student is expected to work 8-10 hours per week for (during a 14-week semester), for a total of about 125 hours. The weekly hours are adjusted for summer and winter internships. Bi-weekly conferences will be held between the internship advisor and the student to see that the internship is going as expected and to help keep the work and study aspects of the internship on an even keel.

The following are due to the internship advisor at the end of each week indicated (during a 14- week semester):

Activity	Week
Midterm Report	6
Oral Presentation	13
Final Report (typed)	14

The due dates for activities during the summer and winter sessions will be arranged by the faculty advisor.

The midterm report should address the initial objectives and any changes in the objectives, as well as summarize the progress made. The oral presentation to students and faculty should be a summary of the highlights of the internship. The nal report should summarize the entire internship experience and should indicate how the student' s coursework meshed with reality. In addition to the completion of the above activities, the internship advisor and the work supervisor must agree that the expectations of the internship have been ful lled for a passing grade.

- Clear descriptions of thought processes, evidence of critical thinking, and e ective communication must be demonstrated in written work.

- **Writing Across the Curriculum:** Students will be expected to communicate mathematics and mathematical ideas e ectively in speech and writing. At the University Writing Center, trained consultants are ready to help you at any stage of the writing process. In addition to the importantf w6]a3(. d 0 JaiuyjlTa733(Rep)-28(ortTwritait]Ta73we7s

Salisbury University Department of Mathematical Sciences
Internship Application

Student Name: (Last, First, MI)	
Student ID Number:	Semester/Year of Enrollment: (Ex. Fall 2014)
Major:	Class (Freshman, Sophomore, Junior, Senior):
Student Address:	Student Phone Number:
	SU Internship Advisor's Name:
Firm or Institution Name:	Firm or Institution Phone Number:
Firm or Institution Address:	Work Supervisor's Name and Title:
	Brief Name of Internship:
Proposed Goals and Expectations of the Internship:	

Student's Signature	Printed Name	Date
Work Supervisor's Approval of Proposal	Printed Name	Date