
Salisbury University Department of Mathematical Sciences**MATH 385 : Directed Study
Syllabus (Tentative)**

Description: For students who desire to pursue a special topic in mathematics not covered in the current curriculum. Under most circumstances students will take this course for three credit hours. This course may be repeated under different subtitles, but only a total of four credit hours from MATH 385 and/or COSC 385 may be used toward a major or minor. 1–4 Hours Credit: Meets one to four hours per week.

Prerequisites: Permission of the instructor and the chair of the Department of Mathematics and Computer Science.

Intended Audience: Mathematics and Data Science majors wishing to explore topics outside the current curriculum.

Objective: To provide both students and faculty with a course that is flexible in both credit hours and topic.

Expectations: The expectations of the class are up to the instructor of the course. It is assumed that these classes would follow a syllabus similar to those of the courses currently in the curriculum and that appropriate assessments are being done throughout the semester.

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- Clear descriptions of thought processes, evidence of critical thinking, and effective communication must be demonstrated in written work.
 - **Writing Across the Curriculum:** Students will be expected to communicate mathematics and mathematical ideas effectively 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 important writing instruction that occurs in the classroom and during professors' office hours, the Center offers another site for learning about writing. **All students are encouraged to make use of these important services.**
 - **NOTE:** Once a student has received credit, including transfer credit, for a course, credit may not be received for any course with material that is equivalent to it or is a prerequisite for it.