

# INGE 5027

**Course Title** OCEAN WAVE DYNAMICS FOR ENGINEERS

**Course Description** This course is an intensive examination of the topic of water waves, focused on the engineering applications of ocean wave dynamics. Students will analyze in detail the physical and mathematical fundamentals which describe the behavior of ocean waves, and will learn to use statistics and extremal analysis to develop design wave criteria.

**Credit Hours** 1

**Course Options**

Exchange.....	No
Special Topic.....	No
Type.....	Normal
Offering Semester.....	Always
Students can take this course multiple times.....	No

**Grading Schema** Passing Grade D

**Requisites** INGE 4015 or authorization of the Director of the Department

Course Syllabus