

Course Title	Advanced Artificial Intelligence and Machine Learning		
Department/Course	Graduate School of Marine Science and Technology Doctoral Course		
Category/Specializations	<Graduate School Subjects>		
Year Offered	1st	Class	10
Required or Elective	elective	Credit	2
Semester	First Semester	Course Type	
Day/Period	INTENSIVE	Lecture Room	
Chief Instructor	Sakai Takanori		
Instructors	Sakai Takanori		
Theme & Objectives	<p>The goal of the course is to study methods, research and practice in artificial intelligence (AI) and machine learning. Through the presentation and debate sessions, students are expected to be able to select and apply an AI/machine learning approach suitable to the purpose of analysis. In the course, the instructor will assign UdeMy online lectures to audit, and the students will be requested to present the contents and offer the topics to discuss to the classroom. In the final presentation, each student will apply an AI/machine learning method to the data they select and present the analytical results to the room. This course will be provided in English only.</p>		
Evaluation Method	<p>Participation to the discussion (30%) Regular presentation (30%) Final presentation (30%)</p>		
Other Information	<p>Offered only for the students in the WISE Program. E-mail: tsakai2 at kaiyodai.ac.jp</p>		
Relation to SDGs	9 Industry, innovation and infrastructure		