

## シラバス参照

科目名/Subject	地球物理学
曜日・講時/Day/Period	前期 金曜日 1 講時
科目群/Categories	JYPE科目
単位数/Credit(s)	2
対象学部/Object	【JYPE】Geophysics
担当教員(所属) /Instructor (Position)	Yo FUKUSHIMA
セメスター/Semester	Spring Semester, Fri 1
科目ナンバリング /Course Numbering	-E
使用言語 /Language Used in Course	英語

授業題目 /Class Subject	Geophysics
授業の 目的と概要 /Object and Summary of Class	Students in this course will learn basic knowledge in geophysics, particularly the following three specific sub-areas: solid earth physics, fluid earth physics, and space physics.
学修の 到達目標 /Goal of Study	This course aims at learning the outlines of geophysics. By joining this course, students will get basic knowledge in geophysics.
授業内容・ 方法と 進捗予定 /Contents and Progress Schedule of the Class	<p>The following topics, which are actively investigated at the Department of Geophysics, will be introduced. (1) Solid Earth Physics: Selected topics from seismology, volcanology, and plate tectonics for the purpose of learning basic knowledge on the structure and dynamics of the solid Earth. (2) Fluid Earth (atmosphere and ocean) Physics: Selected topics from meteorology, global warming, and physical climatology for the purpose of learning basic knowledge on climate change and related global environment problems. (3) Space Physics: Selected topics from solar physics, interplanetary physics, magnetospheric physics, and upper atmospheric physics for the purpose of learning basic knowledge on the electromagnetic environment of the Sun, the Earth, and planets.</p> <p>● April, 12, 19, May 10, 17, 24 Lectures on Solid Earth Physics will be given by Associate Prof. Fukushima. Material for the lecture will be prepared by Associate Prof. Fukushima.</p> <p>● April 26, June 7, 14, 21, 28 Lecture on Fluid Earth will be given by Prof. Yamazaki. Material for the lecture will be prepared by Prof. Yamazaki.</p> <p>● July 5, 12, 19, 26, Aug. 2 Lectures on Space Physics will be given by Prof. Terada. Material for the lecture will be prepared by Prof. Terada.</p>
成績評価 方法 /Evaluation Method	Mainly based on a record of attendance, and contribution to discussions.
教科書 および 参考書 /Textbook and References	
関連URL /URL	
授業時間外 学修 /Preparation and Review	Simple assignments may be given.
その他 /In Addition	
更新日付 /Last Update	2024/02/28 17:32

1単位の授業科目は、45時間の学修を必要とする内容をもって構成することを標準としています。1単位の修得に必要な学修時間の目安は、「講義・演習」については15～30時間に授業および授業時間外学修（予習・復習など）30～15時間、「実験、実習及び実技」については30～45時間の授業および授業時間外学修（予習・復習など）15～0時間です。

One-credit courses require 45 hours of study. In lecture and exercise-based classes, one credit consists of 15-30 hours of class time and 30-15 hours of preparation and review outside of class. In laboratory, practical skill classes, one credit consists of 30-45 hours of class time and 15-0 hours of preparation and review outside of class.