

Course Title 科目名	Natural World of Japan B 日本の自然界 B	Instructor 担当者	Shoichi Shimoyama 下山 正一
Semester 学期	Spring	Credits 単位	2
Course Level 履修年次	N/A	hrs/wks 時間数/週	2
【Course Objectives and Focus: 授業の到達目標及びテーマ】 After completing this course, the student will: 1) have a physical image to natural condition of Japan and/or Kyushu Island; 2) be familiar with the topography and geology of Fukuoka; 3) know the mechanism of natural disaster of Japan and/or Kyushu Island.			
【Course Summary: 授業の概要】 This class introduces Japan's physical natural environment, seasonal changes, geological conditions, regional characteristics of Fukuoka and Kyushu, various natural disasters and their mechanisms, and the relationship between nature and people's lives and history.			
【 Preparatory Work: 準備学習等についての具体的な指示】 I want you to learn this class while always comparing your hometown nature with the nature of Fukuoka and Kyushu. After the field trip, write a specific short report along this class. This class must help you to understand the nature of your homeland more deeply.			
【 Content: 各回ごとの授業内容】			
Day 1	Outline of Japanese topography (日本の地形の概要)		
Day 2	Climate of Japan, the four seasons (日本の気候、四季)		
Day 3	Climatic hazards in Japan (日本の気象災害)		
Day 4	Geology of Japan and the history (日本の地質と地史)		
Day 5	Plate tectonics around Japanese Islands (日本周辺のプレートテクトニクス)		
Day 6	Huge earthquakes and Tsunami disaster in Japan (大地震と津波災害)		
Day 7	Active faults and earthquake disaster in Japan (活断層と地震災害)		
Day 8	Examination and estimation of active faults in Fukuoka Area (福岡の活断層調査)		
Day 9	Field trip to Dazaifu (太宰府への野外旅行)		
Day 10	Volcano and volcanic activities in Japan (日本の火山と災害)		
Day 11	Volcanic hazard and the benefit in Japan (日本の火山災害と恩恵)		
Day 12	Changes of environment in Fukuoka Plain (福岡平野の環境変化)		
Day 13	Field trip to Uminonakamichi area (海の中道への野外旅行)		
Day 14	Changes of environment in Chikusi Plain (筑紫平野の環境変化)		
Day 15	Ariake Bay and fishery problem (有明海と漁業問題)		
【Textbooks, Course Materials: テキスト・参考書等】 We use handouts prepared for lecture.			
【Grading Criteria: 成績評価の方法】 Assignment report (40%), Field Trip Report (40%) and Class participation (20%)			
【Note: 履修上の注意】 Students need to attend Saturday field trips. Field trip fee announced in the lecture, probably around 1,700 yen in each trip.			