

Course Name	Integrated Science II		
Semester, Year	First Semester, 2019	Number of Credits	2 credits
Course level	1000	Course Number	027066
Instructor(s) (Institution)	Osamu SETO 高等教育推進機構		
Course Objectives	The objective of this course is to let any student, regardless of his and her major, to learn wide and rich scientific knowledge and to be a well-educated person. It is expected that students will establish scientific literacy on various natural phenomena and be able to deal with the scientific aspects of problems in public debate.		
Course Goals	<p>The goal of this course are for student to</p> <ol style="list-style-type: none"> 1. Not just have collections of knowledge but be able to explain facts and those scientific reasons. 2. Have numeracy and able to develop discussions based on quantitative estimation. 3. Study subjects properly and make reports in ethically correct manner. 		
Course Schedule	<ol style="list-style-type: none"> 1. The Nucleus of the Atom 2. The Ultimate Structure of Matter 3. Star 4. Cosmology 5. Earth and Planets 6. Earth 7. Rocks Cycle 8. Plate Tectonics 9. Atmospheric Cycle 10. Meteorology 11. Paleontology 12. The Hydrologic Cycle 13. Ecology, Ecosystems, and the Environment 		
Homework	If the tutor gives an assignment, students are supposed to give presentations about it in the next class.		
Grading System	Grades will be based on assignments and classroom activities (questions and answers, participation to discussion, presentations about questions and homework) (100%).		
Textbooks / Reading List	<p>Science Matters: Achieving Scientific Literacy Robert M. Hazen and James Trefil Anchor Books 2009 The Sciences: An Integrated Approach James Trefil and Robert M. Hazen Wiley 2010 Global Geomorphology Michael A. Summerfield 2015 2015 Earth: Portrait of a Planet Stephen Marshak W. W. Norton & Company 2015 Introducing Physical Geography Alan H. Strahler Wiley 2013 Additional reading list will be informed in class.</p>		
Websites			
Website of Laboratory			
Additional Information			