

Course Name	Introduction to Biodiversity Study		
Semester, Year	Second Semester, 2018 (Fall Term)	Number of Credits	1 credits
Course level	5000	Course Number	27090
Instructor(s) (Institution)	Maria Helena Fortunato Martins (大学院理学研究院)		
Course Objectives	<p>'Biodiversity' means 'biological diversity,' or the variability among living organisms and systems at all levels of the biological hierarchy, i.e., genetic, organismal, and ecological. Currently the world is undergoing a loss of biodiversity at a rate perhaps unparalleled in geological history. The goal of this course is to provide students with an overview of the components of 'biodiversity'; how biodiversity is studied; past and present biodiversity trends; the origin and maintenance of biodiversity; arguments over the value of high biodiversity; human impacts on diversity, policies and measures for its conservation.</p>		
Course Goals	<p>To understand the components of 'biodiversity'; to learn how biodiversity is studied; have knowledge of past and present biodiversity trends; to understand the origin and maintenance of biodiversity; to understand and discuss the current arguments over the value of high biodiversity; to know the human impacts on diversity, policies and measures to conserve it.</p>		
Course Schedule	<p>Week 1: Components and Patterns of biodiversity.</p> <p>Week 2: Origin and maintenance of biodiversity.</p> <p>Week 3: Biodiversity changes through time.</p> <p>Week 4: Values and use of biodiversity.</p> <p>Week 5: Human impacts on biodiversity.</p> <p>Week 6: Mechanisms to maintain and protect biodiversity.</p> <p>Week 7: Student PowerPoint presentations and course evaluation.</p>		
Homework	<p>There are weekly homework exercises that involve readings and problems, and a 10-minute PowerPoint presentation by students at the end of the course.</p>		
Grading System	<p>Grades will be based on attendance and participation (35%), completion of homework exercises (35%), and a final 10-minute PowerPoint presentation (30%).</p>		
Textbooks / Reading List	<p>Instead of a text, the instructor will provide a handout for each Powerpoint lecture. The instructor will provide PDF files of readings necessary for discussion and homework.</p>		
Websites	<p>http://www.cites.org/eng/app/appendices.php http://www.iucnredlist.org/</p>		
Website of Laboratory			
Additional Information			