

Understanding Biodiversity (생물다양성의이해) Spring 2021

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Course objectives: By the end of the course, students will be able to:

- Recognize the large amount of variation between organisms
- Understand the basics of taxonomy and species classification
- Understand how different organisms can work together in an ecosystem
- Understand why biodiversity exists and what drives the need for variation
 - between species
- Classify any organism to a species given the traits it possesses
- Use biological vocabulary correctly and within the correct context
- Use skills learned from Biodiversity to analyze and examine cryptids

Course language: This course is taught completely in English. Students will need to have a good level of English to read and understand the contents and to complete the assignments. All lectures, lessons, instructions, homework, and exams are in English only.

Course format: This course will involve the use of Lectures, Discussions, and Video & Audio each week through Canvas.

Competencies: Communicative, Self-directed learning, Specialty

Course guidelines, requirements, and expectations: All students must;

- use the required text/material and download or prepare any other materials required by the teacher.
- act respectfully and courteously in the classroom
- attend and participate actively each week. Participation is based on both activity in weekly discussion forums and other weekly student-to-student activities. Students will have a total of 7 days to participate in discussions and other activities after they are opened.
- complete all required readings, assignments, and exams

Required texts/materials: None – all texts and materials will be provided online by the Professor. Students must have access to a reliable computer with an internet connection, video, and sound.

Course website: <https://canvas.suwon.ac.kr>

Course policies:

Attendance:

- Students must access the course materials online and participate in the mandatory discussion forum each week, in order to be deemed 'present' - The mandatory discussion forum/activity will be outlined at the beginning of each week

Lateness:

- Late submission of weekly assignments/quizzes or late participation will not be accepted. The score for that week's assignment and participation will be marked as 0.

Mid-term and Final:

- Mid-term and Final assessments will be online exams and will take place during the assigned timetable slot in Midterms and Finals weeks.

Participation:

- To gain participation points, students must complete all of the following:
 - Read the discussion article each week. Give a well-detailed response to the questions asked, including opinions and information/ideas to back it up.

- Respond to at least two other students' posts.

Grading:

- Weekly Quiz: 10%
- Weekly Discussions & group activities: 20%
- Participation: 15%
- Midterm Exam: 15%
- Final Exam: 15%
- Attendance: 25%

NOTE: As is required by the University of Suwon, this course is graded on a curve (relative grading). The curve is as follows: A0/A+ ≤ 30%, B0/B+ ≤ 40%, C0/C+/D0/D+/F ≥ 30%.

Weekly Schedule:

Week 01 Introduction to the course and Canvas

Week 02 Introduction to Biodiversity

Week 03 Classification

Week 04 Taxonomy

Week 05 Ecosystems

Week 06 Mass Extinctions

Week 07 Review

Week 08 Midterm Exam

Week 09 Domains and Kingdoms

Week 10 Bacteria & Archaea

Week 11 Plantae

Week 12 Protista

Week 13 Fungi

Week 14 Animalia

Week 15 Review & Final Exam