

Syllabus

Search

 BIO1101-01 (2ND SEMESTER, 2015)


Created Date	2015-06-23 09:26:27	Last-Modified	2015-06-23 09:26:27
Course Title	GENERAL BIOLOGY & EXPERIMENTS	Credit	3
Location	ILHA311(ILHB211)	Time	Mon1,2(Tue3,4)

Instructor	Nam-on Ku	Department	대학원 융합오믹스 의생명과학과
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Core Competencies	
Target Students	Undergraduate students
Course Description & Goals	The objective of the course is to help students to understand basic concepts of biology. Emphasis is on basic biochemistry, cell biology and genetics. The course will be a foundation for higher-level biology courses. In addition to the lecture, the students will have a chance to learn basic biological techniques in lab class.
Prerequisite	.
Course Requirements	.
Grading Policy	Midterm exam: 35% Final exam: 35% lab class: 20% Class attendance and attitude: 10%
Texts & References	Biology, 10th Edition. Campbell NA, Reece JB, Urry LA, Cain ML, Wasserman SA, Minorsky PV and R.B. Jackson.
Instructor's Profile	.
TA's Name & Contact Information	.
Syllabus in English	The objective of the course is to help students to understand basic concepts of biology. Emphasis is on basic biochemistry, cell biology and genetics. The course will be a foundation for higher-level biology courses. In addition to the lecture, the students will have a chance to learn basic biological techniques in lab class.

Week	Period	Weekly Topic & Contents	Course Material Range & Assignments	Reference
1	2015-09-01 2015-09-07	Chapter 1; Biology and themes Chapter 2: Atoms and molecules Chapter 3: Water		(9.1) Fall semester classes begin (9.2 -

				9.4) Course add and drop period
2	2015-09-08 2015-09-14	Chapter 4: Carbon Chapter 5: Biological macromolecules and lipids		
3	2015-09-15 2015-09-21	Chapter 6: Energy and life		
4	2015-09-22 2015-09-28	Chapter 7: Cell structure and function		(9.26 ~ 9.28) Chuseok Holiday
5	2015-09-29 2015-10-05	Sep 28: National Holiday		(9.29) Substitute holiday
6	2015-10-06 2015-10-12	Chapter 8: Cell membranes		(10.6 - 10.8) Course withdrawal period (10.8) First third of the semester ends (10.9) Hangul Proclamation Day
7	2015-10-13 2015-10-19	Chapter 9: Cellular signaling		(10.16 ~ 10.22) Midterm Examinations
8	2015-10-20 2015-10-26	Midterm exam		(10.16 ~ 10.22) Midterm Examinations
9	2015-10-27 2015-11-02	Chapter 10: Cell respiration		
10	2015-11-03 2015-11-09	Chapter 11: Photosynthetic processes		
11	2015-11-10 2015-11-16	Chapter 12: Mitosis		(11.16) Two thirds of the semester ends
12	2015-11-17 2015-11-23	Chapter 13: Sexual life cycles and meiosis		
13	2015-11-24 2015-11-30	Chapter 14: Mendelian genetics		
14	2015-12-01 2015-12-07	Chapter 15: Linkage and chromosomes		
15	2015-12-08 2015-12-14	Study week		(12.8 - 12.21) Self-Study and Final examinations Period
16	2015-12-15 2015-12-21	Final exam		(12.8 - 12.21) Self-Study and Final examinations Period

* Changes in Management of Academic Semester

During the midterm examinations (2022.10.20. - 10.26.) and final examinations (2022.12.15. - 12.21.) period, classes or self-study should be continued unless there is an exam scheduled during the week.

* According to the University regulation section 57-2, students with disabilities can request special support related to attendance, lectures, assignments, or exams by contacting the course professor at the beginning of semester. Upon request, students can receive such support from the course professor or from the Center for Students with Disabilities(OSD). The following are examples of types of support available in the lectures, assignments, and exams: (However, actual support may vary depending on the course.)

[Lecture]

- Visual Impairment: alternative, braille, enlarged reading materials, note-taker

- Physical Impairment: alternative reading materials, access to classroom, note-taker, assigned seat
- Hearing Impairment: note-taker/stenographer, recording lecture
- Intellectual Disability/Autism: note-taker, study mentor

[Assignments and Exam]

- Visual, Physical, Hearing Impairment: extra days for submission, alternative type of assignment, extended exam time, alternative type of exam, arranging separate exam room, and proctors, note-taker
- Intellectual Disability/Autism: personalized assignments, alternative type of evaluation

