

## DEPARTMENT OF BIOLOGY UNDERGRADUATE STUDIES REGULATIONS

### A. Registration of first-year students in the Department of Biology and Online Services.

1. Following successful completion of the National Panhellenic Examinations, prospective students must confirm their registration with the Department (or their withdrawal from another Department) in accordance with Ministry of Education and Religious Affairs regulations. Once students have received their Registration Number from NKUA, they should use the NKUA [website http://webadm.uoa.gr](http://webadm.uoa.gr) to create and activate their online accounts, and to access all online services using their Username and Password.

Students who do not register via the National Examinations system must submit their required documents directly to the Department of Biology with their registration/transfer category, as well as create and activate an online account by following the same process as students who register via the National Examinations system.

#### 2.e-class NKUA

Once students create their online account, they visit the online classroom of NKUA (<https://eclass.uoa.gr/>) and register for all the courses of the curriculum that they are going to attend during the semester. Students also register for the course BIOL169 - BIOLOGY DEPARTMENT ANNOUNCEMENTS – UPDATE, to stay continuously and automatically informed about the announcements for each course.

#### 3. Issuing of the student - Academic Identification card

Once students have created the online account, they are eligible to apply online for the issue of an academic identification card (special ticket pass) on the website: <http://academicid.minedu.gov.gr/Applications> of the Ministry of Education and Religious Affairs.

#### 4. Course and Textbook Selection/Declaration

Once students have created the online account, student course registrations for the Department of Biology are made through the web services of the Registrar's Office <http://my-studies.uoa.gr>. The dates of online course registrations for the fall and spring semesters of each academic year are announced by the Secretariat. Regarding the selection/declaration and receipt of textbooks, following the completion of registration for the declaration and receipt of their textbooks at the website <http://my-studies.uoa.gr>, students enter the application "EYDOXUS" of the Ministry of Education and Religious Affairs through the portal [www.eudoxus.gr](http://www.eudoxus.gr).

5. Student Meal services: Postal address: 4th floor of the University Club, 15 Ippokratous 15 and Akademias, Athens, 106 79 Tel: 210-368 8216, 210-368 8230, 210-368 8228

[Website of the University Club](#)

Free student meals: [https://www.lesxi.uoa.gr/foititiki\\_merimna/tmima\\_sitisis\\_foititon/](https://www.lesxi.uoa.gr/foititiki_merimna/tmima_sitisis_foititon/)

## 6. Student Housing:

Secretariat of the Student Housing Tel. 210 7258723

<http://fepa.uoa.gr>

Housing allowance: [https://www.uoa.gr/foitites/paroches\\_drastiriotes/stegastiko\\_epidoma/](https://www.uoa.gr/foitites/paroches_drastiriotes/stegastiko_epidoma/)

## 7. Study Advisor

Students will be informed, in writing, about their Study Advisor by the Secretariat. First-year students are assigned Study Advisors from the Department of Biology to assist them in their transition from secondary to higher education. Additionally, advisors provide advice and information to students on matters relating to their studies and careers, and provide special support to students facing serious family, personal, or other difficulties.

First-year students are assigned by Registration Number and alphabetical order to Professors who are Study Advisors of the Department, except for students in special categories.

## 8. Certificates for special needs in attendance:

Students who have certificates regarding their mode of participation in examinations (written - oral), submit the certificates along with an application to the Department's Secretariat, in addition to informing the Faculty Advisor <https://access.uoa.gr/> (Accessibility Unit of NKUA).

## **B. Student obligations**

It is the student's responsibility to:

- Register/declare the courses of each semester in the Department's secretariat's online services
- Lectures for the course should be attended.
- Consistently attend laboratory courses.
- Represent the Student Association in University bodies where they have been elected.

## **C. Curriculum**

Curriculums contain the titles, content, weekly teaching hours, and semester distribution of courses.

- The Curriculum is adapted to the minimum number of semesters needed to complete a degree, which is eight semesters.

- A semester course includes a number of 'credit hours' (CH) and a number of European Credit Transfer and Accumulation System (ECTS) credits.

Undergraduate Studies, approved by the NKUA Senate on 31-8-2017, includes several courses covering the broader field of Biology and providing students with knowledge in the following areas: a) Cell Biology and Biophysics; b) Biochemistry and Molecular Biology; c) Botany; d) Genetics and Biotechnology; e) Zoology and Marine Biology; f) Ecology and Taxonomy; and g) Animal and Human Physiology..

- The Program of Studies includes the following::

- **There are 16 Compulsory Courses accumulating 133 ECTS, 14 of which are taught during the first four semesters (A', B', C' and D')**. The 15th course (Evolutionary Biology) and the 16th course (Teaching of Life Sciences) are taught in the 5th semester.

- **The last two years of the curriculum offer 37 elective courses.**

A minimum of seven (7) compulsory courses must be completed before enrolling in elective courses.

Students may register for no more than five (5) Elective Courses per semester that include a laboratory.

- **Compulsory Diploma Thesis** accumulating 40 ECTS during the last two semesters of study (7 and 8).

- **Other Departments of the University of Athens offer free elective courses.** By decision of the Departmental Assembly, the list of Free Elective Courses is established and revised. Following the completion of the second semester of studies, students are entitled to attend free Elective Courses offered by other Departments at the School, up to a maximum of two (2) courses in their total studies.

- **Practical Training is available in cooperation with participating Host Institutions in the Public and Private Sectors as part of the Elective Courses of the 5th semester and consists of four ECTS credits.**

The grade and ECTS of the internship do not count towards the total number of credits required for the degree, but the course is mentioned in the analytical grade and in the Diploma Supplement

#### D. Organization of courses in semesters

##### 1. List of Compulsory Courses by Semester

*The odd numbered semesters are Fall semesters, the evenly numbered semesters are Spring semesters*

Title	Code	Semester	Credits	ECTS
History and Evolution of Biology	13B001	1 <sup>o</sup>	3	5.0
Zoology	13B002	1 <sup>o</sup>	7	9.5
Organic Chemistry	13B003	1 <sup>o</sup>	6	8.0
General & Analytical Chemistry	13B004	1 <sup>o</sup>	6	8.0
Botany	13B005	2 <sup>o</sup>	8	10.5
Biochemistry	13B006	2 <sup>o</sup>	8	10.5

Basic Mathematical Concepts & Biostatistics	13B007	2°	5	7.0
Cell Biology	13B008	3°	7	9.5
Molecular Biology	13B009	3°	6	8.0
Plant Physiology	13B010	3°	6	8.0
Genetics	13B011	3°	7	9.5
General Microbiology	13B012	4°	6	8.0
Animal Physiology	13B013	4°	6	8.0
Ecology	13B014	4°	8	10.5
Evolutionary Biology	13B015	5°	5	7.0
Didactic of Biosciences	13B055	8°	4	6.0
DIPLOMA THESIS	13B016	7°& 8°	15	40.0

## 2. Elective Courses per Semester:

*The odd numbered semesters are Fall semesters, the evenly numbered semesters are Spring semesters*

Course Title	Code	Semester	Credits	ECTS
Human Genetics	13B017	5th	5	6,5
Plant Ecoanatomy	13B018	5th	4	5,5
Molecular Microbiology	13B019	5th	3	4,0
Plant Cell Biology	13B020	5th	4	5,5
Immunology	13B021	5th	4	5,5
Conservation Biology	13B022	5th	5	6,5
Topics in Contemporary Molecular Biology	13B023	5th	4	5,5
Physical Anthropology	13B024	5th	4	5,5
Paleontology	13B025	5th	4	5,5
Physics	13B026	5th	5	6,5
Molecular Genetics	13B027	6th	5	6,5
Fauna of Greece	13B028	6th	4	5,5
Plant Metabolism	13B029	6th	5	6,5
	13B030	6th	4	5,5
Advanced Cell Biology	13B031	6th	5	6,5
Animal Behavior	13B032	6th	4	5,5

*The odd numbered semesters are Fall semesters, the evenly numbered semesters are Spring semesters*

Course Title	Code	Semester	Credits	ECTS
Biophysics	13B033	6th	5	6,5
Terrestrial Ecosystems of Greece	13B034	6th	5	6,5
Flora of Greece	13B035	6th	3	4,0
Clinical Biochemistry	13B036	6th	5	6,5
Comparative Animal Physiology	13B037	6th	4	5,5
Biotechnology	13B038	6th	5	6,5
Developmental and Molecular Animal Biology	13B039	7th	5	6,5
Biological Oceanography	13B040	7th	4	5,5
Bioinformatics	13B041	7th	4	5,5
Ichthyology	13B042	7th	3	4,0
Mycology	13B043	7th	4	5,5
Phycology	13B044	7th	3	4,0
Neurobiology - Neurochemistry	13B045	7th	3	4,0
Applied and Environmental Microbiology	13B046	7th	3	4,0
Molecular Plant Development	13B047	7th	4	5,5
Ecosystems of Inland Waters	13B048	7th	3	4,0
Molecular Ecology	13B049	7th	3	4,0
Plant Ecophysiology	13B050	8th	5	6,5
Topics in Contemporary Biochemistry	13B051	8th	4	5,5
Island Biogeography	13B052	8th	3	4,0
Genomics	13B053	8th	3	4,0

### **3. Free-Choice Elective Courses per Semester:**

Upon completion of the 2nd Semester, students have the option of attending free-choice elective courses offered by other Departments of the University of Athens, with a maximum of two (2) courses during their studies. *The list of free-choice courses is prepared and revised by a decision of the Assembly of the Department (24/01/2019).*

Course Title	Code	Semester	Credits	ECTS
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Course Title	Code	Semester	Credits	ECTS
Bioethics	53396	1st	...	3,0
Geographic Information Systems and Remote Sensing Principles	14Y2204	2nd	6	6,0
PRACTICAL TRAINING	13B054	5th	3	4,0
Finance & Business Administration	11529	5th	...	...
Food Chemistry	11626	6th		6,0
Environmental Geology	14Y7201	7th	6	6,0
Applied Climatology - Atmospheric Pollution - Palaeoclimatology	14E7204	7th	4	4,0

#### E. Degree Requirements

1. The following requirements must be met to obtain a Degree in Biology:

- i. A minimum of eight semesters of study completed successfully
- ii. Completion of 17 compulsory courses, including the Diploma Thesis (CODE 13B016),

- iii. Successful completion of at least 10 electives offered only by the Department of Biology; and a minimum of 240 ECTS credits

2. If a student successfully completes more elective and/or free choice courses than required in the program of study for the degree, he/she may select which courses will not be included in the grading of the final degree grade, provided that the total number of ECTS credits accumulated from the remaining courses is at least equal to 240.

3. The maximum number of Free Elective courses that may be counted towards the 240 ECTS required for degree completion is two (2) courses

4. Practical training (COURSE CODE 13B054), which is included in the Elective Courses of the 5th semester of the undergraduate curriculum, is not counted in the credits necessary for the degree, nor is its grade included in the final degree grade calculation. The Diploma Supplement includes the course code, the credits, and the grade for the Practical Training course

#### F. Calculation of Degree Grade

- The grade of the B.Sc. Degree in Biology is calculated as a function of the number of 240 ECTS credits required as a minimum. The grade is calculated considering the weight of each course in the curriculum, expressed in terms of the number of ECTS credits. The number of ECTS credits of a course is also the weighting factor for that course.

-In order to calculate the grade of the Degree in BIOLOGY, the grade of each course is multiplied by the corresponding number of credits (of the course) and the total sum of the individual products is divided by the total number of credits required for the degree. Example 1: For a student who obtains the Degree with 240 ECTS, the total sum of the individual sums (the grade of each course multiplied by the corresponding number of credits of the course) is divided by 240. Example 2. For a student who obtains the degree with 243 ECTS, the total sum of the individual sums (grade of each course multiplied by the corresponding number of credit hours of the course) is divided by 243.

#### G. Examinations

Examinations are conducted according to the schedule established by the Timetable Committee and approved by the Departmental Assembly.

Students are eligible to take the regular or repeat examinations of each course only if they have registered for the course during the online registration period of the respective semester and have attended the laboratory portion of the course properly (provided the course includes laboratory exercises). The students who do not successfully complete the final examination of

the course in which they have enrolled must re-register in a later semester in order to be eligible to take the examination.

Students are required to carry their police and student - academic ID cards when taking the examinations.

#### H Part-time student regulations

Part-time students are also subject to the same curriculum restrictions as full-time students.

The variations in the curriculum regulations for the period that students are on part-time status relate to:

1. Duration of study (two semesters/semesters of full attendance)
2. The table below shows the maximum number of courses part-time students can declare per semester.

Semester	Maximum number of courses students are allowed to declare from the curriculum of the Department of Biology
1 <sup>o</sup>	2
2 <sup>o</sup>	2
3 <sup>o</sup>	2
4 <sup>o</sup>	2
5 <sup>o</sup>	2
6 <sup>o</sup>	2
7 <sup>o</sup>	2
8 <sup>o</sup>	2
9 <sup>o</sup>	3
10 <sup>o</sup>	3
11 <sup>o</sup>	3
12 <sup>o</sup>	3
13 <sup>o</sup>	3
14 <sup>o</sup>	3
15 <sup>o</sup>	2
16 <sup>o</sup>	2

From the 5th semester onwards, part-time students can attend, in addition to the courses of the Curriculum of the Department of Biology, Free Elective Courses offered by other Departments, with a maximum number of two (2) courses and a maximum number of one (1) course per semester.



The duration of the Diploma Thesis, is set at 4 semesters.

#### I. Suspension of studies

With the request of the student concerned, to the Department and approval from the Department Assembly and the Dean's Office of the Faculty, the student can suspend his or her studies. During the period of suspension of studies, the student's status shall be revoked, and all relevant rights of the student shall be suspended. Restoring student status requires the person to do so by filing a new application for reinstatement to full-time status.

#### J, Transitional provision for students enrolled before 2017-2018

Students who began their studies prior to the 2017-2018 academic year must enroll in the (revised) Undergraduate Program of Study beginning in the 2022-2023 academic year. Students enrolled in the old Program of Studies can apply to join the revised Program of Studies by contacting the Secretariat during the current academic year.

Course correspondences between the old and the revised undergraduate curriculum are as follows:

OLD UNDERGRADUATE CURRICULUM			REVISED UNDERGRADUATE CURRICULUM			
COURSE TITLE	Course code	C/E		Course Title	Course code	C/E
<b>1<sup>st</sup> Semester</b>						
INTRODUCTION TO BIOLOGY	13A101	C		–		
INTRODUCTORY BOTANY	13A103	C	→	50% BOTANY*	13B005	C
INORGANIC CHEMISTRY	13A104	C	→	50% GENERAL & ANALYTICAL CHEMISTRY*	13B004	C
ORGANIC CHEMISTRY	13A105	C	→	ORGANIC CHEMISTRY	13B003	C

GENERAL MATHEMATICS	13A106	C	→	25% BASIC MATHEMATICAL CONCEPTS & BIOSTATISTICS *	13B007	C
<b>2<sup>nd</sup> Semester</b>						
ZOOLOGY I	13A102	C	→	50% ZOOLOGY *	13B002	C
BIOCHEMISTRY I	13A201	C	→	50% BIOCHEMISTRY *	13B006	C
PHYSICS	13A204	C	→	PHYSICS	13B026	E
ANALYTICAL CHEMISTRY	13A205	C	→	50% GENERAL & ANALYTICAL CHEMISTRY *	13B004	C
PLANT TAXONOMY AND BIOSYSTEMATICS	13A206	C	→	50% BOTANY *	13B005	C
<b>3<sup>rd</sup> Semester</b>						
ZOOLOGY II	13A203	C	→	50% ZOOLOGY *	13B002	C
BIOCHEMISTRY II	13A301	C	→	50% BIOCHEMISTRY *	13B006	C
Cell Biology	13A302	C	→	Cell Biology	13B008	C
<u>Plant Physiology</u>	13A304	C	→	<u>Plant Physiology</u>	13B010	C
<u>Physical Anthropology</u>	13A502	E	→	<u>Physical Anthropology</u>	13B024	E
<u>Plant Anatomy</u>	13A507	E	→	PLANT ECOANATOMY	13B018	E
Paleontology	13A510	E	→	Paleontology	13B025	E
<b>4<sup>th</sup> Semester</b>						
Genetics	13A401	C	→	Genetics	13B011	C
Molecular Biology	13A402	C	→	Molecular Biology	13B009	C
General Ecology	13A403	C	→	50% Ecology *	13B014	C
Animal Physiology	13A404	C	→	Animal Physiology	13B013	C
Plant Metabolism	13A601	E	→	Plant Metabolism	13B029	E
Biostatistics	13A608	E	→	75% Basic Mathematical Concepts & Biostatistics *	13B007	C
Pedagogics	13A610	E		-		

<b>5<sup>th</sup> Semester</b>						
General Microbiology	13A303	C	→	General Microbiology	13B012	C
Population Ecology	13A501	C	→	50% Ecology*	13B014	C
Immunology	13A503	E	→	Immunology	13B021	E
Advanced Genetics	13A504	E	→	Molecular Genetics	13B027	E
Human Genetics	13A505	E	→	Human Genetics	13B017	E
Plant Cell Biology	13A506	E	→	Plant Cell Biology	13B020	E
Terrestrial Plants & Fungi	13A512	E	→	Mycology and	13B043	E
				Flora of Greece	13B035	E
Aquatic Plant Organisms	13A511	E	→	Phycology	13B044	E
<b>6<sup>th</sup> Semester</b>						
Bioinformatics	13A614	E	→	Bioinformatics	13B041	E
Biophysics	13A606	E	→	Biophysics	13B033	E
Advanced Molecular & Applied Microbiology	13A603	E	→	Molecular Microbiology and	13B019	E
				Applied and Environmental Microbiology	13B046	E
Advanced Cell Biology	13A612	E	→	Advanced Cell Biology	13B031	E
Advanced Molecular Biology	13A615	E	→	Topics in Contemporary Molecular Biology	13B023	E
Animal Diversity	13A617	E	→	Fauna of Greece	13B028	E
Clinical Chemistry	13A607	E	→	Clinical Biochemistry	13B036	E
Comparative Animal Physiology	13A808	E	→	Comparative Animal Physiology	13B037	E
Aquaculture	13A605	E	→	Aquaculture	13B030	E
<b>7<sup>th</sup> Semester</b>						
Evolutionary Biology	13A708	C	→	Evolutionary Biology	13B015	C
Developmental Biology & Histology	13A703	E	→	Developmental and Molecular Animal Biology	13B039	E
Ichthyology	13A705	E	→	Ichthyology	13B042	E
Molecular Biology of Development	13A707	E	→	-		
Surface Waters	13A709	E	→	Ecosystems of Inland Waters	13B048	E

<b>8<sup>th</sup> Semester</b>							
Molecular Plant Development	13A809	E	→	Molecular Plant Development	13B047	E	
Biological Oceanography	13A704	E	→	Biological Oceanography	13B040	E	
Biotechnology	13A806	E	→	Biotechnology	13B038	E	
Didactic of Biosciences	13A811	E	→	Didactic of Biosciences	13B055	C	
Advanced Biochemistry Topics	13A706	E	→	Topics in Contemporary Biochemistry	13B051	E	
Plant Ecophysiology	13A802	E	→	Plant Ecophysiology	13B050	E	
Terrestrial Ecosystems of Greece	13A804	E	→	Terrestrial Ecosystems of Greece	13B034	E	
DIPLOMA THESIS	13A801	C	→	DIPLOMA THESIS	13B016	C	
Practical training	13A810		→	Practical training	13B054		

\* The final grade granted is calculated by rounding to the nearest whole number when the grade resulting from the percentages of two courses is decimal.