

ULUDAĞ ÜNİVERSİTESİ

REFERENCE

Diploma No : 11243  
Diploma Date : 18.08.2011

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This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.).

It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition.

Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1 Family name(s) 1.2 Given name(s)  
Ç [REDACTED] B [REDACTED]  
1.3 Date of birth (day/month/year) 1.4 Student identification number  
24<sup>th</sup> of January 1989 [REDACTED] 538

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of the qualification and title conferred  
Biyoloji, Lisans  
2.2 Main field(s) of study for the qualification  
Biology  
2.3 Name and status of awarding institution  
Uludağ Üniversitesi, Devlet Üniversitesi  
Uludağ University, State University  
2.4 Name and status of institution administering studies  
Same as 2.3  
2.5 Language(s) of instruction / examination  
Turkish

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of qualification  
First Cycle (Bachelor's Degree)  
3.2 Official length of programme  
4 years, 2 semesters per year, 14 weeks per semester (excluding exam period), 240 ECTS.  
3.3 Access requirement(s)  
High school diploma  
Placement through a nation-wide Student Selection Examination (ÖSS)



## 4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

### 4.1 Mode of study

Full-time

### 4.2 Programme requirements

A student is required to have a minimum CGPA of 2.00/4.00 and no failing grades.

The aim of the program is to train biologists who perceive the nature as a whole, notice the problems in ecological balance and are able to see the living world from the eyes of a researcher. The graduates can use the basic knowledge they gained regarding the classification of living things and their structural and molecular properties; dispose the fundamental knowledge in other related sciences as well as biology; use basic computer programs and information technologies; perform the methods used in biological research to analyze and solve the problems; be open to scientific innovations and apply them in the field; see the continuity of the relationship between the environment and living things as a whole, to comprehend the position and responsibility of human beings in nature; analyse experiments and observation results analytically and draw conclusions; be able to reach up to date information and apply the gained knowledge; transfer the information clearly and understandably; be aware of his/her responsibility towards the society and country and behave according to ethical rules.

### 4.3 Programme details and the individual grades/marks obtained:

Code	Course Name	Course Category	Credit	Grade	ECTS	Code	Course Name	Course Category	Credit	Grade	ECTS
<b>Semester 1</b>						<b>Semester 2</b>					
AIT101	Ataturk'S Principles And The History Of Revolutions I	Compulsory	2.00	2.00	2.00	AIT102	Ataturk'S Principles And The History Of Turkish Revolutions - II	Compulsory	2.00	2.50	2.00
BYL1001	General Biology (Botany)	Compulsory	3.00	3.00	5.00	BYL1002	General Biology (Zoology)	Compulsory	3.00	2.00	5.00
BYL1041	Computer Applications In Biology	Compulsory	3.00	3.00	4.00	BYL1006	Citology	Compulsory	2.00	2.50	3.00
BYL1051	General Biology (Botany) Lab	Compulsory	1.00	3.00	2.00	BYL1052	General Biology (Zoology) Lab	Compulsory	1.00	3.00	2.00
KMY1031	General Chemistry I	Compulsory	3.00	3.50	5.00	BYL1056	Citology Lab	Compulsory	1.00	2.00	2.00
KMY1061	General Chemistry I Lab	Compulsory	1.00	2.50	2.00	FZL1076	Physics	Compulsory	3.00	3.00	4.00
MAT1095	Mathematics	Compulsory	4.00	2.00	6.00	FZL1078	Physics Lab	Compulsory	1.00	2.00	2.00
TUD101	Turkish Language I	Compulsory	2.00	4.00	2.00	KMY1032	General Chemistry II	Compulsory	3.00	2.00	4.00
YAD101	Foreign Language (English) - I	Elective	2.00	2.50	2.00	KMY1062	General Chemistry II Lab	Compulsory	1.00	2.50	2.00
						TUD102	Turkish Language II	Compulsory	2.00	3.50	2.00
						YAD102	Foreign Language (English) - II	Elective	2.00	2.50	2.00
<b>Semester 3</b>						<b>Semester 4</b>					
BYL2003	General Microbiology	Compulsory	3.00	2.00	6.00	AIT202	History Of Turkish Revolution (Nutuk)	Compulsory	2.00	2.50	2.00
BYL2005	Plant Morphology And Anatomy	Compulsory	3.00	1.50	6.00	BYL2002	Histology	Compulsory	2.00	2.00	4.00
BYL2007	Taxonomy And Morphology Of Invertebrates	Compulsory	3.00	2.50	6.00	BYL2004	Molecular Biology	Compulsory	3.00	2.50	5.00
BYL2009	Animal Anatomy	Compulsory	2.00	1.50	4.00	BYL2010	Ecology	Compulsory	2.00	2.00	4.00
BYL2053	General Microbiology Lab	Compulsory	1.00	2.00	2.00	BYL2012	Taxonomy And Morphology Of Vertebrates	Compulsory	3.00	2.50	5.00
BYL2055	Plant Morphology And Anatomy Lab	Compulsory	1.00	3.00	2.00	BYL2052	Histology Lab	Compulsory	1.00	1.50	2.00
BYL2057	Taxonomy And Morphology Of Invertebrates Lab	Compulsory	1.00	3.50	2.00	BYL2062	Taxonomy And Morphology Of Vertebrates Lab	Compulsory	1.00	3.00	2.00
BYL2059	Animal Anatomy Lab	Compulsory	1.00	3.00	2.00	KMY2436	Organic Chemistry	Compulsory	3.00	3.00	6.00
<b>Semester 5</b>						<b>Semester 6</b>					
BYL3001	Genetics I	Compulsory	3.00	3.50	5.00	BYL3002	Genetics II	Compulsory	2.00	3.50	3.00
BYL3003	Plant Physiology	Compulsory	3.00	2.50	5.00	BYL3004	Animal Physiology	Compulsory	3.00	2.50	4.00
BYL3005	Biochemistry I	Compulsory	2.00	3.50	3.00	BYL3006	Biochemistry II	Compulsory	2.00	3.00	3.00
BYL3007	Taxonomy Of Cryptogamae	Compulsory	3.00	3.00	5.00	BYL3008	Limnology	Compulsory	2.00	2.50	3.00
BYL3051	Genetics I Lab	Compulsory	1.00	2.50	2.00	BYL3010	Taxonomy Of Flowering Plants	Compulsory	3.00	2.50	4.00
BYL3053	Plant Physiology Lab	Compulsory	1.00	2.00	2.00	BYL3052	Genetics II Lab	Compulsory	1.00	3.00	2.00
BYL3055	Biochemistry I Lab	Compulsory	1.00	2.50	2.00	BYL3054	Animal Physiology Lab	Compulsory	1.00	2.50	2.00
BYL3057	Taxonomy Of Cryptogamae Lab	Compulsory	1.00	2.50	2.00	BYL3056	Biochemistry II Lab	Compulsory	1.00	3.00	2.00
TRH0501	History Of Culture	Elective	2.00	2.00	4.00	BYL3058	Limnology Lab	Compulsory	1.00	2.50	2.00
						BYL3060	Taxonomy Of Flowering Plants Lab	Compulsory	1.00	2.00	2.00
						TDE0502	Speech Training	Elective	2.00	3.00	3.00
<b>Semester 7</b>						<b>Semester 8</b>					
BYL4013	Human Biology	Elective	3.00	3.00	5.00	BYL4020	Endocrinology	Elective	3.00	3.50	5.00
BYL4035	Marine Biology	Elective	3.00	2.50	5.00	BYL4022	Human Genetics	Elective	3.00	3.00	5.00
BYL4085	Palyology	Elective	3.00	3.50	5.00	BYL4034	Animal Ecology	Elective	3.00	2.00	5.00
BYL4087	Enzyme Technology	Elective	3.00	2.00	5.00	BYL4038	Wild Life And Animal Diversity	Elective	3.00	1.50	5.00
BYL4099	Radiobiology	Elective	3.00	3.00	5.00	BYL4088	Industrial Microbiology	Elective	3.00	2.50	5.00
SAT0501	Anatolian Art I	Elective	2.00	1.50	5.00	SAT0504	Anatolian Art II	Elective	2.00	2.50	5.00

**Total Credits : 144.00**

**CGPA : 2.59 out of 4.00**

**Total ECTS : 240.00**

### 4.4 Grading Scheme and Grades

For each course taken, the student is given one of the following grades by the course teacher.

Degree of Success	Letter Grades	Numeral Grades	Other	Signs
Perfect	AA	4.00	D	Non-attendant
Very Good	BA	3.50	S	Study in progress
Good	BB	3.00	E	Incomplete
Average	CB	2.50	G	Satisfactory completion
Passing Grade	CC	2.00	M	Exempt
Conditional Passing Grade	DC	1.50	K	Unsatisfactory
Conditional Passing Grade	DD	1.00		
Failure	FD	0.50		
Failure	FF	0.00		

(D) is given to the students who have not fulfilled the obligation of attendance or the conditions regarding the course applications. (D) is added to average account as (FF). Students who get (D) in a course cannot benefit from the rights specified in article 35.

(S) is given to the students who carry on the courses not added to averages.

(E) is given to the students who have not fulfilled the obligation of laboratory, projects, assignments and the like due to documented reasonable and valid reasons despite taking the final examination. Students who get (E) have to get a grade by completing the deficiencies within 15 days following the deliverance of the grades to student affairs. Otherwise (E) automatically becomes (FF). However, in case of prolonged medical problems and the like, the duration of (E) can be extended to the

beginning of the next enrolment period by the recommendation of the chairmanship of the department or program and the approval of the administrative board of the faculty or vocational school.

(G) is given to the students successful in no-credit courses. (G) is not added to averages.

(M) is given to the courses from which the students who have completed the transfer or vertical transfer process are exempt or to the courses taken by the students who have enrolled in the related department through Student Selection and Placement Centre but already taken and succeeded in some courses from similar or equal departments which the equivalence is recognized by the administrative board of the faculty or vocational school upon recommendation of the chairmanship of the department or program.

The grades of these courses are converted into letter grades and added to the average.

(K) is given to the students who have failed in no-credit courses.

#### **Grade Point Average**

The success states of the students are specified by Grade Point Averages (GPA) and Cumulative Grade Point Average (CGPA) computed at the end of each term. (GPA) is the weighted grade average of the term the student is enrolled in. CGPA is the weighted grade average of the students computed by considering all the courses in the course plan of the enrolled department or program starting from the entrance to the university. These averages are computed and announced by the related unit at the end of each term.

GPA and CGPA are computed with the weighted grade averages. Weighted grade average is obtained by dividing the sum of the product of course credits and the weight coefficients equivalent of the letter grades to the total credit. Weighted point average is computed in two columns after comma.

Both GPA and CGPA are determined by adding all the grades students get from credit courses ranging from (AA) to (FF) to assessment.

Satisfactory	2.00-2.99
Honors	3.00-3.49
High honors	3.50-4.00

#### **4.5 Overall Classification of the Qualification**

2.59 / 4 BAŞARILI

### **5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION**

#### **5.1 Access to further study :**

May apply to second cycle programmes.

#### **5.2 Professional Status :**

This degree enables the holder to exercise the profession.

### **6. ADDITIONAL INFORMATION**

#### **6.1 Additional information :**

Biology web site <http://biyoloji.uludag.edu.tr>

#### **6.2 Further information sources :**

University web site : <http://www.uludag.edu.tr>  
University information package / course catalogue : <http://en.uludag.edu.tr/bologna>  
The Council of Higher Education web site : <http://www.yok.gov.tr>

### **7. CERTIFICATION OF THE SUPPLEMENT**

7.1 Date : 06.09.2012

7.2 Name and Signature : Gülay Uyar

7.3 Capacity : Acting Registrar

7.4 Official stamp or seal:

## 8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

The Basic Structure of the Turkish National Education System consists of four main stages as pre-school education, primary education, secondary education and higher education.

Pre-school education consists of non-compulsory programmes whereas primary education is a compulsory 8 year programme for all children beginning from the age of 6. The secondary education system includes "General High Schools" and "Vocational and Technical High Schools".

Higher Education is defined as all post-secondary programmes with a duration of at least two years. The system consists of universities (state and non-profit foundation) and other types of higher education institutions (police and military academies and foundation vocational schools). Each university consists of faculties and schools offering First Cycle (Bachelor's level) programmes (240 ECTS), two year vocational higher schools offering Short Cycle (Associate's level) programmes (120 ECTS) of a strictly vocational nature and also graduate schools administering graduate programmes.

The Higher Education Law No. 2547 is the main law, which governs the higher education in Turkey. All universities (both state and non-profit foundation) are subject to the same law and regulations/rules. All state and non-profit foundation universities are founded by Law. The Higher Education System is regulated by the Council of Higher Education (Yüksek Öğretim Kurulu-YÖK) established in 1981, the Council regulates the activities of higher education institutions with respect to research, governing, planning and organization.

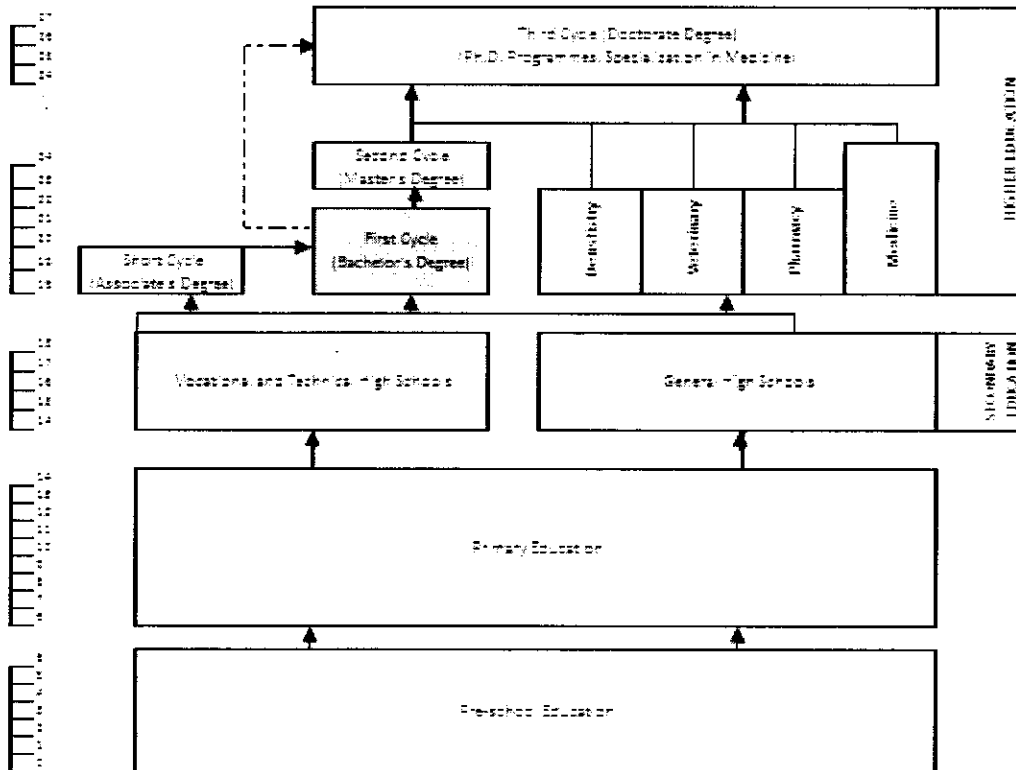
Admission to higher education is based on a nation-wide Student Selection Examination (ÖSS). The examination is held once a year and is administered by the Student Selection and Placement Center (ÖSYM). Candidates gain access to institutions of higher education based on their composite scores consisting of the scores on the selection examination and their high school grade point averages.

Graduate level of study consists of the Second Cycle (Master's Degree) and the Third Cycle (PhD/Doctorate Degree) programmes. There are two types of Master's programmes: with or without a thesis. The Master's programmes with a thesis have 120 ECTS and consist of a minimum of seven courses, with a minimum of 21 national credits\*, one seminar course, and a thesis. The seminar course and thesis are non-credit and graded on a pass/fail basis. The duration of the Master's programmes with a thesis is four semesters. Non-thesis Master's programmes have 90 ECTS and consist of a minimum of 10 courses with a minimum of 30 national credits and a non-credit semester project. The semester project is graded on a pass/fail basis. Duration of the non-thesis Master's programmes is three semesters. PhD programmes have 240 ECTS and duration of eight semesters which consists of completion of a minimum of seven courses, with a minimum of 21 national credits, passing a qualifying examination, preparing and defending a doctoral dissertation. Specialization in Medicine accepted as equivalent to third cycle programmes are carried out within the faculties of medicine, university hospitals and the training hospitals owned by the Ministry of Health.

Since 2003, a change in the 1996 Regulations on Graduate Education allows Bachelor's degree holders to PhD programmes if their performance at the Bachelor's degree level is exceptionally high and their application is approved. For these students, the theoretical part of the PhD programmes consists of a minimum of 14 courses, with a minimum of 42 national credits.

\*The national credit system is based on contact hours (i.e. theoretical or practical hours per week). 1.0 credit stands for each hour of lecture a week and 0.5 credit stands for each hour of laboratory or practical a week.

GENERAL STRUCTURE OF THE TURKISH EDUCATION SYSTEM



Since 2003, the Bachelor's degree holders whose performance at Bachelor's level is exceptionally high can directly go to the Doctorate level programmes.