

7. CERTIFICATION

- 7.1. Date : 18.07.2013
- 7.2. Name and Signature : Mehmet Emin DEM RÖRS
- 7.3. Capacity : General Director of Student Affairs
- 7.4. Official stamp or seal :

Diploma No : 2012/02578

Diploma Date : 15.07.2013



YÜZÜNCÜ YIL UNIVERSITY Diploma Supplement

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8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

Structure and Degree System

The basic structure of the Turkish National Education System consists of stages of noncompulsory pre-school education; compulsory primary (elementary and middle school) and secondary (high school) education; and higher education. Primary education begins at the age of 5.5 (66 months), lasts eight years and comprises elementary and middle school education, four years each. Secondary education is also four years and divided into two categories as "General High School Education" and "Vocational and Technical High School Education". The entry into these categories is through composite scores obtained from a centralized exam for secondary schools.

Higher education system in Turkey is managed by the Council of Higher Education (CoHE, Yükseköğretim Kurulu-YÖK) which is an autonomous public body responsible for the planning, coordination, governance and supervision of higher education within the provisions set forth in the Constitution of the Turkish Republic and the Higher Education Law. Both state and non-profit foundation universities are founded by law and subjected to the Higher Education Law and to the regulations enacted in accordance with it.

Higher education in Turkey comprises all post secondary higher education programmes, consisting of short, first, second, and third cycle degrees in terms of the terminology of the Bologna Process. The structure of Turkish higher education degrees is based on a two-tier system, except for dentistry, pharmacy, medicine and veterinary medicine programmes which have a one-tier system. The duration of these one-tier programmes is five years (300 ECTS) except for medicine which lasts six years (360 ECTS). The qualifications in these one-tier programmes are equivalent to the first cycle (bachelor's) plus second cycle (master's) degree. Undergraduate level of study consists of short cycle (associate's)-(önlisans derecesi) and first cycle (bachelor's)-(lisans derecesi) degrees which are awarded after successful completion of full-time two-year (120 ECTS) and four-year (240 ECTS) study programmes, respectively.

Graduate level of study consists of second cycle (master's)-(yüksek lisans derecesi) and third cycle (doctorate)-(doktora derecesi) degree programmes. Second cycle is divided into two sub-types named as master without thesis and master with thesis. Master programmes without thesis require 60 to 90 ECTS credits and consist of courses and a semester project. 60 ECTS non-thesis master programmes are exceptional, and exist in a few disciplines. The master programmes with a thesis require 90 to 120 ECTS credits, which consists of courses, a seminar, and a thesis. Third cycle (doctorate) degree programmes are completed having earned a minimum of 180 ECTS credits, which consists of completion of courses, passing a proficiency examination and a doctoral thesis. Specialization in medicine, accepted as equivalent to third cycle programmes are carried out within the faculties of medicine, university hospitals and the training hospitals operated by the Ministry of Health.

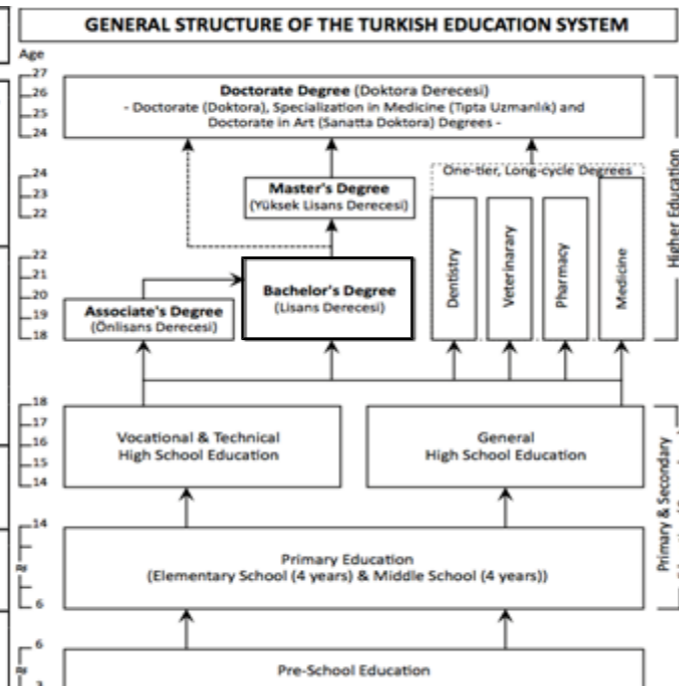
Universities consist of graduate schools (Institutes) offering second cycle (master's) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor's degree) programmes, four-year higher schools offering first cycle (bachelor's) degree programmes with a vocational emphasis and two-year vocational schools offering short cycle (associate's) degree programmes of a strictly vocational nature.

Since 2003, first cycle degree holders may apply directly to third cycle (doctorate) programmes if their performance at the first cycle degree level is exceptionally high and their national central Graduate Education Entrance Examination (ALES) score is also high and their application is approved. For these students, theoretical part of the programmes requires additional courses of 60 ECTS credits.

Admission of national students to short and first cycle degree programmes is centralized and based on a nationwide one/two-stage examination(s) conducted by an autonomous public body (Assessment, Selection and Placement Centre-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. Admission to graduate programmes is directly conducted by the higher education institutions (HEIs) within the frameworks of the publicly available national and institutional regulations. Admission of foreign students to programmes at all levels of higher education can be done by direct applications of candidates to HEIs based on publicly available national and institutional regulations.

The Turkish National Qualifications Framework for Higher Education (TYYÇ): The National Qualifications Framework for Higher Education in Turkey (TYYÇ) developed with reference to the QF for European Higher Education Area and the EQF for lifelong learning was adopted by the CoHE in 2010. The framework has been developed as a part of a single national qualifications framework, which would eventually consist of 8 level national framework covering all levels of education on completion of the ongoing work at the national level, in which the higher education levels lie on levels between 5 to 8. The levels of the TYYÇ with reference to the European overarching qualifications frameworks as well as that to ECTS credits and student workload are shown below.

TYYÇ LEVELS, QUALIFICATIONS TYPES AND ECTS CREDITS				
Higher Education Levels/Cycles	AWARDS/ DEGREES	LENGTH (Year)	TOTAL ECTS CREDITS (Year x 60 ECTS)	TOTAL STUDENT WORKLOAD (h) (1 ECTS= 25-30h)
3	Doctorate Specialization in Medicine Doctorate in Art	3 (min.)	180 (min.)	4.500 – 5.400
2	Master's Degree	1-2	60 - 120	1.500 – 3.600
1	Bachelor's Degree	4	240	6.000 – 7.200
Short Cycle	Associate's Degree	2	120	3.000 – 3.600



This Diploma Supplement follows the model 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) : DEM R
- 1.2. Given name(s) : EREN
- 1.3. Date of birth : 17.01.1990
- 1.4. Student identification number : 09020055041

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1. Name of qualification and (if applicable) title conferred (original language):
Biyoloji, Lisans
- 2.2. Main field(s) of study for the qualification:
Biology, Bachelor's Degree
- 2.3. Name and status of awarding institution (in original language):
**Yüzüncü Yıl Üniversitesi, Devlet Üniversitesi
Yüzüncü Yıl University, State University**
- 2.4. Name and status of institution (if different from 2.3) administering studies (in original language):
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 level)
- 3.2. Official length of programme:
4 years, 2 semesters per year, 16 weeks per semester
- 3.3. Access requirements(s):
**High School Diploma
Placement through a nation-wide Student Selection and Placement Examinations (YGS and LYS)**

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study:

Full-time

4.2. Programme requirements:

Bachelor's degree is awarded to students who have: successfully completed all courses in the curriculum (at least 240 ECTS) a minimum CGPA of 60/100

4.3. Program details (e.g. modules or units studied), and the individual grades/marks/credits obtained:

Course Code and Name	Category (Compulsory/Elective)	Grade	Credits	ECTS	
Semester I					
2950001012009	Turkish Language I	Compulsory	62	2	2
2950001022009	Atatürk's Principles and Revolutions I	Compulsory	64	2	2
2950001032009	Foreign Language (English)- I	Compulsory	65	2	2
2950001052008	General Biology I (Botany)	Compulsory	61	4	6
2950001062008	General Biology Lab. I (Botany)	Compulsory	60	2	4
2950001072008	General Chemistry I	Compulsory	61	2	3
2950001082008	General Chemistry Lab.I	Compulsory	60	1	2
2950001092008	Biophysics	Compulsory	74	3	4
2950001102008	Biostatistics	Compulsory	60	2	3
2950001112008	Introduction to Computers 1	Compulsory	72	1	2
Semester II					
2950002012008	General Biology II (Zool.)	Compulsory	60	4	6
2950002022008	General Biology Lab. II (Zool.)	Compulsory	65	2	4
2950002032008	Introduction to Computers II	Compulsory	68	1	2
2950002042008	Basics of Systematics	Compulsory	60	2	2
2950002052008	General Chemistry II	Compulsory	60	2	2
2950002062008	General Chemistry Lab. II	Compulsory	60	1	2
2950002082009	Turkish Language and Literature	Compulsory	84	2	2
2950002092009	Foreign Language (Eng-Ger-Fre)	Compulsory	65	2	2
2950002172009	Atatürk's Principles and Revolutions	Compulsory	70	2	2
2950002182009	Mycology	Compulsory	60	2	3
2950002192009	Mycology Lab-	Compulsory	72	1	2
Semester III					
2950003012009	Cytology	Compulsory	60	3	4
2950003022009	Cytology Lab.	Compulsory	61	1	2
2950003032009	Systematics of Seedless Plants	Compulsory	81	3	5
2950003042009	Systematics of Seedless Plants Lab.	Compulsory	63	1	2
2950003052009	General Microbiology	Compulsory	63	3	3
2950003062009	General Microbiology Lab.	Compulsory	62	1	2
2950003072009	Invertebrate Animal Systematics	Compulsory	64	3	4
2950003082009	Invertebrate Animal Systematics Lab.	Compulsory	76	1	2
2950003092009	Organic Chemistry	Compulsory	63	3	4
2950003102009	Ecology-I (Plant)	Compulsory	65	2	2
Semester IV					
2950004012009	Systematics of Vertebrate Animals	Compulsory	60	4	5
2950004022009	Systematics of Vertebrate Animals Lab.	Compulsory	73	1	2
2950004032009	Entomology	Compulsory	60	2	3
2950004042009	Entomology Lab.	Compulsory	60	1	2
2950004052009	Animal Histology	Compulsory	81	3	4
2950004062009	Animal Histology Lab.	Compulsory	60	1	2
2950004072009	Plant Anatomy and Morph.	Compulsory	71	3	4
2950004082009	Plant Anat. and Morph. Lab.	Compulsory	69	1	2
2950004092009	Ecology-II (Animal)	Compulsory	66	2	2
2950004102009	professional English	Compulsory	60	2	2
Semester V					
2950005012010	Biochemistry-I	Compulsory	68	3	4
2950005022010	Genetic-I	Compulsory	69	3	4
2950005042010	Physiology-I (Plant)	Compulsory	60	3	4
2950005052010	Physiology Lab-I (Plant)	Compulsory	64	1	2
2950005122011	Genetic Application-I	Compulsory	61	1	2
2950005132011	Clinical Biochemistry-I	Compulsory	60	2	3
2950005142011	Clinical Biochemistry Lab.I	Compulsory	71	1	2
2950005152011	Microtechnology-I	Compulsory	82	2	3
2950005162011	Microtechnology Lab-I	Compulsory	60	1	1

Course Code and Name	Category (Compulsory/Elective)	Grade	Credits	ECTS	
2950005172011	Mushroom Systematics-I	Compulsory	64	2	3
2950005182011	Mushroom Systematics Lab-I	Compulsory	70	1	2
Semester VI					
2950006022010	Biochemistry-II	Compulsory	60	3	4
2950006042010	Genetic-II	Compulsory	60	3	4
2950006082010	Physiology-II (Animal)	Compulsory	60	3	4
2950006102010	Physiology-Lab-II (Animal)	Compulsory	60	1	2
2950006182011	Genetic Application-II	Compulsory	70	1	2
2950006202011	Plant Geography-II	Compulsory	77	3	3
2950006222011	Systematics of Vascular Plants-II	Compulsory	67	3	3
2950006242011	Systematics of Vascular Plants Lab-II	Compulsory	61	1	2
Semester VII					
FFBİY.401	Hydrobiology	Compulsory	87	3	4
FFBİY.403	Molecular Biology	Compulsory	73	3	4
FFBİY.421	Endocrinology	Elective	61	3	5
FFBİY.423	Industrial Microbiology	Elective	68	3	5
FFBİY431.	ethology	Elective	60	3	5,00
FFBİY433	Human Anatomy and Physiology	Elective	77	3	5
Semester VIII					
FFBİY-402	biotechnology	Compulsory	60	2	5
FFBİY-404	embryology	Compulsory	65	2	5
FFBİY-426	research project	Elective	85	3	5,00
FFBİY-432	mushroom cultivation culture	Elective	69	3	5,00
FFBİY-438	molecular biology techniques	Elective	66	3	5,00
FFBİY-442	microbial ecology	Elective	84	3	5,00
Total Credits : 155					
Total ECTS : 8 ECTS					
CGPA : 66.69					

4.4. Grading scheme and, if available, grade distribution guidance:

85-100	Excellent
70-84	Good
60-69	Satisfactory
0-59	Fail
Internship	Sufficient/Fail

Students must obtain from each course at least 60 and have completed all the courses including the other program requirements (staj, seminar, graduation project, etc.)

Other Grades:

S : Satisfactory Completion
U : Unsatisfactory
C: Compulsory
E : Elective

4.5. Overall classification of the qualification (in original language):

Genel Not Ortalaması **66,69 (Yeterli)**

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study

May apply to second cycle programmes

5.2. Professional status (if applicable):

The holder of this supplement may exercise the profession

6. ADDITIONAL INFORMATION

6.1. Additional information:

The holder is an honor/a high honor student in Semester I.
The holder participated in exchange programme of Erasmus
The holder completed an TUB TAK undergraduate projects
The holder graduated with a degree (First, second or third place)
(Ö renci hakkında Bilgi)

Department of Biology, Faculty of Science, Yüzüncü Yil University
http://bologna.yyu.edu.tr/birimpage.php?islem=mufredat&birim_id=6&altbirim_id=33

6.2. Further information sources:

The Council of Higher Education web site: www.yok.gov.tr
The Turkish ENIC-NARIC web site: www.enic-naric.net/members.asp?country=Turkey
