

7. CERTIFICATION

- 7.1. Date : 16.07.2013
- 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 : 2012/02178

Diploma Date : 01.07.2013



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.

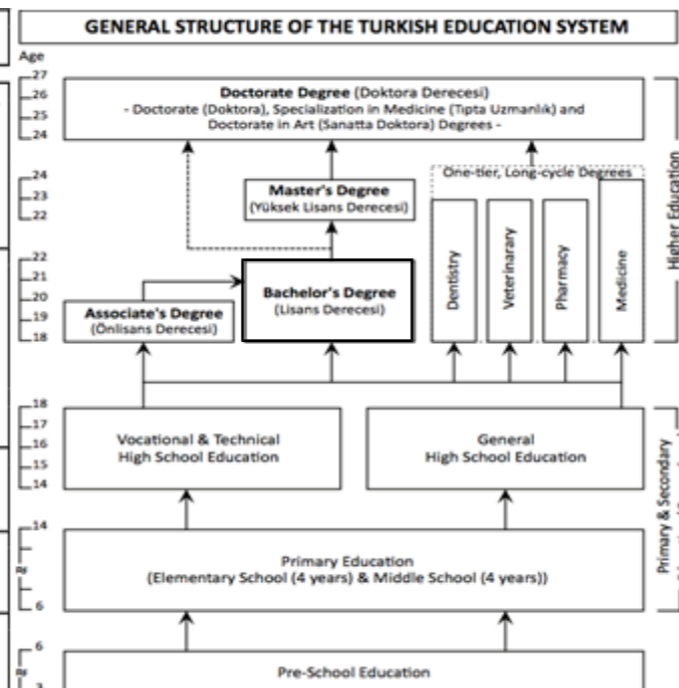
Universities consist of graduate schools (Institutes) offering second cycle (master's) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor's degree) programmes, four-year higher schools offering first cycle (bachelor's) degree programmes with a vocational emphasis 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 consists of 8 level national framework covering all levels of educations 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) : DÜLGER
- 1.2. Given name(s) : MERVE
- 1.3. Date of birth : 13.09.1989
- 1.4. Student identification number : 09020007024

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1. Name of qualification and (if applicable) title conferred (original language):
Kimya, Lisans
- 2.2. Main field(s) of study for the qualification:
Chemistry, Bachelor of Science
- 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 (Undergraduate 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					
2903001012001	General Chemistry I	Compulsory	86	5	6
2903001032001	Analysis I	Compulsory	85	5	6
2903001042001	Physic I	Compulsory	89	5	6
2903001052009	Turkish Language-I	Compulsory	82	2	2
2903001062009	Ataturk's Principles and History of Turkish Revolution-I	Compulsory	77	2	2
2903001072009	foreign language-I	Compulsory	65	2	2
2903001102005	Introduction to Computers-I	Compulsory	73	2	2
FFKİM-103	Mathematics for chemistry	Compulsory	68	3	4
Semester II					
2903002092001	General Chemistry II	Compulsory	81	5	6
2903002112001	physics-II	Compulsory	64	5	6
2903002122001	Analysis II	Compulsory	96	5	6
2903002142009	Ataturk's Principles and History of Turkish Revolution	Compulsory	71	2	2
2903002152009	foreign language	Compulsory	65	2	2
2903002162009	Turkish Language and Literature	Compulsory	66	2	2
2903002192006	Introduction to Computers-II	Compulsory	63	2	2
2903002802001	General Chemistry Laboratory	Compulsory	86	2	4
Semester III					
2903003822001	Inorganic Chemistry-I	Compulsory	68	5	8
2903003832003	Inorganic Chemistry Laboratory I	Compulsory	86	2	3
FFKİM207	Analytical Chemistry Laboratory	Compulsory	77	4	3
FFKİM-201	Analytical Chemistry I	Compulsory	79	3	8
FFKİM-203	Organic Chemistry-I	Compulsory	86	4	7
Semester IV					
2903004232001	analytical Chemistry-II	Compulsory	80	4	8
2903004242001	Analytical Chemistry Laboratory-II	Compulsory	60	4	3
2903004252001	Organic Chemistry II	Compulsory	100	4	8
2903004262001	Organic Chemistry Laboratory	Compulsory	82	4	3
2903004292001	Inorganic Chemistry-II	Compulsory	73	5	8
2903004302003	Inorganic Chemistry Laboratory II	Compulsory	85	2	3
Semester V					
2903005012011	Organic Reaction Mechanism	Compulsory	85	3	4
2903005042011	Basic Techniques In Biochemistry	Compulsory	65	3	4
2903005062011	Organic Chemistry Laboratory I	Compulsory	100	2	3
2903005282011	Physical Chemistry-I	Compulsory	65	4	8
2903005562001	Enstürmental Analysis I	Compulsory	70	3	5
FFKİM-303	Biochemistry I	Compulsory	100	4	7
Semester VI					
2903006012011	Physical Chemistry-II	Compulsory	85	4	8
2903006032011	Water and Technology-II	Compulsory	98	2	2
2903006042011	Colloid Chemistry	Compulsory	74	2	2
2903006422001	Enstürmental Analysis II	Compulsory	87	3	5
2903006442001	Bio-Chemical and Food Laboratory_11	Compulsory	95	2	2
FFKİM304	Biochemistry II	Compulsory	68	4	6
Semester VII					
FFKİM-401	Industrial Chemistry I	Compulsory	96	3	6
FFKİM-403	Physical Chemistry Laboratory	Compulsory	77	3	6
FFKİM-423	Polymer Chemistry	Elective	89	3	4
FFKİM-425	Environmental Chemistry	Elective	86	3	4
FFKİM-437	Separation Methods in Chemistry	Elective	88	3	4
FFKİM-443	Chemistry of Metals	Elective	77	3	4
Semester VIII					
FFKİM-404	Industrial Chemistry II	Compulsory	71	3	4
FFKİM-426	Atomic and	Elective	87	3	4

Course Code and Name	Category (Compulsory/Elective)	Grade	Credits	ECTS	
FFKİM-432	Physical Organic Chemistry	Elective	96	3	4
FFKİM-434	Coenzymes and Vitamins	Elective	98	3	4
FFKİM-446	Exercise Biochemistry	Elective	73	3	4
FFKİM-448	Inorganic Compound Groups	Elective	85	3	4
Total Credits : 164					
Total ECTS :					
CGPA : 81.40					

8 ECTS

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 **81,4 (yi)**

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)

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