

7. CERTIFICATION OF THE SUPPLEMENT

- 7.1. Date :
 7.2. Name and Signature : Hasan BOSTANCI
 7.3. Capacity : Deputy Head of the Department of Student Affairs
 7.4. Official stamp or seal :



ERZURUM TECHNICAL UNIVERSITY DIPLOMA SUPPLEMENT

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Diploma No :
 Date Issued :

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 non-compulsory 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.

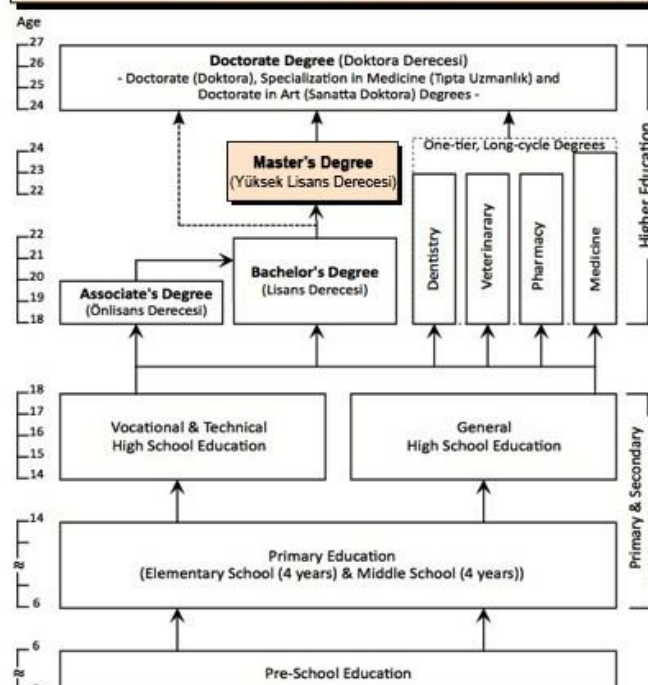
Admission of national students to short and first cycle degree programmes is centralized and based on a nationwide one/two-stage examination(s) conducted by an autonomous public body (Assessment, Selection and Placement Centre-ÖSYM). Candidates gain access to institutions of higher education based on 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 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)
QF-EHEA	EQF-LLL	TYYÇ LEVELS				
3	8	8	Doctorate Specialization in Medicine Doctorate in Art	3 (min.)	180 (min.)	4.500 – 5.400
2	7	7	Master's Degree	1-2	60 - 120	1.500 – 3.600
1	6	6	Bachelor's Degree	4	240	6.000 – 7.200
Short Cycle	5	5	Associate's Degree	2	120	3.000 – 3.600

GENERAL STRUCTURE OF THE TURKISH EDUCATION SYSTEM



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) :
 1.2. Given name(s) :
 1.3. Date of birth (day/month/year) :
 1.4. Student identification number :

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1. Name of the qualification :
 Matematik, Yüksek Lisans
 2.2. Main field(s) of study for the qualification :
 Mathematics
 2.3. Name and status of awarding institution :
 Erzurum Teknik Üniversitesi, Devlet Üniversitesi
 Erzurum Technical 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:
 Second Cycle (Master's Degree)
 3.2. Official Length of Programme:
 Normally 2 years, maximum 3 years, 2 semesters per year, 14 weeks per semester, 120 ECTS credits
 3.3. Access requirements(s):
 First Cycle Degree in same or in related disciplines
 Acceptable score on ALES (Graduation Education Entrance Examination) or equivalent GRE or GMAT
 Acceptable weighted score based on the cumulative grade point average gained in first cycle degree, ALES
 Score and the evaluation of related academic unit committee
 Admission is based on the evaluation of the department

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

- 4.1. Mode of study:
 Full Time
 4.2. Programme requirements:
 Second Cycle (Master's Degree) is awarded to students who have
 -successfully completed at least 8 different courses with minimum 24 credits and a seminary
 -obtained a total of 120 ECTS credits,
 -prepared a Master thesis and passed a Thesis Defence Examination

Objectives

Objectives of the programme are to train high qualified people who contributes, competes in the fields of mathematics, to have mathematicians who can think critical and solve encountered problems, to serve the technological development of the region and country by the way of expolaration and evolution of scientific research.

4.3 Components, courses, modules or units studied and individual grades obtained

Code	Course Title	Course Category	ECTS Credits	Grade
1 - 2 Güz				
FBE-500	Specialization Field Course	Required	6	B
FBE-501	Science and Ethics and Education	Required	6	AA
FBE-501	Science and Ethics and Education	Required	6	AA
MAT-504	Advanced Topology-I	Elective	6	AA
MAT-512	Fixed Point Theory I	Elective	6	AA
2 - 3 Bahar				
FBE-500	Specialization Field Course	Required	6	B
FBE-500	Specialization Field Course	Required	6	B
FBE-501	Science and Ethics and Education	Required	6	AA
MAT-551	Advanced Topology-II	Elective	6	AA
MAT-556	Fixed Point Theory-II	Elective	6	AA
3 - 4 Güz				
FBE-500	Specialization Field Course	Required	6	B
MAT-500		Required	18	B
MAT-501		Required	6	B
4 - 5 Bahar				
FBE-500	Specialization Field Course	Required	6	B
MAT-500		Required	24	B
			Total ECTS Credits :	120
			Cumulative GPA :	4

4.4 Grading scheme, grade translation and grade distribution guidance:

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

Grades in letters	Grades in numbers
AA	4.00
BA	3.50
BB	3.00
CB	2.50
R	
M	-

The grades (AA), (BA), (BB), (CB) are given to students who are successful in credit courses. The grade (B) indicates that student has successfully completed the non-credit course and thesis study. The grade (M) is given to the students who are exempt from that course.

4.5. Overall classification of the qualification :

Genel Not Ortalaması :	4.00
Cumulative Grade Point Average	4.00

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

Graduates may apply to third cycle programmes

5.2. Professional status conferred :

This degree enables the holder to exercise the profession.

6. ADDITIONAL INFORMATION

6.1. Additional information:

N/A

6.2. Further information sources:

University website: <http://www.erasmus.edu.tr/>

Online Course Catalogue: <http://servis.erasmus.edu.tr/bologna/en>

The Council of Higher Education of Turkey website: <http://www.yok.gov.tr/en>

The Turkish ENIC-NARIC website: <http://www.enic-naric.net/turkey.aspx>