

## 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.

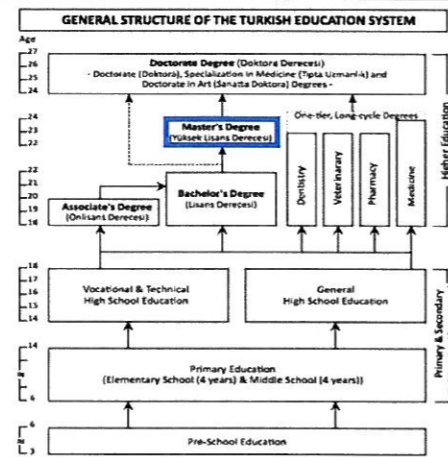
Universities consist of graduate schools (Institutes) offering second cycle (master's) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor's degree) programmes, four-year higher schools offering first cycle (bachelor's) degree programmes with a vocational emphasis 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 (TYYC):** The National Qualifications Framework for Higher Education in Turkey (TYYC) 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 TYYC with reference to the European overarching qualifications frameworks as well as that to ECTS cr

TYYC 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	TYYC 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



## BİLECİK ŞEYH EDEBALI UNIVERSITY DIPLOMA SUPPLEMENT

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www.bilecik.edu.tr

Diploma Number: XXXXX

Diploma Date : XXXXX

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 the 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)	XXXXX
1.2. Given name(s)	XXXXX
1.3. Date of birth (day/month/year)	XXXXX
1.4. Student identification number or code	XXXXX

### 2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. Name of the qualification	Bilgisayar Mühendisliği, Yüksek Lisans Derecesi
2.2. Main field(s) of study for qualification	Computer Engineering
2.3. Name and status of awarding institution	Bilecik Şeyh Edebali Üniversitesi - Devlet Üniversitesi Bilecik Şeyh Edebali University - State University
2.4. Name and status of institution administering studies	Same as 2.3
2.5. Language(s) of instruction/examination	Turkish

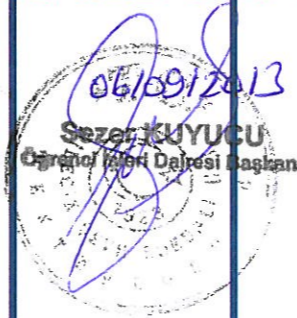
### 3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1. Level of qualification	Second Cycle (Master's Degree)
3.2. Official length of programme	Normally 2 years (90-120 ECTS Credits), 2 semesters per year, 16 weeks per semester
3.3. Access requirement(s)	Candidates who want to apply for post graduate programs, they must have a bachelor's degree and must have at least 55 points in ALES in the related point type of the program that they apply or must have equivalent scores of GRE or GMAT, which is one of the international exams, accepted by the related department of the University.

### 4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study	Full-time
4.2. Programme requirements	Goals & Objectives Aim of the program is to provide qualified personnel for the needs of Computer Engineering and Software Engineering fields as well as to train students who plan to have an academic career in universities. Program content has been constituted accordingly. The students fulfilling the graduation requirements are granted the degree of Master of Science in Computer Engineering. It has three inter-related targets. 1) Developing the theoretical foundations of computers as a scientific discipline, 2) Analysis of advanced mathematical model creation and processing in problem solving as an engineering discipline, 3) Using and developing modern software/hardware tools and methods in problem solving as a practical engineering discipline. Minimum graduation requirements The student must be successful in the compulsory lessons and elective lessons which have at least 90-120 AKTS and must be successful in thesis course and have at least 2.50 grade point average in order to graduate from the registered program. The learning outcomes - Graduates of the Computer Engineering Program have acquired knowledge in mathematics, science and engineering and have developed problem solving skills necessary for related professions and pursue professional and lifelong education. - Has ability to formulate engineering problems and design a system or component to meet desired needs.

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4.3. Program details and the Individual grades/marks/credits obtained:

Code	Course Name	Course Category	National Credit	Grade	ECTS Credit
<b>Semester</b>					
BM500	Master's Degree Study of Thesis	Compusory	30,0	B	30,0
BM507	Enterprise Information Security	Elective	3,0	AA	7,5
BM518	Advanced Computer Architectures	Elective	3,0	BA	7,5
BM531	Informatics Project Management	Elective	3,0	AA	7,5
BM590	Seminar	Compusory Elective	0,0	B	7,5
BM700	Specialization Courses	Compusory	30,0	B	30,0
EEM519	Image and Data Compression	Elective	3,0	BA	7,5
EEM529	Nonlinear Electronic Oscillator Design	Elective	3,0	AA	7,5
EEM530	Analog Circuit Design With The New Active Element	Elective	3,0	AA	7,5
EEM533	Artificial Intelligence And Optimization Applications	Elective	3,0	AA	7,5
National Total Credits:			<b>81,0</b>	Total Ects Credits:	<b>120,0</b>
Cumulative Grade Point Average(CGPA) : 3,86 out of 4,00					

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4. 4. Grading scheme and grade distribution guidance :

For each course taken, the student is given one of the following grades by the lecturer. The letter grades, grade points and percentage equivalents are given below:

Grades	Coefficient	Lower Limit	Upper Limit	The Average Impact	Definitions
AA	4	88,56	100,00	True	Successful
BA	3,5	76,90	88,55	True	Successful
BB	3	65,23	76,89	True	Successful
CB	2,5	59,16	65,22	True	Successful
CC	2	53,33	59,15	True	Successful
DC	1,5	41,66	53,32	True	Successful
DD	1	30,00	41,65	True	Successful
DZ	0			True	Non-attendance
FF	0	0,00	29,99	True	Unsuccessful
B	0	0,00	0,00	False	Successful
EK	0			False	Successful
İZ	0			False	Unsuccessful
K	0	0,00	0,00	False	Unsuccessful
MU	0	0,00	0,00	False	Successful
YT	0			False	Successful
YZ	0			False	Unsuccessful

**Courses Attendance:** Students must attend minimum % 70 of theoretical part of the lectures and if available % 80 of application, laboratories, workshops and studio works.

**Overall Classification:** Students who obtain a CGPA of 3.00-3.49 at the end of a semester are considered "Honor Students" and those who get a 3.50-4.00 "High Honor Students". However, any of these students during their education to be successful in all courses in a semester and must be received no disciplinary action. (For Short and First Cycle Programmes)

4.5. Overall classification of the Qualification :

**Genel Not Ortalaması: 3.86/4.00 (Yeterli)**

**Cumulative Grade Point Average: 3.86 out of 4.00 (Sufficient)**

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

5.1. Access to further study :

**May apply to Third Cycle (Doctorate Degree) programmes.**

5.2. Professional status conferred :

**This degree enables the graduate to exercise the profession**

**6. ADDITIONAL INFORMATION**

6.1. Additional information :

**N / A**

6.2. Further information sources :

**University Web Site**

<http://www.bilecik.edu.tr/>

**The Council of Higher Education Web Site**

<http://www.yok.gov.tr>

**The Turkish ENIC-NARIC Web Site**

<http://www.enic-naric.net/index.aspx?c=Turkey>

**7. CERTIFICATION OF THE SUPPLEMENT**

7.1. Date

7.2. Name and Signature

7.3. Capacity

7.4. Official stamp or seal

