



BINGOL UNIVERSITY
Diploma Supplement

Diploma No:
Diploma Date:

Bingöl Üniversitesi, Düzağaç Mevkii Bingöl/Turkey
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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 or code (if available):

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. Name of the qualification and (if applicable) title conferred (in original language):

2.2. Main field(s) of study for qualification:

2.3. Name and status of awarding institution:

2.4. Name and status of institution (if different from 2.3) administering studies (in original language):

2.5. Language(s) of instruction/examination:

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1. Level of qualification:

3.2. Official length of the programme:

3.3. Access requirement(s):

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study:

4.2. Programme requirements:

4.3. Programme details (e.g., modules or units studied), and the individual grades/marks/credits obtained (if this information is available on an official transcript this should be used here):

Code	Course Name	Course Category	National Credits	Grade	ECTS
First Semester					
FIZ	111	Mechanics	Compulsory	5	7
FIZ	113	Physics Laboratory I (Mechanics)	Compulsory	1	3
KIM	101	Chemistry-I	Compulsory	3	4
MAT	101	Analysis I	Compulsory	4	5
MAT	103	Linear Algebra	Compulsory	2	3
AIT	101	Ataturk's Principles and History of Revolution I	Compulsory	2	2
TRD	101	Turkish Language I	Compulsory	2	2
YDI	101	Foreign Language I (English)	Compulsory	4	4
Second Semester					
FIZ	112	Electricity and Magnetism	Compulsory	5	7
FIZ	114	Physics Laboratory II (Electricity and Magnetism)	Compulsory	1	4
KIM	102	Chemistry II	Compulsory	3	5
MAT	102	Analysis II	Compulsory	4	6
AIT	102	Ataturk's Principles and History of Revolution II	Compulsory	2	2
TRD	102	Turkish Language II	Compulsory	2	2
YDI	102	Foreign Language II (English)	Compulsory	4	4
Third Semester					
ENF	201	Utilization of Basic Computer Technologies I	Compulsory	2	2
FIZ	211	Optics	Compulsory	3	5
FIZ	213	Physics Laboratory III (Electronic)	Compulsory	1	3
FIZ	215	Electronic I	Compulsory	4	6
FIZ	217	Mathematical Methods in Physics-I	Compulsory	4	6
List of Elective Third Semester (At least 8 ECTS credits of elective courses have to be chosen from the lesson group listed below)					
FIZ	221	Renewable Energy Sources	Elective	3	4
FIZ	227	New Development of Physics	Elective	3	4
Fourth Semester					
ENF	202	Utilization of Basic Computer Technologies II	Compulsory	2	2
FIZ	212	Vibration and Waves I	Compulsory	4	5
FIZ	214	Physics Laboratory IV (Waves and optics)	Compulsory	1	3
FIZ	216	Electronic II	Compulsory	4	6
FIZ	218	Mathematical Methods in Physics-II	Compulsory	4	6
List of Elective Fourth Semester (At least 8 ECTS credits of elective courses have to be chosen from the lesson group listed below)					
FIZ	222	Classical Mechanics	Elective	3	4
FIZ	226	Solar Energy	Elective	3	4
Fifth Semester					
FIZ	311	Solid State Physics I	Compulsory	4	7
FIZ	313	Physics Laboratory V (Modern Physics)	Compulsory	1	4
FIZ	315	Modern Physics	Compulsory	4	7
FIZ	317	Professional Language I (English)	Compulsory	2	4
List of Elective Fifth Semester (At least 8 ECTS credits of elective courses have to be chosen from the lesson group listed below)					
FIZ	323	Biomedical Physics	Elective	3	4
FIZ	327	Superconductivity	Elective	3	4
Sixth Semester					
FIZ	312	Atomic and Molecular Physics	Compulsory	4	7
FIZ	314	Electr magnetic Theory	Compulsory	4	7
FIZ	318	Professional Language II (English)	Compulsory	2	4
List of Elective Sixth Semester (At least 12 ECTS credits of elective courses have to be chosen from the lesson group listed below)					
FIZ	322	Fluids Mechanics	Elective	3	4
FIZ	324	Radiation and Health Physics	Elective	3	4
FIZ	326	Introduction to Spectroscopy	Elective	3	4
Seventh Semester					
FIZ	401	Seminar	Compulsory	1	3
FIZ	411	Quantum Physics I	Compulsory	5	6
FIZ	413	Nuclear Physics I	Compulsory	4	5
FIZ	417	Professional Language III (English)	Compulsory	2	4
List of Elective Seventh Semester (At least 12 ECTS credits of elective courses have to be chosen from the lesson group listed below)					
FIZ	429	Protection Methods from Radiation	Elective	3	4
FIZ	431	Physics of Metal Semiconductor Structure I	Elective	3	4
FIZ	433	Nuclear Physics Measurement Techniques	Elective	3	4
Eighth Semester					
FIZ	402	Graduation Project	Compulsory	1	3
FIZ	412	Solid State Physics II	Compulsory	5	6
FIZ	414	Nuclear Physics II	Compulsory	4	6
FIZ	418	Professional Language IV (English)	Compulsory	2	3
List of Elective Eighth Semester (At least 12 ECTS credits of elective courses have to be chosen from the lesson group listed below)					
FIZ	424	Elementary Particle Physics	Elective	3	4
FIZ	426	Problem Solving Techniques in Physics	Elective	3	4
FIZ	432	Physics of Metal Semiconductor Structure II	Elective	3	4
			Total National Credits	163	Total ECTS Credits
					240
Genel Not Ortalaması (Cumulative Grade Point Average CGPA) :					

4.4. Grading Scheme and grade distribution guidance:

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

90-100	AA	Achievement
85-89	BA	Achievement
75-84	BB	Achievement
70-74	CB	Achievement
60-69	CC	Achievement
00-59	FF	Fail
----	MU	Exempt

Yüksek Onur (High Honour): 90 - 100,
Onur (Honour): 80 - 89,
Sınıflandırma Yok (Not Applicable): 60 - 79

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

Genel Not Ortalaması (Cumulative Grade Point
Average CGPA) :

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

May apply to second and third cycle programmes

5.2. Professional status (if applicable):

This degree enables the holder to exercise the
profession.

6. ADDITIONAL INFORMATION

6.1. Additional information:

Department Web site:
[http://www.bingol.edu.tr/v1/programlar.asp?
program_id=16&bolum_id=6](http://www.bingol.edu.tr/v1/programlar.asp?program_id=16&bolum_id=6)

6.2. Further information sources:

University web site: www.bingol.edu.tr
The Council of Higher Education web site: www.yok.gov.tr
The Turkish ENIC-NARIC web site:
<http://www.enic-naric.net/index.aspx?c=Turkey>
Online Course Catalogue:
[http://www.bingol.edu.tr/v1/ebs/ebs_bolum_default.asp?
tip_id=2&akademik_id=6&bolum_id=16](http://www.bingol.edu.tr/v1/ebs/ebs_bolum_default.asp?tip_id=2&akademik_id=6&bolum_id=16)

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date:

7.2. Name and Signature:

7.3. Capacity:

Head of Student Affairs

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.

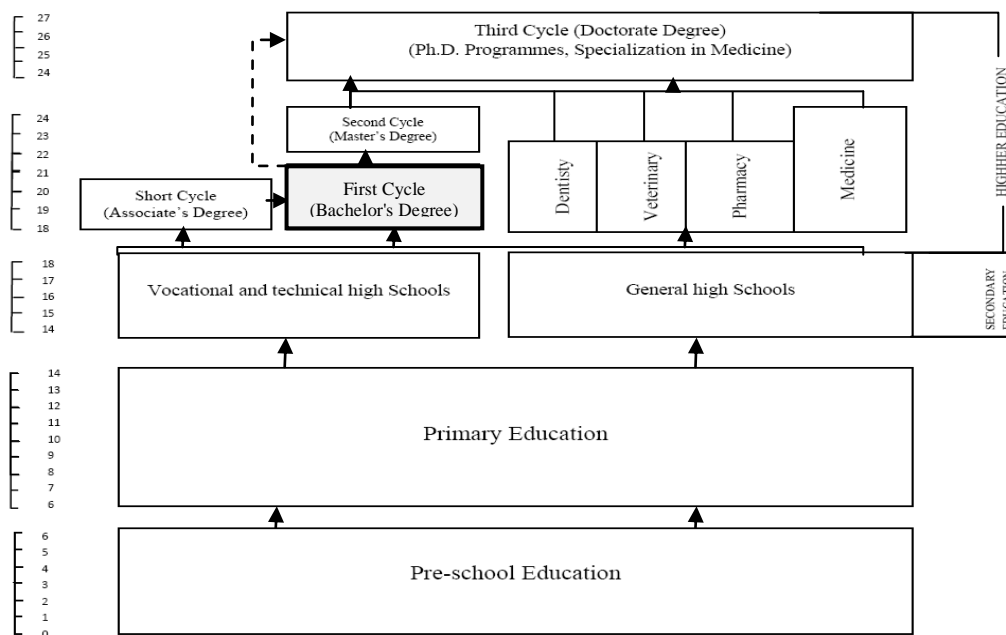
The Higher Education Law No. 2547 is the main law, which governs the higher education in Turkey. All universities (both state and non-profit foundation) are subject to the same law and regulations/rules. All state and non-profit foundation universities are founded by Law. The Higher Education System 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 and Placement Examinations (YGS and LYS). The examinations are held once a year and are administered by the Assessment Selection and Placement Centre (ÖSYM), which is affiliated to the Council of Higher Education. Candidates gain access to institutions of higher education based on their composite scores consisting of the scores on the selection examinations 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



NB: Since 2003, the bachelor Degree holders, whose performance at Bachelor’s Level is exceptionally high, can enlist directly to the Doctoral Degree Programs.