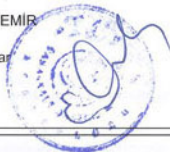


## 7. CERTIFICATION OF THE SUPPLEMENT

- 7.1. Date : 27/06/2011
- 7.2. Name and Signature : Erdal DEMİR
- 7.3. Capacity : Registrar
- 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.

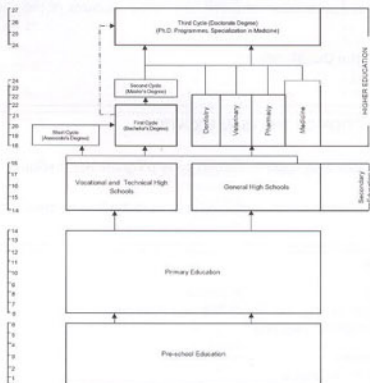
Admission to higher education is based on a nation-wide Student Selection Examination (ÖSS). The examination is held once a year and is administered by the Assessment Selection and Placement Center (ÖSYM). Candidates gain access to institutions of higher education based on their composite scores consisting of the scores on the selection examination and their high school grade point averages.

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<sup>a</sup>, 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.

<sup>a</sup> 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's degree holders whose performance at Bachelor's level is exceptionally high can enroll directly to the Doctoral level programmes.



## ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ Diploma Supplement

Diploma No :   
Diploma Date : 27.06.2011

Çanakkale Onsekiz Mart University  
17020 Çanakkale, Turkey  
Tel: +90 286 218 00 18 Fax: +90 286 218 05 15  
[www.comu.edu.tr](http://www.comu.edu.tr)

*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 and title conferred :  
Kimya,Lisans
- 2.2. Main field(s) of study for the qualification :  
Chemistry
- 2.3. Name and status of awarding institution :  
Çanakkale Onsekiz Mart Üniversitesi, Devlet Üniversitesi  
Çanakkale Onsekiz Mart 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 :  
First Cycle (Bachelor's Degree)
- 3.2. Official length of programme :  
4 years, 2 semesters per year, 16 weeks per semester
- 3.3. Access requirement(s) :  
High School Diploma  
Placement through a centralised national university placement examination

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

##### 4.1. Mode of study:

Full time

##### 4.2. Programme requirements:

The Bachelor's Degree is awarded to all students who have successfully completed all courses in the programme and have obtained a cumulative grade point average of at least 2.00/4.00

##### Objectives:

The main objectives of the Department of Chemistry at undergraduate level are to graduate students who have high standards of theoretical and experimental knowledge in chemistry and to conduct world class research for the benefit of the nation and world community.

##### 4.3 Programme details and the individual grades/marks/credits obtained:

Course Code and Name	Category (Required/Elective)	COMU Credits	COMU Grade	ECTS Credits
<b>Semester I</b>				
101 General Chemistry I	Required	5.0	CB	8.0
111 General Mathematics I	Required	5.0	CC	7.0
113 General Physics I	Required	5.0	DC	7.0
161 Principles of Atatürk and History of Mod	Required	0.0	YE	1.0
163 Turkish Language I	Required	0.0	YE	1.0
165 Foreign Language : English I	Required	3.0	BB	2.0
175 Music I	Elective	0.0	YE	1.0
179 Basic IT Skills I	Required	0.0	YE	3.0
<b>Semester II</b>				
102 General Chemistry II	Required	5.0	BB	8.0
106 General Chemistry Lab.	Required	2.0	CB	3.0
112 General Mathematics II	Required	5.0	CB	7.0
114 General Physics II	Required	5.0	CB	7.0
162 Principles of Atatürk and History of Mod	Required	0.0	YE	1.0
164 Turkish Language II	Required	0.0	YE	1.0
166 Foreign Language : English II	Required	3.0	BB	2.0
176 Music II	Elective	0.0	YE	1.0
<b>Semester III</b>				
203 Organic Chemistry I	Required	5.0	CC	9.0
207 Analytical Chem. Lab. I	Required	3.0	CC	5.0
209 English for Chemists I	Required	2.0	CB	4.0
215 Analytical Chemistry I	Required	4.0	BB	6.0
217 Inorganic Chemistry I	Required	4.0	CC	6.0
239 Earthquake Awareness	Elective	2.0	AA	0.0
<b>Semester IV</b>				
208 Analytical Chem. Lab. II	Required	3.0	CB	5.0
210 English for Chemists II	Required	2.0	BB	4.0
216 Analytical Chemistry II	Required	4.0	BB	6.0
218 Inorganic Chemistry II	Required	4.0	DD	6.0
220 Organic Chemistry II	Required	4.0	CC	9.0
288 Table Tennis	Elective	0.0	YE	0.0
<b>Semester V</b>				
301 Physical Chemistry I	Required	5.0	DC	7.0
305 Biochemistry I	Required	3.0	CC	5.0
307 Inorganic Chem. Lab.	Required	2.0	BB	4.0
311 Organic Chem. Lab.	Required	4.0	CB	5.0
313 Instrumental Analysis	Required	5.0	CC	6.0
317 Literature Search	Required	2.0	CC	3.0
<b>Semester VI</b>				
302 Physical Chemistry II	Required	5.0	CB	7.0
304 Industrial Chemistry	Required	4.0	DC	5.0
306 Biochemistry II	Required	3.0	CB	5.0
308 Physical Chem. Lab.	Required	3.0	CB	5.0
312 Biochemistry Lab.	Required	2.0	CB	4.0
318 Organic Analysis	Required	3.0	DD	4.0
<b>Semester VII</b>				
401 Quantum Chemistry	Required	2.0	CC	6.0
403 Organic Reaction Mech. I	Required	2.0	CC	6.0
405 Structural Inorganic Chem	Required	2.0	BB	6.0
429 Drug Analysis	Elective	2.0	BA	6.0
433 Metals Chemistry	Elective	2.0	AA	6.0
<b>Semester VIII</b>				
402 Food Chemistry	Required	2.0	DC	9.0
404 Electroanalytical Methods	Required	2.0	BB	9.0
428 Analytical Separation Methods	Elective	2.0	AA	6.0
434 Nonmetals Chemistry	Elective	2.0	BA	6.0

Total Credits : 134  
Total ECTS : 240  
CGPA : 2.38

##### 4.4 . Grading scheme and grading distribution guidance :

COMU Grades	Credits	Scores	Definitions
AA	4,0	90-100	Excellent
BA	3,5	85-89	Very Good
BB	3,0	80-84	Good
CB	2,5	70-79	Satisfactory
CC	2,0	60-69	Satisfactory
DC	1,5	55-59	Sufficient
DD	1,0	50-54	Sufficient
FD	0,5	40-49	Fail
FF	0,0	0-39	Fail

YE: Satisfactory YS: Unsatisfactory DS: Fail (Minimum attendance requirement not fulfilled)

**Successful Grades:** AA, BA, BB, CB, CC, DC, DD, YE

**Unsuccessful Grades:** FD, FF, YS, DS

In order for a student to graduate from the program s/he follows, s/he has to pass all the courses, succeed in all the compulsory apprenticeship trainings if there are any and attain sufficient grade in non-credit courses. These students are accepted as SUCCESSFUL students. The GPA of a student is his/her graduation grade point average at the same time.

The first, second and third ranking students in each program/department at which they are registered in accordance with their Grade Point Average (GPA) are accepted as HONOR students on condition that they took all the courses in one academic year, met the requirement of school attendance, passed all the courses with CC at the least, and received no disciplinary punishment. These students are awarded with Certificate of Achievement by the related Dean's Office/Directorate at the end of the academic year.

Students who complete their education at the school they are registered with the first rank in accordance with their GPA are accepted as HIGH HONOR students of the faculty/school/vocational school on condition that they took all the courses within the normal study period, met the requirement of school attendance, passed all the courses with CC at the least, and received no disciplinary punishment. These students are awarded by the Rectorate with Certificate of Appreciation as being high honor students of their faculty/school/vocational school.

##### 4.5. Overall Classification of the Qualification : BAŞARILI (SUCCESSFUL)

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

##### 5.1. Access to further study

The Bachelor's Degree holder may apply to second cycle programmes in related fields.

##### 5.2. Professional status

This degree enables the holder to exercise the professions in the field of 'chemistry'.

#### 6. ADDITIONAL INFORMATION

##### 6.1. Additional information :

Çanakkale Onsekiz Mart University, Faculty of Arts and Sciences  
<http://fef.comu.edu.tr/bolum/kim/index.php>

##### 6.2. Further information sources :

University Web Site: [www.comu.edu.tr](http://www.comu.edu.tr)  
Council of Higher Education Web Site: [www.yok.gov.tr](http://www.yok.gov.tr)  
Turkish ENIC-NARIC Web Site: [www.enic-naric.net/members.asp?country=Turkey](http://www.enic-naric.net/members.asp?country=Turkey)