



Celal Bayar Üniversitesi Diploma Supplement

Celal Bayar Üniversitesi , 45040 Manisa, Turkey
Phone: +90 236 237-2774 Fax: +90 236 237-2442
www.bayar.edu.tr

Diploma No :
Diploma Date :

The Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of 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-judgments, 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. Place and date of birth :
- 1.4. Student identification number :

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1. Name of the qualification:
Food Engineering, PhD
- 2.2. Main field(s) of study for qualification:
Food Engineering
- 2.3. Name and status of awarding institution:
Celal Bayar University : **State University**
Celal Bayar Üniversitesi : **Devlet Üniversitesi**
- 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.

Third Cycle (Doctorate Degree)

3.2. Official length of program:

4 years , 2 semesters per year 16 weeks per semester

3.3. Access requirement(s):

Acceptable score on a recognized graduate exam,

First Cycle (Bachelor's Degree) or Second Cycle (Master's Degree)

Certificate of English Proficiency (TOEFL score of 500 or equivalent)

4. INFORMATION ON THE CONTENTS AND RESULT GAINED

4.1. Mode of study:

Full-time

4.2. Program requirements:

Requirements

The Doctoral Degree is awarded to students who successfully complete the required number of courses specified by the Department within at most four consecutive semesters, maintain a minimum CGPA of 75/100, pass a Doctoral Qualifying Examination, prepare a thesis and have the Dissertation Defense no later than the 12th semester (including additional semesters) after beginning the program.

Objectives

• **To train students, who will play an active role in the processing, storage, product development of food using fundamental engineering background.**

4.3. Program details and the individual grade/marks/credits obtained:

Code	Course Name	ECTS Credits	Course Category	National Credits
Semester 1				
GMÜ 601	TESTING, DESIGNING AND EVALUATION	7	Required	3
GMÜ 603	TECHNOLOGY OF PICKLE, TABLE OLIVE AND CAPER BRINE	7	Elective	3
GMÜ 605	SPECIFIC PROCESSES IN FRUIT AND VEGETABLE PRODUCTS	7	Elective	3
GMÜ 607	TRACE ELEMENT ANALYSIS IN FOODS	7	Elective	3
GMÜ 609	TECHNOLOGIES OF MEAT PRODUCTS PROCESSING	7	Elective	3
GMÜ 611	REFRIGERATION AND FREEZING OF FOODS	7	Elective	3
GMÜ 613	CEREAL MILLING SYSTEMS	7	Elective	3
GMÜ 615	SPECTROSCOPIC METHODS IN FOOD ANALYSIS	7	Elective	3
GMÜ 617	MOLDS IN FOOD INDUSTRY	7	Elective	3
GMÜ 659	SEMINAR	11	Required	0
GMÜ 661	THESIS (DOCTOR OF PHILOSOPHY)	40	Required	0

Code	Course Name	ECTS Credits	Course Category	National Credits
Semester 2				
GMÜ 602	ENZYMATIC METHODS IN FOOD QUALITY CONTROL	7	Elective	3
GMÜ 604	STARTER CULTURES USED IN MILK INDUSTRY	7	Elective	3
GMÜ 606	ADVANCED FOOD CHEMISTRY	7	Elective	3
GMÜ 608	MEAT SCIENCES	7	Elective	3
GMÜ 610	PRODUCTION TECHNOLOGY OF BAKERY PRODUCTS	7	Elective	3
GMÜ 612	MICROBIOLOGY OF SPECIFIC FOODS	7	Elective	3
GMÜ 614	NEW TECHNIQUES IN DETERMINATION AND IMPROVEMENT OF MEAT QUALITY	7	Elective	3
GMÜ 660	SEMINAR	11	Required	0
GMÜ 662	THESIS (DOCTOR OF PHILOSOPHY)	40	Required	0

Total ECTS Credits: **XXX** Total National Credits: **XX**
CGPA :

Thesis Subject:

4.4. Grading scheme and grades:

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

PERCENTAGE	COURSE GRADE	GRADE POINTS
86-100	A	4.00
75-85	B	3.00
69 and below	F	0.00

Other Grades: I : Incomplete, S: Satisfactory Completion, P: Satisfactory Progress, U: Unsatisfactory, EX: Exempt, NI: Not Included, W: Withdrawn, NA: Not Attended.

A grade of (I) is given to a student who provides supporting evidence through genuine and valid documentation of illness or other reason which has prevented her/him from completing the necessary course work. In such a case, within 15 days from the day of submitting the grades to the Registrar's Office, the student must complete the missing work and obtain a grade. Otherwise, the (I) grade will automatically become an (F).

The grade (S) is given to the students who are successful in non-credit courses, and (U) to those who are unsuccessful in such courses, (S) can also be given to courses accepted as equivalents in transfers from other universities.

The grade (P) is given to students who are successful in taking non-credit courses.

The grade (EX) is given to students who are found successful in the examination for exemption conducted by the department concerned for courses determined by the University Senate. The (EX) grade is not included in computing the grade point average (GPA) but is shown on the transcript.

The grade (NI) is given if courses within the program or programs in which a student is registered are taken on the “condition that they are not included in the Cumulative Grade Point Average (CGPA)”.

The grade (NA) is given if a student does not fulfill the attendance and/or application requirements of the course. The grade (NA) is included in the CGPA as (F).

The grade (W) is given if a student withdraws from a course after the add/drop period within the first 10 weeks after the semester starts, with the recommendation of her/his advisor and the permission of the instructor concerned.

Grade Point Averages: The student’s standing is calculated in the form of a GPA and CGPA, and announced at the end of each semester by the Registrar’s Office. The total credit points for a course are obtained by multiplying the grade point of the final grade by the credit hours. In order to obtain the GPA for any given semester, the total credit points earned in that semester are divided by the total credit hours. The CGPA is calculated by taking into account all the courses taken by a student from the beginning of entrance to the University which are recognized as valid by the Department in which she/he is registered.

4.5. Overall classification of the qualification

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

May apply to post-doctorate programs.

5.2. Professional status conferred:

This degree enables the holder to exercise the profession.

6. ADDITIONAL INFORMATION

6.1. Additional information:

Graduate School of Natural and Applied Sciences web site: <http://www.bayar.edu.tr/~fen>

6. 2. Further information sources:

- University web site: www.bayar.edu.tr
- The Council of Higher Education web site: www.yok.gov.tr

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date:

7.2. Signature:

7.3. Capacity: Dean

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 duration of at least two years. The system consists of universities (state and foundation) and non-university institutions of higher education (police and military academies and colleges). Each university consists of faculties and four-year schools offering Bachelor's level programmes, the latter with a vocational emphasis, and two-year vocational higher schools offering short cycle (Associate's) level programmes of a strictly vocational nature.

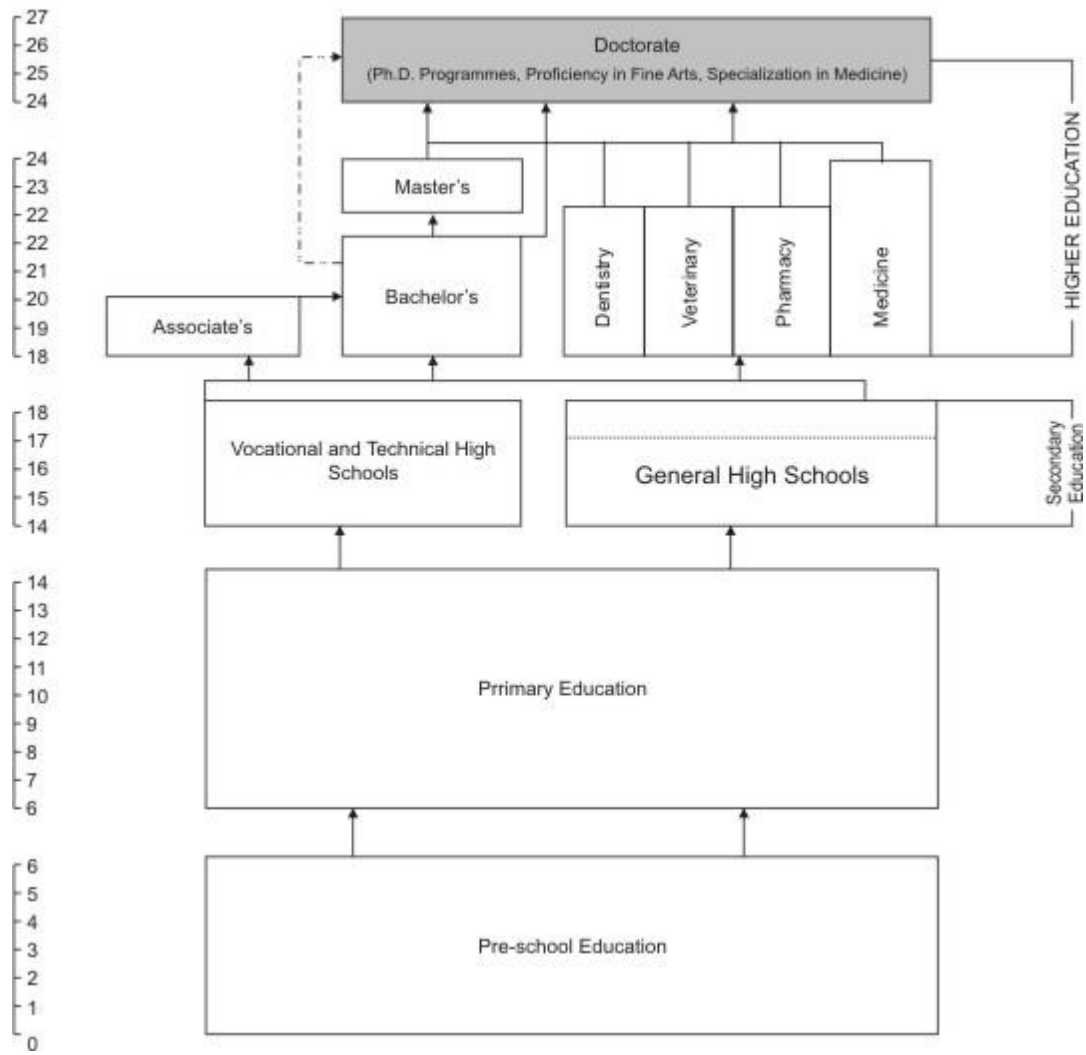
The Higher Education Law No. 2547 is the main law, which governs the higher education in Turkey. All universities (both state and foundation) are subject the same law and regulations/rules. All state and foundation universities are founded by Law.

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 Student 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 Master's Degree (Yüksek Lisans Diploması) and the Doctoral Degree (Doktora Diploması). There are two types of Master's programmes: with and without a thesis. The Master's programmes with a thesis consist of a minimum of seven courses, one seminar course, and thesis. The duration of the Master's programmes with a thesis is two years. Non-thesis Master's programmes consist of a minimum of 10 courses and a semester project. The duration of the non-thesis Master's programmes is one and half years. Doctoral programmes have a duration of four years which consists of completion of courses, passing a doctoral qualifying examination, and preparing and defending a doctoral dissertation. Medical specialization programs are equivalent to doctoral level programmes and carried out within the faculties of medical schools with hospitals.

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.

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 enlist directly to the Doctoral level programmes.