

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.

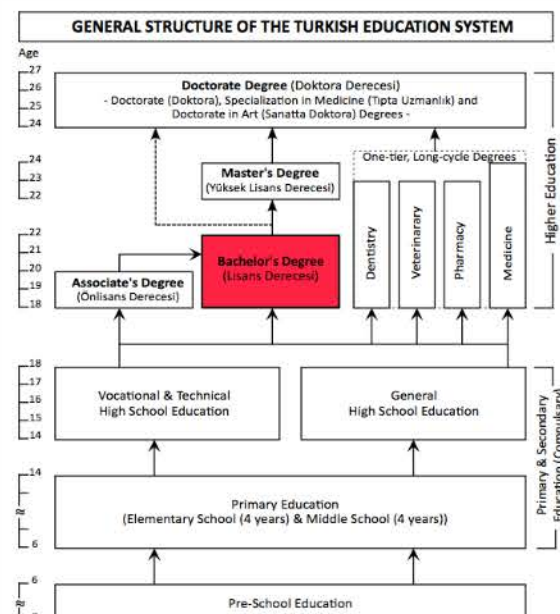
Universities consist of graduate schools (Institutes) offering second cycle (master's) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor's degree) programmes, four-year higher schools offering first cycle (bachelor's) degree programmes with a vocational emphasis 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 (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 consists of 8 level national framework covering all levels of educations on completion of the on going 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 |



BARTIN UNIVERSITY DIPLOMA SUPPLEMENT



Diploma Date:

05.07.2017

Diploma No:

10245

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.

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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

İlköğretim Matematik Öğretmenliği,
Lisans

2.2. Main field (s) of study for qualification

Elementary Mathematics Teacher
Education

2.3. Name and status of awarding institution

Bartın Üniversitesi, Devlet Üniversitesi
Bartın 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 QUALIFICATION

3.1. Level of qualification

First Cycle(Bachelor's Degree)

3.3. Access requirement(s)

— High School Diploma
— Placement through a nation-wide Undergraduate Placement Examination(LYS)

3.2. Official length of the programme

4 years, 2 semesters per year, 14 weeks per semester, excluding exam period

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study

Full-Time

4.2. Programme requirements

Students who successfully complete all compulsory courses specified in the course plan and the minimum number of elective courses required; complete 240 ECTS credits and have a minimum CGPA of 2.00/ 4.00 will graduate.

Objectives:

To train teachers who are

- Human-centered, prioritizing to the respect and love for people and contributing to human development,
- Improved in terms of mental aspects, able to use the highest level of mental skills,
- Scientifically productive, contributing to the advancement of society,
- Open to the new ideas, following them and leading position in producing new ideas in all areas,
- Working collaboratively, fulfilling the given duties and responsibilities properly,
- Taking social responsibility, convey national values to universal dimensions by developing them.

4.3. Programme details: (e.g. modules or units studied), and the individual grades/marks/credits obtained:

| Code | Course Name | Course Category | National Credit | Grade | ECTS Credit |
|-------------------|---|-----------------|-----------------|-------|-------------|
| Semester 1 | | | | | |
| EGK101 | Turkish I : Written Expression | Compulsory | 2.00 | CC | 2.00 |
| EGK103 | Ataturk's Principles And History Of Revolution I | Compulsory | 2.00 | CB | 2.00 |
| EGK105 | Foreign Language I | Compulsory | 3.00 | DD | 3.00 |
| EGK107 | Computer I | Compulsory | 5.00 | BB | 5.00 |
| EMB101 | Introduction To Educational Science | Compulsory | 4.00 | CB | 4.00 |
| IMO101 | General Mathematics | Compulsory | 14.00 | DC | 14.00 |
| Semester 2 | | | | | |
| EGK102 | Turkish II: Oral Expression | Compulsory | 2.00 | BB | 2.00 |
| EGK104 | Ataturk's Principles And History Of Turkish Revolution II | Compulsory | 2.00 | BB | 2.00 |
| EGK106 | Foreign Language II | Compulsory | 3.00 | BA | 3.00 |
| EGK108 | Computer II | Compulsory | 5.00 | BB | 5.00 |
| EMB102 | Psychology Of Education | Compulsory | 4.00 | BB | 4.00 |
| IMO102 | Abstract Mathematics | Compulsory | 7.00 | DD | 7.00 |
| IMO104 | Geometry | Compulsory | 7.00 | AA | 7.00 |
| Semester 3 | | | | | |
| ESA215 | Investigation of Mathematics Curriculum | Elective | 4.00 | DC | 4.00 |
| EGK205 | Scientific Research Methods | Compulsory | 3.00 | DD | 3.00 |
| EMB203 | Principles And Methods In Teaching | Compulsory | 4.00 | DC | 4.00 |
| IMO201 | Calculus I | Compulsory | 7.00 | DC | 7.00 |
| IMO205 | Physics I | Compulsory | 6.00 | CC | 6.00 |
| IMO207 | Linear Algebra I | Compulsory | 6.00 | BA | 6.00 |
| Semester 4 | | | | | |
| ESG214 | Web Based Mathematics Instruction | Elective | 4.00 | BB | 4.00 |
| ESG218 | Chess Teaching | Elective | 4.00 | AA | 4.00 |
| EMB204 | Instructional Technologies And Material Design | Compulsory | 4.00 | BA | 4.00 |
| IMO206 | Physics II | Compulsory | 6.00 | DD | 6.00 |
| IMO208 | Calculus II | Compulsory | 6.00 | DC | 6.00 |
| IMO210 | Linear Algebra II | Compulsory | 6.00 | CC | 6.00 |
| Semester 5 | | | | | |
| ESM309 | Basic Musics Education | Elective | 4.00 | BB | 4.00 |
| EGK309 | History of Science | Compulsory | 3.00 | CB | 3.00 |
| EMB307 | Private Teaching Methods I | Compulsory | 5.00 | DD | 5.00 |
| IMO301 | Calculus III | Compulsory | 6.00 | DC | 6.00 |
| IMO303 | Analytic Geometry I | Compulsory | 4.00 | BB | 4.00 |
| IMO305 | Probability and Statistics I | Compulsory | 4.00 | CC | 4.00 |
| IMO307 | Introduction to Algebra | Compulsory | 4.00 | BA | 4.00 |
| Semester 6 | | | | | |
| EGK302 | Community Services Activities | Compulsory | 5.00 | AA | 5.00 |
| EGK306 | Turkish Education History | Compulsory | 3.00 | BA | 3.00 |
| EMB302 | Measurement and Evaluation | Compulsory | 4.00 | BB | 4.00 |
| IMO302 | Differential Equations | Compulsory | 5.00 | CC | 5.00 |
| IMO304 | Analytic Geometry II | Compulsory | 4.00 | CC | 4.00 |
| IMO306 | Probability and Statistics II | Compulsory | 4.00 | CC | 4.00 |
| IMO308 | Private Teaching Methods I | Compulsory | 5.00 | BB | 5.00 |
| Semester 7 | | | | | |
| ESA405 | Investigation of Mathematical Concepts | Elective | 4.00 | AA | 4.00 |
| EGK405 | History of Mathematics | Compulsory | 4.00 | AA | 4.00 |
| EMB401 | Classroom Management | Compulsory | 4.00 | BB | 4.00 |
| EMB403 | School Experience | Compulsory | 6.00 | AA | 6.00 |
| EMB405 | Special Education | Compulsory | 4.00 | AA | 4.00 |
| EMB407 | Guidance | Compulsory | 4.00 | BA | 4.00 |
| IMO401 | Elementary Number Theory | Compulsory | 4.00 | CB | 4.00 |
| Semester 8 | | | | | |
| ESG426 | Misconceptions in Elementary Mathematics Education | Elective | 4.00 | BA | 4.00 |
| ESA432 | Learning Styles | Elective | 4.00 | CB | 4.00 |
| ESM416 | Teaching Geometry | Elective | 4.00 | BA | 4.00 |
| EMB402 | Turkish Education System and School Management | Compulsory | 4.00 | BB | 4.00 |
| EMB406 | Teaching Practice | Compulsory | 8.00 | AA | 8.00 |
| IMO402 | Philosophy of Mathematics | Compulsory | 6.00 | AA | 6.00 |

National Total Credits: 240.00

Total ECTS Credits: 240.00

Grade Point Average: 2.65

4.4. Grading scheme and grades

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:

| LETTER GRADE | GRADE POINTS | PERFORMANCE |
|--------------|--------------|-------------------------|
| AA | 4,00 | Excellent |
| BA | 3,50 | Very Good |
| BB | 3,00 | Good |
| CB | 2,50 | Average |
| CC | 2,00 | Satisfactory |
| DC | 1,50 | Poor |
| DD | 1,00 | Minimum Acceptable |
| FF | 0,00 | Failure |
| DZ | --- | Absentee/Unsatisfactory |
| YT | --- | Satisfactory Completion |

Therefore;

1. AA, BA, BB, CB , CC , DC and DD grades are achievement grades.

2. YT grade is given for the courses that the student is exempt from.In addition, YT grade is given in Specialization Field, Consulting and Seminar courses.

3. The grade DZ is given if a student does not fulfill the attendance requirements of the course. This grade is counted as FF in CGPA. The student repeats the course that she/he gets a DZ grade.

GPA

When calculating students GPA, grade point of the student is multiplied by the credit values of the course. The sum of the multiplication of all courses is divided by the sum of credit values of the courses. The result shows student GPA. If this process is done for courses in one semester, Semester Grade Point Average is found; if it is done for all the courses student takes, the GPA is found.

Grade of a course that a student takes from another university is converted into letter grade if it is not in that form. These letter grades are included in grade point average (GPA).

Honor Student: Students whose semester average grade point for two consecutive semesters in a year is between 3,00- 3,49.

High Honor Student: Students whose semester average grade point for two semesters in a year is between 3,50- 4,00.

4.5. Overall Classification of the qualification

Genel Not Ortalaması : 2.65 /4 İyi-Orta

Cumulative Grade Point Average : 2.65 /4 Average

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study

May apply to second cycle programmes.

5.2. Professional status (If applicable)

This degree enables the holder to exercise the profession.

6. ADDITIONAL INFORMATION

6.1. Additional information

N/A

6.2.Further information sources

University web site: www.bartın.edu.tr

Web site for the information package of the university : bbs.bartın.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/members.asp?country=Turkey>

7.CERTIFICATION OF THE SUPPLEMENT

7.1. Date

09.11.2017

7.2. Name and Signature

Yusuf TÜRKAY

7.4. Official stamp or seal

7.3. Capacity

Head of Registrar's Office