European overarching qualifications frameworks as well as that to ECTS credits and student workload are shown below.

Higher education 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 two main components, 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) or (licences degree) and first cycle (bachelor’s) or (licences degree) which are awarded after successful completion of full-time (120 ECTS) and four-year (240 ECTS) study programmes, respectively.

Graduate level of study consists of second cycle (master’s) or (licences degree) and third cycle (doctorate) or (doktora degree) 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 100 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 (doctorate) degree programmes, require 90 to 120 ECTS credits. The completion of the graduation requirements is mandated 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 to HEIs based on publicly available national and institutional regulations.

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 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 the 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 to HEIs based on publicly available national and institutional regulations. The Turkish National Qualifications Framework for Higher Education (TYCQ): The National Qualifications Framework for Higher Education in Turkey (TYCQ) 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 consist of 8 level national framework covering all levels of education 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 TYCQ, with reference to the European overarching qualifications frameworks as well as that to ECTS credits and student workload are shown below.
4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study:

Full-time

4.2. Programme requirements:

Bachelor’s degree is awarded to students who have: successfully completed all courses in the curriculum (at least 240 ECTS) a minimum CGPA of 60/100

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

<table>
<thead>
<tr>
<th>Course Code and Name</th>
<th>Category</th>
<th>Grade</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFFİZ-408</td>
<td>Graduate Studies-II</td>
<td>Compulsory</td>
<td>80</td>
<td>2</td>
</tr>
<tr>
<td>FFFİZ-424</td>
<td>Excess Conductivity-II</td>
<td>Elective</td>
<td>89</td>
<td>2</td>
</tr>
<tr>
<td>FFFİZ-428</td>
<td>Semiconductor Devices</td>
<td>Elective</td>
<td>88</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credits: 155
Total ECTS: 75.98

4.4. Grading scheme and, if available, grade distribution guidance:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-100</td>
<td>Excellent</td>
</tr>
<tr>
<td>70-84</td>
<td>Good</td>
</tr>
<tr>
<td>60-69</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>0-59</td>
<td>Fail</td>
</tr>
</tbody>
</table>

Students must obtain from each course at least 60 and have completed all the courses including the other program requirements (staj, seminar, graduation project, etc.)

Other Grades:
- S: Satisfactory Completion
- U: Unsatisfactory
- C: Compulsory
- E: Elective

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):

The holder of this supplement may exercise the profession

6. ADDITIONAL INFORMATION

6.1. Additional information:

6.2. Further information sources:

The Council of Higher Education web site: www.yok.gov.tr
The Turkish ENIC-NARIC web site: www.enic-naric.net/members.asp?country=Turkey