8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

Structure and Degree System
The basic structure of the Turkish Higher Education System consists of stages of non-compulsory 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 (50 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 "Vocational High School Education" and "Vocational and Technical High School Education". The entry into these categories is through competitive exams for secondary schools.

Higher education system in Turkey is managed by the Council of Higher Education (CoHE). AYDIN, Mustafa is one of the 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 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 twofold 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 (160 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) degrees and first cycle (bachelor’s) 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) (ytik, licentia) and third cycle (doctorate) (doctorates) degree programmes. Second cycle is divided into two sub-types namely master without thesis and master with thesis. Master programmes without thesis require 60 to 90 ECTS credits and consist of courses and a seminar 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, seminars 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. Specialisation 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 (doctorate) degree programmes. The doctorate (doctorate) degree programmes, facilities 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 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 60-90 ECTS credits.

Admission of national students to short and first cycle degree programmes is centralised and handled on a nationwide one-stage examination(1) 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 average. Admission to graduate (doctoral) programmes is 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 directly applied by candidates to HEIs based on publicly available national and institutional regulations.

The Turkish National Qualifications Framework for Higher Education (TYTC). The National Qualifications Framework for Higher Education in Turkey (TYTC) 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 5 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 TYTC, with reference to the European overarching qualifications framework as well as that to ECTS credits and student workload are shown below.

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1. Level of qualification:

Second Cycle (Master’s Degree) 2 years, 2 semesters per year, 16 weeks per semester

3.2. Official Length of Programme:

3.3. Access requirement(s):

First Cycle Degree in the same or in related disciplines
Acceptable score on ALES (Graduation Education Entrance Examination) or equivalent GRE, GMAT
Acceptable score on Language Proficiency
Acceptable weighted score based on the cumulative grade point average gained in first cycle degree and ALES score
Final Acceptance is based on the evaluation of the related academic unit committee
Admission of foreign students is performed by evaluating direct application of candidates to the academic units.
4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study:

Full-time

4.2. Programme requirements:

The Second Cycle (Master's Degree) is awarded to students who have;

- successfully completed different elective and required graduate courses having totally minimum 54 ECTS credits
- given a graduate seminar (6 ECTS credits)
- taken specialization field course (6 ECTS credits)
- prepared and defended a thesis (54 ECTS credits)

obtained a cumulative grade point average of at least 70 on a 100 scale and got no failing grades

Objectives

The graduates of the Programme are expected to:

Use the theoretical and applied knowledge at the level of expertise, interpret it integrating with the information coming from different disciplines, and convey it to groups in and out of the field systematically.

Interpret national/international periodicals in the field of plant protection.

Conduct a research or a project requiring specialization independently, find solutions, taking responsibility, develop new approaches for the problems confronted during applications.

Possess the abilities of planning a research on his/her own topic using quality and quantity data collection methods, maintaining scientific ethic framework and evaluating by choosing proper statistical methods.

Apply the knowledge concerning biosecurity on agricultural production and public/environmental health.

Have the awareness of the social, scientific liabilities, and ethics during the collection, evaluation, and publication steps of data.

Evaluate disease factors, methods used in pest and weed control in agricultural production, chemical substances, biological factors and their alternatives in sustainable agriculture concept.

Present the results of research and project by transforming it into a report/thesis and producing scientific publication out of them.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>910205132004</td>
<td>Applied Plant Virology</td>
<td>Elective</td>
<td>8</td>
</tr>
<tr>
<td>910205412004</td>
<td>Fundamental Mycology</td>
<td>Elective</td>
<td>7</td>
</tr>
<tr>
<td>910205432007</td>
<td>Agricultural Quarantine and Certification</td>
<td>Elective</td>
<td>7</td>
</tr>
<tr>
<td>910205553008</td>
<td>Basic Phytophycology</td>
<td>Elective</td>
<td>8</td>
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</tbody>
</table>

**Year 2/Semester 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>910205201998</td>
<td>Pesticide Application Techniques</td>
<td>Required</td>
<td>8</td>
</tr>
<tr>
<td>910206122004</td>
<td>Diagnosis Methods of Plant Viruses</td>
<td>Elective</td>
<td>8</td>
</tr>
<tr>
<td>910206203011</td>
<td>Viral Diseases of Plants</td>
<td>Elective</td>
<td>8</td>
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</table>

YEAR 2/SEMESTER 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>YLGE5592</td>
<td>Thesis Study</td>
<td>Required</td>
<td>27</td>
</tr>
<tr>
<td>YLGAD591</td>
<td>Specialization Field Course</td>
<td>Required</td>
<td>8</td>
</tr>
</tbody>
</table>

Total ECTS Credits: 120

Subject of Thesis:

THE INVESTIGATION OF SENSITIVITY OF DIAGNOSE METHODS ON THE DETERMINATION VIRAL AGENTS IN BEAN SEED SAMPLES.

(FASULYE TOHÜMLARINDAKI VIRAL ETMELENİN SAPTANMASINDA TANI YÖNTEMLERİNİN DUYARLILIKLARININ İNCELENMESİ)

4.4. Grading scheme and grade distribution guidance:

For each course taken, success of the student is evaluated as follows:

100 is the highest grade and 70 is the lowest passing grade. The students take the grades between these points are assumed to be successful.

<table>
<thead>
<tr>
<th>Grading System out of 100</th>
<th>Letter Grade</th>
<th>Equivalents on 4.00 Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>AA</td>
<td>4.00</td>
</tr>
<tr>
<td>85-89</td>
<td>BA</td>
<td>3.50</td>
</tr>
<tr>
<td>80-84</td>
<td>BB</td>
<td>3.00</td>
</tr>
<tr>
<td>75-79</td>
<td>CB</td>
<td>2.50</td>
</tr>
<tr>
<td>70-74</td>
<td>CC</td>
<td>2.00</td>
</tr>
</tbody>
</table>

4.5. Overall Classification of the qualification:

Ağırlik Not Ortalama: 91 tam not 8.9'erinden 91
Cumulative Grade Point Average: 91 out of 100

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

Graduates may apply to third cycle programmes

5.2. Professional status:

This degree enables the holder to exercise the profession

6. ADDITIONAL INFORMATION

6.1. Additional information

Graduate School of Natural and Applied Sciences
http://fenbilimler.ege.edu.tr/

6.2. Further information sources

University web site: www.ege.edu.tr
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