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) 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) and third cycle (doctorate) 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 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 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 (ALESS) 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 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 education levels lies on levels between 5 to 8. The levels of the TYYÇ with reference to the European overarchings qualifications frameworks as well as that to ECTS credits and student workload are shown below.

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.

Graduate level of study consists of second cycle (master’s) and third cycle (doctorate) degree programmes. 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) 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.

High school diplomas in Turkey consist of short cycle (associate’s) and first cycle (bachelor’s) degrees. Admission to first cycle degree programmes requires additional courses of 60 ECTS credits.

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 (ALESS) 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 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 education levels lies on levels between 5 to 8. The levels of the TYYÇ with reference to the European overarchings qualifications frameworks as well as that to ECTS credits and student workload are shown below.

This Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CAPES. 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) : GÜMÜŞ
1.2. Given name(s) : FULYA
1.3. Date of birth : 24.05.1992
1.4. Student identification number : 09020004017

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. Name of qualification and (if applicable) title conferred (original language): Biyoloji, Lisans
2.2. Main field(s) of study for the qualification: Biology, Bachelor’s Degree
2.3. Name and status of awarding institution (in original language): Yüzüncü Yıl Üniversitesi, Devlet Üniversitesi
2.4. Name and status of institution (if different from 2.3) administering studies (in original language): 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 (level)
3.2. Official length of programme: 4 years, 2 semesters per year, 16 weeks per semester
3.3. Access requirements(s): High School Diploma Placement through a nation-wide Student Selection and Placement Examinations (YGS and LYS)
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) and a minimum CGPA of 60/100.

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

Course Code and Name | Category (Compulsory/Elective) | Grade | Credits | ECTS
--- | --- | --- | --- | ---
Semester I

29010012001 General Biology 1 (Botany) | Compulsory | 77 | 4 | 6
29010012002 General Biology Lab. I | Compulsory | 91 | 2 | 4
29010012003 General Chemistry Lab. I | Compulsory | 72 | 1 | 2
29010017005 General Chemistry-I | Compulsory | 68 | 2 | 3
29010019009 Turkish Language I | Compulsory | 80 | 2 | 2
29010019010 Atatürk's Principles and Revolutions I | Compulsory | 82 | 2 | 2
29010019011 Foreign Language (English) - I | Compulsory | 100 | 2 | 2
29010019101 Biophysics | Compulsory | 72 | 3 | 4
29010019205 Biostatistics | Compulsory | 90 | 2 | 3
290100194007 Introduction to Computers-I | Compulsory | 99 | 1 | 2

Semester II

29010020009 Turkish Language and Literature | Compulsory | 81 | 2 | 2
29010020009 Atatürk's Principles and Revolutions | Compulsory | 86 | 2 | 2
29010020009 Foreign Language (Eng-Ger-Fre) | Compulsory | 100 | 2 | 2
29010020009 Introduction to Computers-II | Compulsory | 73 | 1 | 2
29010020709 Microbiology | Compulsory | 72 | 3 | 3
29010020809 Mycology (Lab) | Compulsory | 64 | 1 | 2
290100212001 General Biology (Zoo) | Compulsory | 71 | 4 | 6
290100213001 General Biology (Zoo) Lab. | Compulsory | 87 | 2 | 4
290100213001 General Chemistry Lab. II | Compulsory | 80 | 1 | 2
290100216001 Basics of Systematics | Compulsory | 87 | 2 | 5
290100285007 General Chemistry-II | Compulsory | 90 | 2 | 2

Semester III

290100321001 Cytology | Compulsory | 80 | 3 | 4
290100325001 Organic Chemistry I | Compulsory | 89 | 3 | 5
290100324001 Invertebrate Animal Systematics | Compulsory | 97 | 3 | 4
290100325001 Invertebrate Systematics Laboratory | Compulsory | 100 | 1 | 2
290100326001 Systematics of Seedless Plants | Compulsory | 88 | 3 | 5
290100327001 General Microbiology | Compulsory | 80 | 3 | 3
290100328001 General Microbiology Laboratory | Compulsory | 76 | 1 | 2
290100329001 Plant Ecology | Compulsory | 88 | 2 | 2
290100330001 Systematics of Seedless Plants Lab. | Compulsory | 81 | 1 | 2
290100386006 Cytology Lab-II | Compulsory | 86 | 1 | 2

Semester IV

290100431003 Ecology-II (Animal) | Compulsory | 94 | 2 | 2
290100432009 professional English | Compulsory | 100 | 2 | 2
290100437001 Animal Histology | Compulsory | 94 | 3 | 4
290100438001 Animal Histology Lab. | Compulsory | 68 | 1 | 2
290100439001 Plant Anatomy and Morph. | Compulsory | 90 | 3 | 4
290100441002 Systematics of Vertebrate Animals II | Compulsory | 90 | 4 | 5
290100442009 Systematics of Vertebrate Animals Lab | Compulsory | 98 | 1 | 2
290100487007 Entomology | Compulsory | 92 | 2 | 3
290100488007 Entomology Lab. | Compulsory | 78 | 1 | 2
290100489007 Plant Anat. and Morph. Lab. | Compulsory | 78 | 1 | 2

Semester V

290100505001 Genetic Application-I | Compulsory | 82 | 1 | 2
290100504001 clinical Biochemistry-I | Compulsory | 81 | 2 | 3
290100505001 Clinical Biochemistry Lab-I | Compulsory | 100 | 1 | 2
290100506001 Microtechnology-I | Compulsory | 94 | 2 | 3
290100507001 Microtechnology Lab-I | Compulsory | 83 | 1 | 1
290100508001 fungal Systematics-I | Compulsory | 78 | 2 | 3
290100509001 Mycology Systematics Lab-I | Compulsory | 100 | 2 | 2
290100541001 Biochemistry I | Compulsory | 71 | 3 | 4
290100542001 Genetic I | Compulsory | 78 | 3 | 4

Course Code and Name | Category (Compulsory/Elective) | Grade | Credits | ECTS
--- | --- | --- | --- | ---
2901005442001 Physiology I (Plant) | Compulsory | 95 | 3 | 4
2901005882006 Physiology Laboratory-I (Plant) | Compulsory | 84 | 1 | 2
2901006022001 Plant Geography-II | Compulsory | 83 | 3 | 3

Semester VI

2901006012001 Genetic Application-II | Compulsory | 77 | 1 | 2
2901006012001 Systematics of Vascular Plants-II | Compulsory | 71 | 3 | 3
2901006042001 Systematics of Vascular Plants Lab-II | Compulsory | 91 | 1 | 2
2901006052001 Biochemistry II | Compulsory | 97 | 3 | 3
2901006510001 Genetic II | Compulsory | 96 | 3 | 4
2901006520001 Physiology-II (Animal) | Compulsory | 80 | 3 | 4
2901006542001 Physiology Lab. II (Animal) | Compulsory | 98 | 1 | 2

Semester VII

FFBY-401 Hydrobiology | Compulsory | 74 | 2 | 4
FFBY-401 Molecular Biology | Compulsory | 84 | 3 | 5
FFBY-421 Endocrinology | Elective | 99 | 3 | 5
FFBY-421 Industrial Microbiology | Elective | 90 | 3 | 5
FFBY-431 Ethology | Elective | 73 | 3 | 3
FFBY-431 Human Anatomy & Morphology | Elective | 100 | 3 | 5

Semester VIII

FFBY-402 biotechnology | Compulsory | 80 | 2 | 5
FFBY-404 embryology | Compulsory | 100 | 2 | 5
FFBY-426 vegetation science | Elective | 78 | 3 | 5
FFBY-426 research project | Elective | 100 | 3 | 5
FFBY-438 molecular biology techniques | Elective | 94 | 3 | 5
FFBY-442 microbial ecology | Elective | 94 | 3 | 5

Total Credits : 154
Total ECTS : 85.83

CGPA : 85.83

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-100</td>
<td>Excellent</td>
<td>5</td>
</tr>
<tr>
<td>77-84</td>
<td>Good</td>
<td>5</td>
</tr>
<tr>
<td>60-76</td>
<td>Satisfactory</td>
<td>5</td>
</tr>
<tr>
<td>59 &amp; Below</td>
<td>Fail</td>
<td>5</td>
</tr>
</tbody>
</table>

Internship | Sufficient/Fail |
--- | --- |
Students must obtain from each course at least 60 and have completed all courses including the other program requirements (sta, seminar, graduation project, etc.).

Other Grades:

S : Satisfactory Completion
U : Unsatisfactory
C : Compulsory
E : Elective

4.5. Overall classification of the qualification (in original language):

Genel Not Ortalaması: 85,83 (Pekiyl)

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:

The holder is an honor/a high honor student in Semester I.
The holder participated in exchange programme of Erasmus
The holder completed an TÜBİTAK undergraduate projects
The holder graduated with a degree (First, second or third place)

(Öğrenci hakkında Bilgi)

Department of Biology, Faculty of Science, Yüzüncü Yıl University
http://bologna.yyu.edu.tr/birimpage.php?islem=mufredat&amp;birim_id=6&amp;altbirim_id=33

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