School of Geoscience Department of Agriculture



ΤΜΗΜΑ ΓΕΩΠΟΝΙΑΣ ΑΛΕΞΑΝΔΡΕΙΑ ΠΑΝΕΠΙΣΤΗΜΙΟΥΠΟΛΗ ΔΙΕΘΝΕΣ ΠΑΝΕΠΙΣΤΗΜΙΟ ΤΗΣ ΕΛΛΑΔΟΣ

STUDY GUIDE

DEPARTMENT OF AGRICULTURE

Thessaloniki 2023

EDITING GROUP

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Table of Contents

Welcome Note from the Head of the Department7				
INTERNATIONAL HELLENIC UNIVERSITY				
General Information				
1.2 Academic and Organizational Structure	8			
3 The Campus of Thessaloniki				
THE CITY OF THESSALONIKI				
2.1 Geographical and Demographic Information	. 12			
2.2 Historical Data	. 12			
2.3 Useful links of transportation	. 12			
3. THE DEPARTMENT OF AGRICULTURE	. 14			
4. THE UNDERGRADUATE STUDY PROGRAM	. 15			
4.1 The Purpose of the U.S.P. of the Department	. 15			
4.2 Awarded title and level of qualifications	. 15			
4.3 Career Prospects for Graduates	. 16			
5. INFORMATION ON THE CURRICULUM OF STUDIES	. 17			
5.1 Duration of Studies	. 17			
5.2 Registration	. 17			
5.3 Academic Year Calendar	. 17			
5.4. Specific Arrangements for Recognition of previous Studies	. 18			
5.4 Course declaration- Renewal of registration	. 20			
5.5 Academic ID - Student ID	. 21			
5.6 Teaching Materials	. 21			
5.7 Course of Study	. 21			
5.8 Examinations	. 27			
5.9 Bachelor / Diploma thesis	. 28			
5.10.1. The Procedure for Assignment and Undertaking of Diploma Thesis	. 29			
5.10.2 Advisors / Thesis Supervisors	. 29			
5.10.3 Submission of Diploma Thesis topics	. 29			
5.10.4 Assignment / Undertaking of Diploma Thesis	. 30			
5.10.5 Thesis supervision	. 30			
5.10.6 Change of Supervising Professor or Subject, Interruption of Diploma Thesis	. 31			
5.10.7 Thesis Presentation / Support And Evaluation Process	. 31			
5.10.8 Presentation / Diplomatic Thesis Support	. 32			
5.10.9 Thesis Evaluation	. 32			
5.10.10 Topic and Scope of Thesis	. 33			
5.11 Work placement/Internship	. 33			
5.12 Degree Degree – Declaration of a graduate				
5.13 Graduation Certificate - Detailed Transcript - Diploma Appendix				
5.14 Digital Skills Certification				
6. Academic Staff	. 36			
6.1 Academic Staff of the department of Agriculture	. 36			
6.2 Administration/Secretariat Office: Duties and working hours	. 38			
6.3 The Role of the Academic Advisor(Tutor)				
6.4 Evaluation of the Educational Process	. 41			
0.4 Evaluation of the Educational Process				

7.1 Laboratory Spaces and Equipment	42
7.2 Teaching Classrooms	45
7.3 E-Learning	45
7.4 Institutional Research Laboratories	45
7.5 Farm	47
8. THE UNDERGRADUATE STUDY PROGRAM	49
8.1 Brief presentation of Undergraduate Study Program	52
8. 2 UNDERGRADUATE STUDY PROGRAM PER SEMENSTER	61
8.2.1 Undergraduate study program- Core course	61
8.2.2 Undergraduate Program - Courses in Agricultural Economics and Entrepreneurship	64
8.2.3 Undergraduate Study Program - Courses of Animal Production Science Specialization	68
8.2.3 Undergraduate Program Curriculum - Specialization Courses in Crop Production	71
9. POSTGRADUATE PROGRAMS IN THE DEPARTMENT	76
9.1 Master's Program (M.Sc.) in "Environmental Management and Environmental Education"	76
9.1.1 History	76
9.1.2 The subject - purpose of the Postgraduate Program	.76
9.1.3 The awarded postgraduate degree	. 77
9.1.4 Categories of graduates who are accepted	. 77
9.1.5 Duration of studies	. 78
9.1.6 Curriculum per semester	.78
9.1.7 Number of postgraduate students	80
9.1.8 Staff and infrastructure	80
9.2 Postgraduate Program (M.Sc.) titled 'Innovative Systems for Sustainable Agricultural	
Production'	80
9.2.1 History	81
9.2.2 Goals and Objectives of the Postgraduate study program	81
9.2.3 The postgraduate degree awarded	82
9.2.4 Admissions	82
9.2.5 Duration of studies	82
9.2.6 Course schedule per semester	82
9.2.7 Number of postgraduate students	84
9.2.8 Staff and infrastructure	85
10. Ph.D.Studies	86
11. SERVICES AND STUDENTCARE	87
11.1 European Programs Office (Erasmus)	87
11.2 Library	87
11.3 Student Club	87
11.4 Student Residence	88
11.5 Medical Care	88
11.6 Gym	88
11.7 Sports and Cultural Activities	88
11.8 Network Operations Center - Electronic Services	. 89
11.9 Deferral of military service and reduced fare	89
11.10 Career Office	89
12. The international dimension of the Undergraduate Study Program and collaborations	.91
13. REFERENCETO THE DEPARTMENT AND UNIVERSITY REGULATIONS	92

14. APPENDIX DETAILED COURSES OUTLINE

Welcome Note from the Head of the Department

Dear students,

A warm welcome to the School of Agriculture, of the International Hellenic University.

In this study guide, you can find useful information about the History and Administration of our School, its mission, its structure in Departments and Laboratories, the members of the Teaching and Research Staff (Faculty), the Study Programs (Undergraduate and Postgraduate) and the research and other activities of the Agriculture department of the School of Geotechnical Sciences.

We aim to provide you with the necessary knowledge and resources to effectively respond to the demands of our society for high-quality education at this critical student age.

Happy browsing in this Study Guide!

The Head of the Department Alexandra Pavloudi Associate Professor

1. INTERNATIONAL HELLENIC UNIVERSITY

1.1 General Information

The International Hellenic University (I.H.U.) based in Thessaloniki, was founded in 2005 (Law 3391/2005 Government Gazette 240/ A') and is organized and operates as a Higher Educational Institution (HEI) in the university sector, in accordance with Law 4485/2017 (A'114).

With Law 4610/2019 (Government Gazette 70/A'/7-5-2019) seven (7) Schools were established therein with corresponding Departments in each of them.

Additionally, inside the IHU there is a University Center for International Studies, also based in Thessaloniki, which operates as an academic unit of the institution.

The following Departments are established at the University Center for International Studies:

a) Humanities, Social and Economic Sciences, which is part of the School of Humanities, Social and Economic Sciences.

b) Science and Technology, which is part of the School of Science and Technology.

The above Departments are located in different cities of Northern Greece. Most of them are mainly concentrated in four campuses: Thermi (where the University headquarters is also located), Sindos, Serres and Kavala.

1.2 Academic and Organizational Structure

According to the current legislation, the University is subdivided into Schools, which cover a set of related scientific disciplines, so that the necessary coordination for the quality of the education provided can be ensured. A School is subdivided into individual Departments which also constitute the basic academic units. The units in question cover the subject of a specific scientific field and award the corresponding degree/diploma. The Schools of the International Hellenic University - with their Departments - are as follows:

SCHOOLS	DEPARTMENTS
SCHOOL OF ECONOMICS AND BUSINESS ADMINISTRATION (Thessaloniki)	 Department of Business Administration (Serres) Department of Economic Sciences (Serres) Department of Supply Chain Management (Katerini) Department of Accounting and Finance (Kavala) Department of Business Administration, Marketing and Tourism (Thessaloniki) Department of Accounting and Information Systems (Thessaloniki) Department of Management Science and Technology (Kavala)

SCHOOL OF SOCIAL SCIENCES (Thessaloniki)	 Department of Library, Archive and Information Science (Thessaloniki) Department of Early Childhood Education and Care (Thessaloniki)
SCHOOL OF HEALTH SCIENCES (Thessaloniki)	 Department of Biomedical Sciences (Thessaloniki) Department of Nutritional Sciences and Dietetics (Thessaloniki) Department of Midwifery Science (Thessaloniki) Department of Physiotherapy (Thessaloniki) Department of Nursing (Thessaloniki) Department of Nursing (Didymoteicho Branch)
SCHOOL OF ENGINEERING (Serres)	 Department of Industrial Engineering and Management (Thessaloniki) Department of Environmental Engineering (Thessaloniki) Department of Information Technology and Electronic Engineering (Thessaloniki) Department of Computer, Informatics and Telecommunications Engineering (Serres) Department of Surveying and Geoinformatics Engineering (Serres) Department of Mechanical Engineering (Serres) Department of Civil Engineering (Serres)
SCHOOL OF DESIGN SCIENCES (Serres)	 Department of Creative Design and Clothing (Kilkis) Department of Interior Architecture (Serres)
SCHOOL OF SCIENCES (Kavala)	 Department of Computer Science (Kavala) Department of Physics (Kavala) Department of Chemistry (Kavala)
SCHOOL OF GEOSCIENCES (Drama)	 Department of Agricultural Biotechnology and Oenology (Drama) Department of Agriculture (Thessaloniki) Department of Forestry & Natural Environment (Drama) Department of Food Science and Technology (Thessaloniki)
SCHOOL OF HUMANITIES SOCIAL SCIENCES AND ECONOMIC STUDIES (Thessaloniki)	 Department of Humanities Social Sciences and Economic Studies (Thessaloniki)
SCHOOL OF SCIENCE AND TECHNOLOGY	 Department of Science and Technology (Thessaloniki)

(Thessaloniki)	

The administrative bodies of each School are the Deanery and the Dean.

The Deanery of each School consists of:

-the Dean of the School,

- the Presidents of the Departments, and

- representatives of Special Technical Laboratory Staff (E.TE.P.), Special Teaching Laboratory Staff (E.D.I.P.), and students.

The Department is managed by:

- the Department's Assembly

- the Management Board, and

- the President of the Department

The Assembly of the Department is made up of the Educational Staff members of the Department, the technical staff representatives, undergraduate and postgraduate students. The Assembly and the President of the Department consist the Bodies of the Departments' (established) directions (Sectors) - where they exist. The Assembly is made up of the Educational Staff members of each course and of student representatives.

1.3 The Campus of Thessaloniki

The Department of Agriculture of DI.PAE is based in Sindos, Thessaloniki (Alexandria University Campus), which is the heart of Agricultural Production in our country, with large units for standardization and processing of agricultural products.

The facilities of DI.PAE-Alexandria University Campus are located west of Thessaloniki, in the Sindos area of the Delta Municipality, where the city's industrial zone is also located. The privately owned facilities of the Institute are 17 kilometers away from the center of Thessaloniki, at the exit of the national highway from Thessaloniki to Athens towards Sindos. They cover an area of 1,600 acres, the majority of which, around 1,000 acres, is occupied by the farm, including greenhouses, crops, stables, poultry farm, staff facilities, training areas, and farm service offices. The total area of the buildings reaches 35,000 square meters, accommodating study departments and central administrative services.

The location of the Department, outside the urban complex of Thessaloniki, in a large territorial area, allows for the implementation of many experimental designs in Plant and Animal Production, providing a connection between applied agricultural research and agricultural practice.



Picture 2.1 The map of the Alexandria Campus of IHU in Sindo Thessaloniki

2. THE CITY OF THESSALONIKI

2.1 Geographical and Demographic Information

Thessaloniki is the largest city in terms of area and population in the geographical region of Macedonia and the second largest in Greece. It is the capital of the Thessaloniki Regional Unit, the seat of the Municipality of Thessaloniki and the metropolitan area of Thessaloniki, the urban complex of Thessaloniki, as well as the seat of the Central Macedonia Region and the Decentralized Administration of Macedonia - Thrace. The patron saint of the city is Saint Demetrius, known as Myrovlitis. With a wealth of magnificent Byzantine monuments, it claims the title of the quintessential Byzantine city.

The White Tower is the main symbol of Thessaloniki and also one of the most important landmarks in Greece. It was built in the 15th century at the city's harbor as a fortified tower, and it was later used as the residence of the Janissary Guard and as a prison for death row inmates. Today, it houses a remarkable collection of Byzantine artifacts from the city.

According to the 2021 Census, the Thessaloniki Urban Complex has a permanent population of 789,191 inhabitants, while the Thessaloniki Regional Unit (Prefecture), for which reliable statistical data are available, has a population of 1,012,297 inhabitants.

Thessaloniki produces 70% of the country's rice, has around 120,000 acres of cotton, cereals (both hard and soft), legumes, saffron, fodder plants, and over 30% of the dairy production. Additionally, there are many processing units, several cooperatives, and numerous private enterprises in the city.

2.2 Historical Data

Thessaloniki was founded in 315 BC by the Macedonian general Cassander, who belonged to the Antipatrid dynasty and was one of the successors of Alexander the Great. He named the city after his wife and Alexander's half-sister, Thessaloniki, and it resulted from the merger of 26 towns located around the Thermaic Gulf.

It is an important center for ancient Greek, Roman, and Byzantine culture, boasting monuments from throughout its historical timeline.

Throughout its history, Thessaloniki has been a cosmopolitan and economically prosperous city. It experienced its greatest flourishing during the Byzantine era. Merchants from all over Greece, as well as from other countries like Serbia and Bulgaria, gathered in Thessaloniki, contributing to its vibrant commercial and cultural activities. Simultaneously, alongside material prosperity, the city was characterized by significant intellectual movements of philosophers, rhetoricians, and scholars, rivaling those of Constantinople.

2.3 Useful links of transportation

On the following websites, you will find useful phone numbers and information regarding your daily life and transportation both in Thessaloniki and to the Department of Agriculture of the International Hellenic University.

CITY BUSES: https://oasth.gr/ (Tel.: +30 2310 981.100) KTEL: https://ktelmacedonia.gr/ (Tel.: +30 2310 595431) PORT OF THESSALONIKI: https://www.thpa.gr/index.php/el/ (Tel.: +30 231 332 5800) TAXI: https://www.vrisko.gr/dir/taksi-radiotaksi-stathmoi-taksi/thessaloniki/ AIRPORT: https://www.skg-airport.gr (Tel.:+30 2310 985000) TRANSPORTATION: https://thessalonikicityguide.gr/poli/metakinoymai-stin-poli/ https://thessaloniki.gr POLICE STATIONS: https://www.astynomia.gr/epikoinonia/genikes-astynomikes-diefthynseis/g-a-dthessalonikis/astynomika-tmimata-tmimata-asfaleias-thessalonikis/ ACTUAL HOSPITALS OF THESSALONIKI:

https://www.vrisko.gr/efimeries-nosokomeion/thessalonikh/oles-oi-efimeries-nosokomeion/

The ways to access the facilities of the Alexandria Campus of IHU in Sindos are by OASTH buses and by private cars. The Urban Transport Organization (OASTH) (http://www.oasth.gr, tel. 2310933930) covers the route from the Railway Station to IHU-Sindos with regular city bus routes. The bus line no. 52 (Routes / Stops) stops right in front of IHU-SINDOS.

3. THE DEPARTMENT OF AGRICULTURE

The Department of Agriculture is one of the four Departments of the School of Geotechnical Sciences at the International International University, founded in May 2019 by Law 4610 (Government Gazette 90/A/07-05-2019) "Collaborations between Universities and Technical Education Institutions, access to tertiary education, experimental schools, General State Archives, and other provisions".

The Department is located on the outskirts of Thessaloniki, which is developing into a major international transport hub and agricultural production center. It has one of the largest orchards in Europe, the second largest plain in Greece, where most of the large-scale crops and fruits are grown, and plenty of productive livestock farms. Thessaloniki is also home to many businesses dealing with plant and animal products, many of which are export-oriented. These conditions contribute catalytically to the substantive and empirical education of students, as well as to the greater absorption of graduates by local business units, to the development of applied research by the Teaching and Research Staff, and to the effective utilization of knowledge generated and transmitted by the Faculty.

The Department of Agriculture, with three (3) specializations: a) Agricultural Economics and Entrepreneurship (AEE), b) Animal Science Production (ASP), and c) Plant Production (PP), is a continuation of the Department of Agricultural Technologists of the Alexander Technological Educational Institute of Thessaloniki, which operated during the Academic Years 2013-2014 to 2018-2019 with three (3) specializations, according to Presidential Decree 82, Government Gazette 123 A'/3-6-2013: a) Plant Production, b) Animal Production, and c) Agricultural Economics, which had emerged from the merger of the former Departments: a) Plant Production, b) Animal Production, b) Animal Production, and c) Agricultural Enterprises.

The three former Departments (FP, ZP, RDMRE) were founded under Law 1404/83 of the Technological Educational Institutions and represent the evolution, like all TEIs, of corresponding Departments of the Higher Technical Education Schools (KATEE) that operated from the Academic Year 1973-1974. All three former Departments have a long and significant history in Higher Education. Many of the graduates of the three former Departments distinguish themselves in the professional field, while many others continue their studies at postgraduate level in universities in Greece and abroad.

The Department of Agriculture of I.H.U. is ranked very high on the academic map of higher education. It is a reference point for educational processes and scientific practices in agricultural education and research.

Since the academic year 2015-2016, the Department of Agriculture of I.H.U. organizes and runs the Master of Science – MSc in Innovative Systems of Sustainable Agricultural Production. Additionally, since the academic year 2018-2019, it also runs the Master of Science – MSc in Environmental Management and Environmental Education.

From the academic year 2020-2021, the Department of Agriculture of I.H.U. organizes and operates a Doctoral Program (PhD).

Today, the Department has 26 faculty members, 3 members as Laboratory Teaching Staff (LTS) and 3 members as Special Technical Laboratory Staff (STLS). Approximately 3,500 students are currently enrolled in the Department, distributed among the three directions of study.

4. THE UNDERGRADUATE STUDY PROGRAM

4.1 The Purpose of the U.S.P. of the Department

The Department's mission is to contribute to the cultivation and transmission of knowledge in the wider field of agricultural studies through teaching and applied research, to contribute to the country's agricultural and economic development, and to address environmental and social challenges.

The diverse activities and functions in the changing complex agricultural, agri-food, and environmental reality, combined with the continuous developments in related agricultural scientific fields, make both broad and specialized knowledge base necessary in agricultural education and research. These knowledge subjects are covered by the Curriculum of the Department of Agriculture, which has a common knowledge core in the first four semesters of study and branches out into three directions from the fifth semester of study: Agricultural Economics and Entrepreneurship, Animal Production Science, and Crop Production Science.

The direction of Agricultural Economics and Entrepreneurship covers the field of knowledge related to the economy of agricultural activities of plant and animal production, the organization, and management of agricultural businesses in the rural sector. It also covers the sustainable use of natural and other resources of the countryside, including the implementation of policies for the development of rural areas and the promotion of entrepreneurship in the agri-food sector.

The division of Animal Science covers the field of animal science and related scientific disciplines, with an emphasis on the application of modern scientific and technological methods in breeding, nutrition, improvement, reproduction, and primarily health of agricultural animals, as well as companion animals. Additionally, it covers the methods of production, processing, and standardization of animal products, animal feed, and generally the production of inputs.

The division of Crop Science covers the knowledge related to the science and technology of plant capital, the production of plant products, the exploitation, standardization, preservation, and disposal of products, the production and distribution of agricultural inputs, as well as activities that contribute to the quality of life of rural and urban households. It also deals with the management, restoration, and protection of urban, suburban, and rural natural environments.

4.2 Awarded title and level of qualifications

Students in the Department of Agriculture acquire a broad agricultural knowledge infrastructure during their first few semesters, and then they have the opportunity to specialize in a subject within their chosen direction from the fifth semester onwards. The wide range of knowledge, skills, and abilities built in the beginning, combined with later specialization, as well as the semester-long practical training carried out in the tenth semester and the thesis that students

submit at the end of their studies, make graduates capable of dealing with a large set of agricultural applications and differentiated professional occupations.

At the same time, the structure of the program ensures the necessary general and specific knowledge background, so that interested graduates of the Department can successfully pursue postgraduate studies, choosing from a plethora of available related scientific specializations.

After successfully completing the undergraduate program, graduates of the Department are declared "Graduates of the Department of Agriculture" with a specialization in one of the following: Agricultural Economics and Entrepreneurship, Animal Production Science, or Plant Production Science.

4.3 Career Prospects for Graduates

The curriculum of the Department of Agriculture covers the basic subjects of agricultural sciences and their applications in all productive activities of the plant and animal sector, including the application of agricultural sciences to plant and animal production, agricultural and livestock farms, as well as productive and commercial agricultural enterprises (plant and animal production) and rural areas. DI.PA.E's The study program is designed to meet labor market demands for trained agricultural personnel who will enhance the agricultural sector's development. Based on this goal, graduates of the Agricultural Department will be able to engage in:

• Activities related to the production, processing, and marketing of agricultural products (both plant and animal-based).

• Activities related to the production and trade of inputs for plant and animal production.

• Activities related to quality of life and environmental issues in rural, urban, and suburban areas.

• Alternative activities based on plant and animal production and resources of rural areas.

• Services provided by the wider public sector that support, supervise, and control productive and commercial activities in agriculture.

• Services provided, directly and indirectly, to agricultural farms and businesses (both plant and animal-based).

According to the Government Gazette 83/A/2023, article 131, graduates of the department are able to practice as agronomists, while they also have the option to pursue postgraduate studies in related or similar fields.

5. INFORMATION ON THE CURRICULUM OF STUDIES

5.1 Duration of Studies

The first cycle of studies at the Department of Agriculture of the School of Geotechnical Sciences of the International Hellenic University consists of attending a Bachelor's Degree Program (B.D.), which includes courses equivalent to 300 credit units (ECTS), lasts typically for five (5) academic years, and is completed with the award of the degree. In each academic year, the student chooses educational activities equivalent to 60 credit units (ECTS) per year (paragraph 2b, Article 30 of Law 4009/2011).

The undergraduate studies are conducted with the system of semester courses, while the curriculum also includes the Diploma Thesis and the Practical Training. The maximum duration of studies in a first-cycle study program consists of a minimum duration of ten (10) academic semesters for the award of the degree, increased by six (6) academic semesters. After the completion of the maximum period of study, the Department's Administrative Board issues an act of deletion (Article 76, paragraph 1, Law 4957/2022).

Students who have not exceeded the maximum period of study may, after applying to the Department's Secretariat, interrupt their studies for a period not exceeding two (2) years, which does not count towards their maximum duration of study. The application must be submitted before the end of the academic year, and the decision is made by the Department's Administrative Board (Article 76, paragraph 3, Law 4957/2022).

5.2 Registration

In accordance with the current regulations, students are registered in the Department of Agriculture of I.H.U. after passing the entrance exams for tertiary education, by transfer, or by qualifying exams.

The registration of newly admitted students takes place at the Department's Secretariat within the time limits set by the Ministerial Decisions each time.

Successful candidates in the Panhellenic Examinations who completed their registration through the electronic application of the Ministry of Education must verify their identity at their Department's Secretariats by submitting the following documents:

1. Registration application (printed from the website of the Ministry of Education)

- 2. ID card photocopy
- 3. One (1) passport-style photograph

The required supporting documents are announced on a case-by-case basis for the remaining categories of new students.

5.3 Academic Year Calendar

The academic year starts on September 1st of each year and ends on August 31st of the following year. The educational activities of each academic year are structured into two

semesters, the winter and the spring semester. Each semester includes 13 weeks of teaching and one examination period. In September, before the start of the winter semester classes, there is an examination period for all the courses of the winter and spring semesters. For courses or laboratories that are evaluated through progress tests and/or assignments during the regular academic year, there is no obligation for a re-examination in September.

Courses or exams are not held in the two months of summer holidays (July and August). Holidays also include:

a) Christmas Holidays: December 24 to January 7.

- b) Three Holy Hierarchs Day (January 30th).
- c) March 25th. National celebration
- d) Clean Monday (first day of Lent).
- e)Easter Holidays: From Holy Monday to the Thomas Sunday
- f) International Workers' Day (May 1st).
- g) Holy Spirit Day (Monday after Pentecost).
- h) Feast day of the Patron Saint of the city of Thessaloniki (October 26th).
- h) Greek National Holiday on October 28th.

j) **November 17**: Students' uprising in the National Technical University of Athens against the junta in 1973

The exact start and end dates of classes, as well as exam dates, are determined by the Administrative Committee of the educational institution.

5.4. Specific Arrangements for Recognition of previous Studies

According to the Internal Regulation of I.H.U. (Government Gazette 4889/B/06.11.2020), students who are admitted to a department of the International Hellenic University (entrance examinations, transferring students, etc.) are eligible to have courses recognized if they have successfully completed and passed the corresponding courses at their previous university, provided that these courses correspond to courses in the curriculum of the host department.

A. For the transfer of students to the Department of Agriculture, the following apply:

a) The transfer of a student is made in accordance with the current provisions of national legislation.

b) It is possible for a student who comes from a Department of Agriculture in the country to recognize semesters and/or courses, upon request to the Secretariat of the Department. The request for the recognition of one academic year must have been submitted by the interested party within two years from the date of registration in the Department.

c) A transferring student may recognize a course (mandatory or elective mandatory) of the Department of Agriculture's Undergraduate Program (UP), after submitting a relevant request to the Secretary's Office, provided that the student has "fully studied" the specific course, including successfully passing its examination, at the Department or the School of origin. The recognition of the course is done with a grade and corresponding ECTS credits as those of the

Department of Agriculture's UP. The transferring student's application to the Secretary's Office of the Department of Agriculture must include the student's detailed transcript, where the grade in the course will be visible, and the syllabus of the course for which recognition is requested.

d) The above "full teaching" of a course at the Department or School of origin, for which a transferring student requests its recognition in the Undergraduate Program of Studies (UPS), is decided/determined by the Assembly of the School of Agriculture, following a proposal by the teaching Professor of the course in the UPS of the Department of Agriculture.

B. For the qualifying exams , the following criteria are used:

a) The **qualifying exams** for graduates take place according to the current provisions of national legislation.

b) After these exams the successful candidate can enroll in the 3rd semester, given that the curriculum of the Department of Agriculture is five years.

c) The candidate is exempted from the examination of the three (3) courses in which he/she has successfully passed the entrance examinations, provided that these three (3) courses are part of the curriculum of the Department of Agriculture, and taking into account the grade the student received (by converting the grade from the scale with "20" being the highest to the corresponding scale with "10" being the highest). If the student was admitted to the curriculum of the Department of Agriculture as an exception, without having succeeded (i.e. receiving a grade of at least 10/20) in any of these three (3) examined courses, then in this case he/she is not exempted from the examination in that course.

d) A student enrolled in the Department of Agriculture may be exempted from taking an exam in a course of the Postgraduate Program of Studies (PPS) if they have been fully taught the specific course, including successfully passing an exam in it, at their Department or School of origin. In the students' request to the Secretariat of the Department of Agriculture for such an exemption, their detailed transcript of record must be attached, which clearly shows their grade in the course, as well as the course outline for which they are seeking exemption.

e) The determination of whether a student has been fully taught a course in their Department or School of origin, for which they are seeking exemption from taking an exam in a PPS course, is made/verified by the Assembly of the School of Agriculture, following a recommendation from the Professor of the Course in the PPS of the School of Agriculture.

f) The grade of a student in the PPS of the Department of Agriculture is calculated based on the average grade of the courses in which the student successfully passed the exam.

C.In order to recognize courses taken at the Department of Agriculture by students who have studied abroad as part of Erasmus+, the following criteria must be met:

a). The Erasmus student is able to recognize all the courses from the Host University that they have declared and successfully examined, provided that their syllabus corresponds to those of the Department of Agriculture. The code, title, and ECTS will correspond to those of the current study program of the Department of Agriculture. The mapping of courses from the Host

University to courses of the Department of Agriculture in the Learning Agreement is the sole responsibility of the student and the academic coordinator's signature. The student is able to recognize a total of up to six (6) courses from the Department's Undergraduate program, specifically up to four (4) compulsory (C) courses and up to four (4) compulsory elective (CE) courses. In case the student has studied a course from the Department's Undergraduate program in a foreign institution, but a significant part of the course material was not included in the curriculum taught and examined at the Department or School of the Host University, then the course is not recognized. However, the student is given the opportunity to take a supplementary exam on the remaining material and the grade is combined with that of the foreign institution, and the course is recognized as a course of the Department's Undergraduate program (C, CE), always at the discretion of the instructor. In any case, regrading recognized courses within the framework of the Erasmus+ program is not allowed. The student has the option to choose which courses they want to be recognized for, among the ones they successfully completed at the host university, by submitting a relevant declaration to the Department's Secretariat. The process of course recognition is described in the next paragraph.

b) The Erasmus student may have a course (mandatory or compulsory elective) recognized by the Department of Agriculture, following a relevant request to the Secretariat, provided that the student has "fully succeeded" in the assessment of the specific course, including passing the exam, at the Department or School of the host university. The course recognition is made with a grade and credits (ECTS) corresponding to the Department of Agriculture's curriculum. The student's detailed transcript, showing the course grade, and the course description for which recognition is requested, should be attached to this request to the School of Agriculture's Secretariat.

c) The "full course description" of a course at the Department or School of the Host University, for which an Erasmus student requests recognition in the home institution, is decided/determined by the Professor of the course at the Department of Agriculture of the home institution. The Professor specifies on the certificate of studies the title of the course, the credit units, the grade, and signs it along with the monograph next to the grade. The completed certificate of recognition is signed by the Academic Coordinator and the Secretary of the Department. Finally, after the grades are registered by the Secretariat, the certificate of recognition is forwarded by the student to the Department of International and European Relations of the home institution.

Students who have moved for Internship to partner institutions and organizations abroad under the Erasmus+ program are able to recognize their entire 6-month duration Internship or part of it, according to the Internship Regulation of the School of Agriculture that is in force.

5.4 Course declaration- Renewal of registration

In the beginning of each semester, the student submits an electronic course declaration, which includes the courses of the Undergraduate Study Program (USP) that they wish to attend and be examined on during that specific semester. Course declarations are submitted within a deadline of twenty (20) days, the start of which is announced by the Secretary's Office, following a decision by the Department Assembly. The course declaration also serves as enrollment for the semester. If the above-mentioned declarations are not submitted, the student is excluded from participating in the examinations.

For the student's participation in the resit examination period of each academic year (September), no separate declaration is required, and the student is entitled to be examined in all the courses they had selected through their previous registrations in the two semesters of that academic year, provided they had failed or not been examined in those courses.

• The student can declare up to 42 ECTS credits.

• For students in their 11th semester and above, following a relevant decision by the Assembly, they can choose courses in the winter semester that the Undergraduate Study Program (USP) offers only in the spring semester and vice versa.

• Students in this category can declare unlimited ECTS credits.

5.5 Academic ID - Student ID

Since 24/09/2012, undergraduate, postgraduate, and doctoral students from all universities in the country can electronically submit their application for the issuance of an academic ID on the website:

Electronic Service for Acquiring Academic ID - Information_Portal (minedu.gov.gr)

5.6 Teaching Materials

The educational process is supported by the corresponding textbooks, which are provided free of charge to students through the electronic coursebook management service "EUDOXUS." After the electronically declaration of courses each semester, every student also declares the corresponding coursebooks through the online portal of the "EUDOXUS" system (http://eudoxus.gr/), indicating the textbooks they wish to receive.

To make the coursebook declaration, students need the access codes (username and password) provided by the Department's Secretariat, which are also used for other electronic services of the institution. The student accesses a central website of the Central Information System (CIS), where their authentication takes place. There, they can find information about the approved coursebooks for their department's courses and select the ones they are entitled to (one textbook per declared course). The instructor of each course has already recommended one or more coursebook s suitable for studying the course.

Subsequently, the student receives an SMS and an email immediately from the CIS with the Personal Identification Number (PIN) to collect the chosen coursebooks. They can collect them either from the University Bookstore in the Serres, Kavala, or Thessaloniki campuses, or from another affiliated bookstore that will be indicated to them, or through any other procedure determined by the Ministry of Education and the "EUDOXUS" service (e.g., through courier services). Coursebook collection takes place during business days and hours, upon presentation of the student's identification card.

5.7 Course of Study

The Department of Agriculture at I.H.U. aims to promote the development and dissemination of knowledge in technological and scientific fields related to Agricultural Economics, Animal

Production, Plant Production, and the overall development of the agricultural sector through teaching and applied research. The department provides students with the necessary tools to ensure their sound scientific and professional training.

The undergraduate program of the Department of Agriculture operates with three (3) divisions:

- a) Agricultural Economics and Entrepreneurship,
- b) Animal Science,
- c) Crop Production.

The course structure is common for all students up to the 4th semester (Core Program). Afterward, students are required to choose one of the three (3) offered Specialization Programs. The undergraduate program varies depending on the chosen division. The available Specialization Programs are as follows:

- a) Agricultural Economics and Entrepreneurship,
- b) Animal Science,
- c) Crop Production.

The undergraduate program of the Department of Agriculture consists of a total of fifty-eight (58) courses, of which forty-six (46) are compulsory (C) and twelve (12) are compulsory electives (CE), including a Diploma Thesis (DT) and Practical Training (PT).

Out of the total fifty-eight (58) courses, twenty-eight (28) are taught in the first four (4) semesters (1st to 4th semester, Core Program), and they are common to all students. Among these, twenty-five (25) courses are compulsory (C) and three (3) are compulsory electives (CE).

The remaining thirty (30) courses are taught in the following five (5) semesters (5th to 9th semester, Specialization Program) and depend on the chosen specialization. Among these, twenty-one (21) courses are compulsory (C) and nine (9) are compulsory electives (CE).

Additionally, depending on the chosen division, students are required to complete a Diploma Thesis (DT) in the 9th and 10th semesters and undertake a 6-month Practical Training (PT) in the 10th semester.

The division of Agricultural Economics and Entrepreneurship (AOE) covers the field of knowledge related to the economics of agricultural activities in both crop and animal production, as well as the organization and management of agricultural enterprises and businesses in the rural sector. It also includes any activity that directly or indirectly contributes to the competitiveness and development of the agricultural sector, as well as the improvement of rural quality of life. Graduates of the department specializing in Agricultural Economics and Entrepreneurship are equipped to:

1. Understand and address the economic problems that arise from agricultural activities.

2. Use theories of administrative decision-making and apply modern methods of organization, management, and control in agricultural enterprises.

3. Evaluate the economic viability of agricultural operations, calculate the production costs of all agricultural products, and develop restructuring programs for crop improvement in a rural enterprise with the aim of enhancing their economic efficiency.

4. Prepare and evaluate agricultural economic development studies.

5. Understand the specific physical, structural, and economic characteristics of agriculture that influence the formulation and implementation of agricultural policies, and be familiar with the European Union's Common Agricultural Policy.

6. Interpret and handle key issues in marketing agricultural products (standardization, labeling, packaging, processing, storage, transportation, market research, advertising, sales), apply updated marketing research methodologies, analyze consumer behavior, and implement marketing strategies.

7. Recognize and implement the basic principles related to the concepts of Management and Quality Management in the production and distribution of agricultural products and food.

8. Apply various methods of financing in establishing and developing an agricultural enterprise, implement techniques and methods for evaluating agricultural investments, and incorporate the financing and evaluation process into the overall planning and future economic sustainability of a private or public investment in the agricultural sector.

9. Understand the basic concepts and principles related to alternative forms of rural tourism developed in the rural areas.

10. Implement appropriate policy measures for the management and protection of natural resources, analyze the mechanisms of environmental policy implementation within the framework of rural development, and utilize various tools to monitor and keep abreast of changes, developments, and transformations in environmental policy.

11. Evaluate management practices and protection policies of natural resources, and resolve related issues.

The Animal Production Science (APS) division covers the knowledge field of Animal Science and related scientific branches, with an emphasis on the application of modern technological methods in the breeding, nutrition, improvement, reproduction, and health primarily of farm animals, as well as companion animals. It also encompasses the methods of production, processing, and standardization of animal-derived products, animal feed, and input production. Graduates of the Department who have pursued the Animal Production Science specialization are able to:

1. Implement modern animal management methods in animal breeding.

2. Utilize all means of modern technology within the framework of precision livestock farming.

3. Apply both conventional and integrated animal production systems.

4. Comply with regulations and guidelines for the operation of livestock facilities, which promote animal welfare and the production of safe animal products.

5. Recognize the appropriate method of selection and reproduction for each case, and organize animal breeding programs including identification (pedigree records), phenotype evaluation, and performance control.

6. Implement reproductive management programs in farm animals by acquiring knowledge in the physiology of reproduction and the application of biotechnological methods such as the control of the reproductive cycle, the collection, assessment and processing of semen and the application of artificial insemination in the various species

7. Formulate rational diets for all animals.

8. Solve various animal management problems throughout the production process and contribute to the improvement of production, processing, quality, and safety of milk and its products.

9. Implement the HACCP system and proper hygiene practices in slaughterhouses, cutting labs, animal slaughter, meat processing, and storage methods.

10. Identify the causes of environmental pollution from animal production and solve related issues, including the utilization of agricultural and livestock waste in agricultural production processes and energy production.

11. Understand the basic principles of aquatic animal farming and their management, applying fundamental animal husbandry practices. Additionally, gain knowledge in fisheries and the management of fish stocks while comprehending the regulations of European legislation.

The Crop Production division covers the field of knowledge related to the science and technology of plant-based resources, the production of plant-based products, the exploitation, standardization, preservation, and marketing of these products, the production and distribution of agricultural inputs, as well as activities that contribute to the quality of life in rural and urban households, and the management, regeneration, and protection of urban, suburban, and rural environments. Graduates of the department who pursued the Crop Production specialization acquire the following specific skills:

1. Acquisition of basic knowledge related to the botanical characteristics (anatomy - morphology) and physiology of major cultivated plants, such as cereals, pulses, energy and industrial crops, aromatic and medicinal plants, cultivation methods applied to them, and post-harvest management of the produced products.

2. Acquisition of basic knowledge related to the botanical characteristics (anatomy - morphology) and physiology of fruit trees (deciduous, evergreen, small-fruited) and vines, cultivation methods applied to them, and post-harvest management of the produced products.

3. Acquisition of basic knowledge related to horticultural crops, including the production process of vegetables from seed stage to the final product, and specialized cultivation techniques of major vegetable crops grown in our country.

4. Understanding the basic principles, stages, and processes of certified seed production for varieties and hybrids, knowledge and application of methods for controlling and preserving the quality of the produced seed, knowledge of plant reproduction mechanisms based on flower morphology and modes of reproduction (sexual and asexual) in relation to the produced propagating material, and practical application of crossbreeding in agriculturally important species.

5. Identification and management of diseases and problems caused to plants, agricultural products, and humans by biotic factors such as insects, fungi, bacteria, viruses, and mites, as well as abiotic factors (e.g., heavy metals).

6. Recognition of the chemical composition and toxicology of agricultural chemicals (herbicides, fungicides, insecticides, etc.), ability to apply rational use of agricultural chemicals, knowledge of mechanisms for environmental protection from agricultural chemical residues, and their effects on non-target organisms.

7. Knowledge and ability to apply the principles of organic farming.

8. Knowledge of soil properties as a medium for plant growth, basic principles of fertilization, agricultural machinery, and irrigation and drainage systems, and the ability to apply rational management practices in soil and water resources.

9. Familiarity with plant species that can contribute to the transformation of the Greek landscape, accompanied by their basic characteristics, proper cultivation, and maintenance.

10. Acquisition of knowledge related to the principles, rules, and history of landscape architecture, and familiarity and application of (re)design processes for landscape projects.

11. Acquisition of basic knowledge regarding the functioning and use of agricultural machinery used in agriculture and animal husbandry, with safety and respect for the environment.

Learning Outcomes

The achievement of the desired learning outcomes of the new Undergraduate Program is supported by:

1. The continuous improvement of the educational process and the upgrade of the curriculum through student evaluations, where weaknesses are identified and areas for continuous improvement are highlighted.

2. The offering of level 7 courses (specialization/depth) to students, as provided in the new study program, in the three directions, and their obligation to complete a high-level dissertation and be evaluated on a specialized topic.

3. The integration of new technologies and modern teaching methods for students, in order to meet the requirements of Greek and international competition.

4. The strengthening of multiple bibliography institutions and access to bibliographic databases through the HEAL-Link link.

5. Connecting education with the needs of the primary sector, such as the application of modern cultivation systems (organic farming, integrated cultivation systems, precision agriculture, etc.) and animal husbandry, as well as with the secondary sector (processing, industrial units for agricultural products and food, etc.), so that the graduates of the Department can contribute to the development of Greece's agricultural economy.

6. Organizing teaching in a work environment through educational trips (industries, exemplary agricultural and livestock farms, animal breeding facilities, processing areas, slaughterhouses, etc.), collaborating with industry professionals to promote technologically new professional skills and entrepreneurial development.

7. Strengthening applied research among faculty members of the Department and other institutions. The Department of Agriculture collaborates with a large number of European and National Partner Institutions in undergraduate and postgraduate programs, as well as in joint research programs. Collaboration with foreign universities is enhanced through various programs (Erasmus) that promote the Department internationally. Besides, the achievement of the desired learning outcomes of the new Undergraduate Program is supported by attracting foreign students through Erasmus programs and by supporting students who wish to carry out their internships and parts of their dissertations in EU countries and beyond.

8. Utilizing the farm for the implementation of innovative production systems in the agricultural and livestock sector and connecting it with educational and research activities.

European Credit Transfer and Accumulation System (ECTS):

Each course in the Department's Study Program is characterized by a number of academic units.

ECTS credits represent the volume of learning based on defined learning outcomes and the associated workload. Sixty (60) ECTS credits are allocated to the learning outcomes and workload of a full academic year or its equivalent, which usually includes a number of educational units to which academic units are allocated (based on learning outcomes and workload). ECTS units are generally expressed in whole numbers.

ECTS is a student-centered system for accumulation and transfer of academic credits, based on the principle of transparency in learning, teaching, and evaluation processes. Its aim is to facilitate the design, implementation, and evaluation of study programs and student mobility, recognizing learning achievements, acquired qualifications, and periods of study. Learning outcomes are a statement of the knowledge, understanding, and skills acquired by the student upon completion of the educational process.

The achievement of learning outcomes should be assessed through procedures based on clear and transparent criteria. Learning outcomes are attributed to individual educational units and to study programs as a whole. They are also used in European and national qualification frameworks to describe individual qualification levels.

Workload is an estimate of the time typically required for a person to complete all learning activities, such as attending lectures, seminars, completing assignments, practical work, work placements, and individual study, necessary to achieve the defined learning outcomes in typical learning environments. The mapping of the full-time workload of an academic year to 60 ECTS credits is usually officially defined at the national level within a legal framework. In most cases, the workload ranges from 1,500 to 1,800 hours in an academic year, which means that one unit corresponds to 25 to 30 hours of work. However, it should be noted that this number represents the typical workload, and the actual time required to achieve the learning outcomes may vary for each student.

5.8 Examinations

Examinations are conducted exclusively after the completion of the teaching period of the winter or spring semester for the corresponding courses taught during those semesters, as defined in Article 2, paragraph 2 of the present regulations. Additionally, students are entitled to be examined on the courses they have declared for both semesters before the start of the winter semester, within the month of September.

The assessment of students' performance is carried out by the instructors of each respective course. The instructor may choose to organize written or oral examinations or rely on assignments assigned at the beginning of the semester and completed by the students before its end, while taking into account the needs of students with special requirements after examination of each case by the Department Assembly.

If a student fails three times in a course, they are examined upon their request and the decision of the Dean of the School of Geological Sciences, either in writing or orally, by a three-member committee of professors from the Department who have the same or related field of expertise, appointed by the Dean of the School. The instructor responsible for the examination is excluded from the committee. In case of failure, the student continues or discontinues their studies according to the terms and conditions determined by the I.H.U. Organization, including the maximum number of examination retakes for a course.

Specifically for written examinations, the following rules are mandatory:

1. The written examination for each course lasts up to two (2) hours unless otherwise decided by the Department Assembly.

2. The Department Assembly approves and the Department Secretariat is obliged to timely post on the respective website the unified schedule of written examinations for the semester, which must include, for each course, the examination date, start and end times, and the rooms where the examination will take place.

3. Participation in examinations is not allowed for students who have not properly declared the course to be examined in the course registration, as defined in Article 3, paragraph 1 of these regulations. Each examinee student must verify before attending the examination of each course that they have declared the course they wish to be examined on.

4. The designated invigilators check the official document of the Department proving the student status and certifying the identity of the examinee. Additionally, they ensure that no one leaves or exits the examination room before thirty minutes (30') have elapsed from the distribution of the exam papers.

5. The instructors determine the place and time for displaying the written exams to the interested students immediately after the announcement of the results. The students' written papers are kept under the responsibility of the instructor for one year from the examination date and then destroyed.

Course Grades:

1. Instructors are required to submit the results of the final examinations, both written and oral, to the Department Secretariat, in a unified table for each course, within a deadline set by the Department Assembly.

2. In all courses of the Undergraduate Program, the student's knowledge assessment is expressed numerically with grades ranging from zero (0) to ten (10), using fractional parts (whole number: X.0, or five tenths: X.5). In the result tables, failure is indicated with grades from zero (0) to four and five tenths (4.5), and success is indicated with grades from five (5) to ten (10).

3. During the grading process by the instructors, the student's request to be recorded as a failure is not taken into account in cases where they do not achieve the desired grade for themselves.

5.9 Bachelor / Diploma thesis

Studies at the Department of Agriculture of the International Hellenic University are completed with the submission of the Diploma Thesis. It is a comprehensive work in which the student combines the knowledge acquired from various academic fields within the Department. The preparation of the Diploma Thesis is crucial for consolidating the scientific knowledge acquired, as it involves a creative process through which the student delves into a specific scientific subject of interest. This process includes conducting a literature review on the specific subject, research, documenting the results, and ultimately publicly defending the Diploma Thesis. It requires a systematic and scientific approach and equips the students with qualifications and skills that create conditions for a successful professional career in the field of agricultural sciences.

The preparation of the Diploma Thesis is regulated by the internal Regulations of IHU (Government Gazette B' 4889/06-11-2020):

- The preparation of the Diploma Thesis is included in the Undergraduate Study Program of the Department, where the number of Teaching Units (TU, ECTS) is determined (Article 16, paragraph 3).

- The process and requirements for the preparation and evaluation of the Diploma Thesis are regulated by decisions of the Department Assembly (Article 18, paragraph 9).

The number of credit units (TU, ECTS) of the Diploma Thesis, as well as their distribution over semesters, are determined by a decision of the Department Assembly (Article 19, paragraph 3).
The Diploma Thesis is graded independently (Article 24A, paragraph 2).

The grading of the Diploma Thesis is attributed to the holders of a bachelor's degree/diploma of the first cycle of studies of the International University of Greece, according to the Appendix of the Diploma (Article 20, paragraph 1.1, section II).

Ethical and ethical committee matters are examined by the Ethics and Research Ethics Committee upon request or complaint by interested parties (Article 99, paragraph 11.3, section b).

5.10.1. The Procedure for Assignment and Undertaking of Diploma Thesis

The completion of the Diploma Thesis (hereinafter referred to as DT) is mandatory for the completion of studies in the Department of Agriculture, and its subject falls within the fields of agricultural science. Students who have completed the 8th regular semester of their studies and have passed 2/3 of the courses in the Study Program, including specialization courses related to the subject of the DT, have the right to undertake a Diploma Thesis.

The DT is prepared in the subject area of the student's specialization and is recommended to be individual. It can also be a group project (two individuals), but in this case, it will have increased requirements and obligations compared to an individual DT. It should be noted that in a group DT, both members of the group should be capable of defending the entire work equally well.

The duration of the DT Is defined as a period of two semesters (9th and 10th semester of the Study Program), with the possibility of an extension for one semester, and it is completed by the presentation/defense by the student.

The DT Is evaluated independently and is equivalent to 30 Teaching Units (TU – ECTS) (10 ECTS in the 9th Semester of Studies and 20 ECTS in the 10th Semester of Studies). At the end of the 9th semester, the student is required to submit the first part of the DT (literature review and proposed research methodology) to the supervisor, and at the end of the following semester, they are required to complete the DT.

The language of writing and examination of the DT is Greek, with the translation of the title and the abstract into the English language. By justified decision of the Assembly, in cases of necessity and/or objective difficulties, the language of the text may be English.

5.10.2 Advisors / Thesis Supervisors

Supervisors/advisors of a DT can be any members of the Academic Staff of the Department (faculty members, teaching staff members with a doctoral degree, as well as scientific collaborators of the Department). Each advisor has the right to supervise five (5) DTs per academic semester, but this number may be modified according to the needs of the Department. In cases of specialization overload, an advisor from another specialization may be assigned. Co-supervision of a DT is defined as half of a DT.

The DT Is an educational activity, and its supervision is recognized as a teaching task.

In the case of co-supervision, two members of the Academic Staff from the same or different specializations within the Department may participate. Additionally, collaboration can exist between a member of the Academic Staff of the Department of Agriculture and a member of the Academic Staff from another Department of the same University or another University, or with researchers from within or outside the institution, with relevance to the subject of the DT.

5.10.3 Submission of Diploma Thesis topics

The topics of the DTs are proposed by the advisors and are posted on the Department's website at the beginning of each academic semester. In the case where a topic spans two different scientific fields, it is possible for it to be proposed by two members of the Academic Staff, provided that they judge that each of them will supervise different and complementary parts of the DT.

5.10.4 Assignment / Undertaking of Diploma Thesis

Within a period of three weeks from the posting of the DT topics on the Department's website, students who wish to undertake a DT are invited to contact the instructor who has proposed the topic they are interested in. It should be noted that students have the right to propose a DT topic to the instructor in their corresponding field of knowledge before the topics are posted, so that the instructor, if they agree, can include the topic among those proposed for posting.

The assignment of the DT is made only with the consent of the instructor who has proposed the topic. The official assignment/acceptance is made by submitting the DT Assignment/Acceptance Form (Form 1) to the Department's Office, co-signed by the student and the supervising professor, who is referred to as the "supervising professor" from then on. The student is required to complete all personal information on Form 1 before it is signed by the supervising professor. Subsequently, the form is submitted to the Department's Office by the student and filed in their personal folder

The start date of the DT is the date of submission of Form 1 to the Department's Office. The duration of the DT cannot be less than two semesters and cannot exceed three semesters. An extension beyond three semesters can only be granted in exceptional cases, and only for one semester, upon the student's request explaining the reasons, and with the consent of the supervising professor. In case the student has not completed their work within the designated period, the assignment of the DT is canceled, and the student enters the process of selecting a new topic for the following semester, following the entire aforementioned procedure once again.

5.10.5 Thesis supervision

The Diploma Thesis is developed through continuous communication, collaboration, and feedback from the supervising professor, but it is the responsibility of the student.

The supervising professor interacts with the student throughout the entire process of the Diploma Thesis, which is crucial for its quality. They serve as the student's advisor and catalyst in case any problems arise. Additionally, they act as the guide and supportive factor that assists the student in completing the Diploma Thesis. They encourage the student, provide advice and comments, make observations, and offer suggestions.

The collaboration begins immediately after the assignment/undertaking of the Diploma Thesis, where the student is required to submit to the supervising professor a text of approximately 1000 words within a month. This text should include: an initial literature review of the topic, the purpose, the research questions, and the methodology of the work, accompanied by the timetable for the completion of the Diploma Thesis. The aforementioned take their final form with the help of the supervisor, who records them in the student's folder in their personal file.

Subsequently, the student is obliged to inform the supervising professor at regular intervals (at least once every two months) about the progress of their research and deliver progressive sections of the work for correction. Submitting the completed Diploma Thesis once is

considered unacceptable, especially if it happens a few days before the submission deadline. The lack of continuous collaboration with the supervising professor is taken seriously into account during the final evaluation of the Diploma Thesis.

The supervising professor sets specific days and hours in their schedule when they are available for collaboration with the students they are supervising for their Diploma Theses. Additionally, collaboration can also take place electronically.

5.10.6 Change of Supervising Professor or Subject, Interruption of Diploma Thesis

During the completion of the thesis, various reasons may arise that prevent its progress or completion. These reasons may be related to the supervisor as well as the student.

Case 1: The supervisor is unable to continue supervising the work due to reasons such as retirement, educational leave, etc. In this case, upon the supervisor's request, the Department Assembly assigns another faculty member of the Department, with the same or related scientific subject, to continue supervising the thesis.

Case 2: The student determines that they cannot meet the requirements of the assigned thesis topic and wishes to change the thesis topic while keeping the same supervisor. After consultation with the supervisor, the student submits the "Application for Change of Thesis Topic" (Form 4) to the Department's Secretariat, stating the reasons for the request and specifying the new topic. The application should be signed by the supervisor.

Case 3: The student decides that they cannot continue working with the assigned supervisor. In this case, the student submits the "Application for Thesis Cancellation" (Form 5) to the Department's Secretariat, explaining the reasons for the request. The application should be signed by the supervisor. Subsequently, the student starts the process of assigning/undertaking a new thesis from the beginning.

Case 4: The supervisor requests the cancellation of supervision for the thesis due to the student's unsatisfactory performance or inconsistency. In this case, the supervisor submits the "Application for Thesis Supervision Cancellation" (Form 6) to the Department's Secretariat, with notification to the student, explaining the reasons. Subsequently, the student starts the process of assigning/undertaking a new thesis with another supervisor.

In all the above cases, the student's file is updated in the Department's Secretariat with the corresponding forms: the Minutes of the Department Assembly for Case 1, the Application for Change of Thesis Topic for Case 2, the Application for Thesis Cancellation for Case 3, and the Application for Thesis Supervision Cancellation for Case 4.

5.10.7 Thesis Presentation / Support And Evaluation Process

After completing the thesis, the student, with the approval of the supervisor, can request its presentation and defense for evaluation. For this purpose, the student completes and submits the "Application for Thesis Presentation and Evaluation" (Form 3) to the Department's Secretariat. The application is co-signed by the supervisor, who specifies the members of the Thesis Evaluation Committee recommended on the form. The same form includes the date of the thesis presentation/defense, which is immediately after the department's designated date

for thesis presentations/defenses, as determined by the Department. Finally, the application is countersigned by the Department Chair.

The title of the submitted thesis may be slightly modified compared to the initial title declared at the beginning, but it must still fall within the same knowledge domain.

5.10.8 Presentation / Diplomatic Thesis Support

The Thesis Evaluation Committee consists of three members, including the supervisor (advisor) and two faculty members from the same or related field of study as the thesis under examination.

After the formation of the three-member Committee, the student is required to submit a copy of the thesis in digital and/or printed format (if requested) to the supervisor and the other two members of the Evaluation Committee at least one week before the date of the thesis presentation/defense.

Thesis presentations/defenses take place four times per academic year. Specifically, on the first Thursday of October, the first Thursday of December, the first Thursday of March, and the first Thursday of May. One week in advance, the Department's Secretariat announces the schedule of presentations/defenses on the Department's website. The presentations/defenses are held in locations designated by the Department.

The thesis presentation/defense is conducted in Greek before the three-member Evaluation Committee, except in cases mentioned in 3.1. The presentation/defense is oral and public, and it can be attended by faculty members of the Department, students, as well as visitors.

The process of thesis presentation/defense includes two phases. In the first phase, which lasts up to 20 minutes, the student presents/defends their work using mandatory digital tools (Ms Power Point) and optionally other visual aids (photos, videos, etc.).

In the second phase, the members of the Evaluation Committee ask the student clarifying or other questions that the student must answer. The purpose of these questions is to clarify points of the thesis that were not covered during the presentation and to examine the student's understanding of the topic. If deemed necessary, the Evaluation Committee may make suggestions for corrections or improvements to the thesis.

5.10.9 Thesis Evaluation

After the completion of the presentation/defense of the thesis, the student and the audience are asked to leave the presentation venue so that the Committee can evaluate the thesis.

During the evaluation, the Committee takes into consideration the following:

- The content of the thesis, based on the originality of the topic, the use of literature, the application of scientific methodology, the derivation of conclusions, and the documentation of the conclusions and positions.

- The format of the thesis, including adherence to writing rules, spelling and grammar, the flow and clarity of the text, and the logical progression of the topics addressed.

- The presentation/defense of the thesis, considering the use of visual aids, adherence to the presentation time limit (20 minutes), and the quality of responses to the committee's questions.

After the committee meeting, each member of the Evaluation Committee completes and signs the Thesis Evaluation Report (Form 3) and determines whether the thesis requires corrections/improvements or not. Subsequently, the supervisor fills out the Thesis Evaluation Report (Form 3), which includes the average grade given by the three committee members and whether corrections/improvements are necessary. The Committee invites the student back to the room and informs them of the evaluation result of the thesis: the grade (average) and whether corrections/improvements are required or not. In the latter case, the committee members provide the student with written suggestions for corrections/improvements

5.10.10 Topic and Scope of Thesis

The topic of the Diploma Thesis is recommended to be research-oriented. This means that the student should undertake the conduct of an empirical research (experiment, study using quantitative or qualitative methods, processing and analysis of secondary data). Literature reviews are not recommended unless they concern a subject of particular scientific interest with a rich and diverse bibliography that needs to be thoroughly explored.

The length of the Diploma Thesis should not be less than 20,000 words (excluding Bibliography and Appendices). The text may include tables, graphs, figures, and/or photographs, depending on the requirements of your paper.

Formatting instructions for the thesis can be found on the department's website (available here).

5.11 Work placement/Internship

The Department has developed a network of connections with public, social, cultural, or productive entities in order to provide practical training for students. A file of businesses and services has been created, which can employ students from the Department. This file is constantly updated and enriched, including a wide range of activities.

The implementation of practical training aims at applying the knowledge acquired from the theoretical and laboratory parts of the courses while also serving as a criterion for confirming the suitability of the undergraduate study program. Students in the Department continue their education in real conditions, acquiring the ability to apply, consolidate, and develop their knowledge. The results of the implementation of practical exercises are deemed satisfactory, as evidenced by the «practice logbooks» where students are assigned tasks relevant to their studies, which they successfully complete. This is also confirmed by the comments of employers and/or evaluation reports from supervisors of practical training. It is worth noting that some students in the Department remain in their positions after the completion of their practical training, securing immediate professional placement.

There is close cooperation and communication between the educators/supervisors of the Department and representatives of the entities offering practical training, which strengthens the Department's connection with society. The supervisors of practical training visit the training sites (or communicate by phone), gather information about the students' employment assignments, monitor their performance, and collaborate in resolving potential issues, both with the students themselves and with the responsible personnel of the businesses and services.

The Department participates in an Institutional Internship Program co-financed by the European Union (ESPA), supporting students' internships primarily in private sector entities and secondarily in the public sector. The internship office provides advisory assistance to interested students.

5.12 Degree Degree – Declaration of a graduate

The grading follows a ten-point scale as follows: 8.5 – 10: Excellent 6.5 – 8.49: Very Good 5 – 6.49: Good

For the successful completion of a course, the grade should be 5 or higher.

To obtain a degree, students must successfully complete all the requirements of the study program. The student becomes a graduate upon completing their studies, even before receiving the official document certifying their degree. The date of degree acquisition is common for students of the Department who complete their studies in the same examination period. Specifically, the date of degree acquisition is considered to be the common expiration date of the process of finalizing the grades for all courses in the same examination period. This date is determined by a decision of the Assembly of the respective Department, regardless of the date of the graduation ceremony.

5.13 Graduation Certificate - Detailed Transcript - Diploma Appendix

Certificate of Graduation

Once students have completed their studies, they must submit a graduation application to the Secretariat in order to verify that the student has fulfilled their obligations and that there are no pending matters with the University Services. Immediately after, the Secretariat will proceed with the issuance of the student's degree.

Detailed Transcript

Students have the option to request their detailed transcript by submitting an application to the Department's Secretariat. It includes a list of the courses the student has taken and the detailed grades for each course.

Diploma Supplement

After completing their studies and receiving their degree, graduates can request a Diploma Supplement by submitting an application to the Department's Secretariat. The Diploma Supplement is an official document that accompanies the degree and provides standardized information about the type, level, content, and status of the completed studies. The purpose of the Diploma Supplement is to assist in the recognition of academic qualifications, helping graduates ensure that their degrees are recognized by higher education institutions, public authorities, and employers both in their own country and abroad. The Diploma Supplement provides information regarding:

- The holder of the degree
- The type of degree and the institution that awarded it
- The level of the degree
- The content of the study program and the achieved results
- Further opportunities offered by the degree
- Certification of the supplement
- The national higher education system that issued the degree
- Other relevant details

The Diploma Supplement is provided free of charge in Greek and English.

5.14 Digital Skills Certification

The Department of Agriculture does not provide a Certificate of Digital Skills.

6. Academic Staff

6.1 Academic Staff of the department of Agriculture

The personnel of the Department of Agriculture is divided into Teaching and Educational Staff (T.E.S.), Special Technical Scientific Staff (S.T.S.S.), Laboratory Teaching Staff (L.T.S.), and Administrative Staff (A.S.) with respective responsibilities. The Department of Agriculture is staffed with 26 T.E.S. members, 3 L.T.S. members, and 3 S.T.S. members.

T.E.S. members are categorized into four ranks: Professors, Associate Professors, Assistant Professors, and Lecturers, while their teaching work is supported by L.T.S. and S.T.S. members. Additionally, the educational work of the Department is supported by extraordinary educational personnel, consisting of Scientific Associates, Laboratory Associates, and Academic Scholars.

TABLE of the Academic STAFF					
A/A	FULL NAME	TITLE	SUBJECT AREA/ SPECIALTY		
1.	Angelopoulos Stamatis	Professor	Agr. Economy & Entrepreneurship		
2.	Avdikos Ilias	Assistant Professor	Plant Production		
3.	Giannakoula Anastasia	Associate Professor	Plant Production		
4.	Dimas Kitsios	Professor	Plant Production		
5.	Dimitriadis Christos	Assistant Professor	Plant Production		
6.	Kontogeorgos Achilleas	Associate Professor	Agr. Economy & Entrepreneurship		
7.	KountiosGeorgos	Assistant Professor	Agr. Economy & Entrepreneurship		
8.	Kousenidis Konstantinos	Assistant Professor	Swine Husbandry (Animal Science)		
9.	KoutsouStavriani	Professor	Agr. Economy & Entrepreneurship		
10.	Kyritsi Stavroula	Assistant Professor	Animal Husbandry - Ichthyology		
11.	Konstantinou Maria	Professor	Plant Production		
12.	Lymberopoulos Aristotelis	Professor	Farm Animal Reproduction		
13.	Mazaraki Kyriaki	Assistant Professor	Animal microbiology		
14.	Mitsopoulos Ioannis	Professor	General Animal Husbandry		
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15.	Bampidis Vasilios	Professor	Animal Husbandry- Nutrition		
16.	Ninou Elisavet	Assistant Professor	Plant Production		
17.	Notta Ourania	Professor	Agr. Economy & Entrepreneurship		
18.	Papadopoulou Smaragdi	Professor	Plant Production		
19.	Pavloudi Alexandra	Associate Professor	Agr. Economy & Entrepreneurship		
20.	Skapetas Vasilios	Professor	Animal Production Science		
21.	Stefanou Stefanos	Associate Professor	Plant Production		
22.	Teloglou Ilias	Associate Professor	Plant Production		
23.	Tzikas Zisis	Assistant Professor	Animal Production Science		
24.	Tsiouni Maria	Assistant Professor	Agr. Economy & Entrepreneurship		
25.	Founta Anastasia	Professor	Animal Parasitology		
26.	Hatziplis Dimitrios	Professor	Farm Animal Genetics		

	Emeritus Professor											
A/ A	FULL NAME	TITLE	SUBJECT AREA/ SPECIALTY									
1.	Tabakis Nikolaos	Emeritus Professor	Mathematics									
2.	Zoumakis Nikolaos	Emeritus Professor	Atmospheric and environmentalphysics									

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TABL	TABLE of the Special Technical Laboratory Staff (E.TE.P.), Special Teaching Laboratory Staff (E.D.I.P.)									
A/A	FULL NAME	TITLE	SUBJECT AREA/ SPECIALTY							

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1.	Vassiliadis Konstantinos	E.TE.P.	Animal Science
2.	Gatsis Thomas	E.D.I.P.	Plant Production
3.	Georgiadis Georgos	E.TE.P.	Animal Science
4.	Kalentzi Eleni	E.D.I.P.	Agr. Economy & Entrepreneurship
5.	Polyzou Euaggelia	E.D.I.P.	Architecture Landscape
6.	Tsanaktsidou Agapi	E.TE.P.	Plant Production

	TABLE of the ADMINISTRATIVE STAFF									
A/A	FULL NAME	TITLE								
1.	Karageorgiou Eustathia	Head of the Secretariat								
2.	Pitsani Petroula	Sectretary								
3.	Profeta Sofia	Sectretary								

Department of Agriculture Adress: Alexandria Campus of IHU, Thessaloniki, ZIPCode. 57400

Tel.: 2310013862, 231001386 e-mail: info@agro.ihu.gr URL: https://agro.ihu.gr/

6.2 Administration/Secretariat Office: Duties and working hours

The Department's Secretariat is responsible for student and administrative matters. Student services are available on all working days from 11:00 am to 1:00 pm at the Department's Secretariat offices located in the Alexandria Campus.

Student matters include:

- Student registrations

- Maintenance of student records, including grades, registration renewals each semester, and scholarship information

- Issuance of certificates and diplomas

- Issuance of various documents required for student internships

- Preparation of student status reports based on their chosen courses

- De-registration of students who have two consecutive non-renewals of registration or three non-consecutive non-renewals of registration.

Regarding the registration of first-year students, transfers, and admissions to the Department of Agriculture of IHU, the following rules apply:

Unfortunately, the specific rules regarding the registration of first-year students, transfers, and admissions to the Department of Agriculture of IHU were not provided. Please consult the relevant regulations or contact the Department's Secretariat for further information.]

Renewal of registrations and course selection are carried out through the Electronic Secretariat at the beginning of each semester, for a period of approximately fifteen (15) days. Each student is assigned a personal code by the Department's Secretariat, which they use to submit their course selections online.

After the Ministry of Education and Religious Affairs sends the lists of successful candidates in the National Examinations, a registration deadline is set for newly admitted students. This deadline is common for all universities in the country and is non-extendable, meaning that those who miss the deadline forfeit their right to register. The registrations for newly admitted students take place in September.

From November 1 to 15, relevant application forms are submitted for:

- Transfers for financial, social, health reasons, etc., as well as for the children of large families, unless otherwise specified by law.

- Enrolment of Higher Education Graduates, who succeeded in qualifying exams, held every year, at the beginning of December.

6.3 The Role of the Academic Advisor(Tutor)

The Department of Agriculture has established the institution of Academic Advisor (Tutor) for several years. Each year, upon a decision of the Department, a member of the teaching staff (faculty) is assigned as the academic advisor for each freshman student, to provide guidance on academic matters. The academic advisor informs the students about their role and invites them to an introductory meeting. The students are encouraged and required to regularly communicate with their academic advisor and discuss issues related to their studies.

Specifically, the Assembly of the Department of Agriculture assigns the duty of Study Advisor to the faculty members of the Department, no later than November 30th of each academic year, for each newly admitted student. The number of freshman students is evenly distributed among the faculty members, and the selection is made randomly. A student's Study Advisor remains the same throughout their studies. In the case of the Study Advisor's prolonged absence (e.g., educational leave, health issues, retirement), the Assembly assigns the students of that Study

Advisor to another faculty member. As for the admission of students with special needs or special categories who enroll in the Department at a later stage, the process is repeated after their registration is completed.

The Study Advisor is responsible for informing and advising the students on all of the following matters:

• Support for facilitating the transition of freshman students from secondary to tertiary education.

• Course content, participation in laboratories, utilization of departmental laboratory facilities, methods of performance evaluation in courses, encouraging students to participate in progress tests, quizzes, exercise series, and additional tutoring sessions to help students understand and successfully complete challenging courses, study methods, and recommended literature.

• Content of compulsory courses and elective courses, determining the optimal course selection while minimizing failure in exams, discussing with the student so that the course selection aligns with their personal interests, skills, and abilities.

- Discussion of examination results.
- Selection of thesis topics or other projects.
- Graduate studies (within the department, in Greece, and abroad).
- Professional prospects (opportunities in the public sector, private sector, freelance professions, employment abroad).
- Discussion of any issues that create obstacles in studies.
- Matters concerning instructors.

• Information regarding the services offered by the University to its students (student welfare, counseling services, career office, internship office, etc.).

The Study Advisor informs the Department Assembly in writing, completing the relevant predefined forms, about the progress of the institution and conveys to it any problems raised by students regarding the aforementioned matters. In his report, he may highlight dysfunctions or deficiencies that create issues for students and propose measures to address them. In exceptional cases and upon a documented request from the student or the Study Advisor, a new Study Advisor may be appointed.

The Study Advisor has a list of the students' email addresses assigned to him and communicates with them regarding their studies. Additionally, he announces on his personal website and the department's website a specific time for discussions with the students he advises. To make the meetings effective, both individual meetings with each student and group meetings on common interests are conducted. The first meeting (reception meeting) is recommended to be scheduled within the first month of the official start of the winter semester. Subsequent meetings will be determined by mutually agreed-upon dates. The President and members of the Department's

Student Affairs Committee should collaborate and support the Study Advisors in their work, taking into account their observations, suggestions, recommendations, and requests.

For the exercise of the provisions referred to in Articles 15 and 16, the legislation on the protection of students' personal data applies, as well as the obligation to maintain confidentiality, which continues even after the Study Advisor's duties have ended.

6.4 Evaluation of the Educational Process

The assessment of students is formed by a variety of combined methods, determined by the specificity of the scientific fields in each course. The assessment method for each course is communicated to the students from the beginning of the semester and is governed by the logic of criteria disclosure. In many cases, it is a combination of formative assessment processes that provide feedback. The principle of «transparency» is adopted at all stages of its implementation.

Specific assessment practices include assignment of tasks, in-class presentations, final written or oral exams, self-assessment, and peer assessment. In some cases, assessment is supported by a learning management system (Moodle).

The evaluation of courses by students is considered a parameter that contributes to the continuous improvement of the learning outcome. The process of course evaluation by students is organized every semester for all courses. The process takes place after the 8th week of classes, allowing students to form an opinion about the courses they are evaluating. Anonymous participation of students is ensured, and there is room for providing open-ended comments, which facilitates the detection of personalized approaches. The evaluation results are communicated to the instructor(s) after the end of the semester to avoid any potential biases.

Internal Evaluation is essentially a self-assessment process aimed at enabling the Department to form and articulate a critical opinion about the quality of its work. Its objective is to capture and highlight all the characteristics of the Department's functioning, both positive and negative, present its achievements, identify areas that need improvement, and determine improvement actions. The Internal Evaluation is conducted by the Internal Evaluation Team (IET), appointed by the Department. The coordination of the evaluation process carried out by the IET maintains regular communication with the Hellenic Authority for Higher Education Quality Assurance (HAQAA), which informs the IET about any changes from HAQAA standards, for example.

The evaluation of the undergraduate study program is implemented through a questionnaire prepared by the HAQAA of the Department. Statistical and interpretative processing of the research data follows. The IET is responsible for mediating and specifying the evaluation requirements, reminding of important deadlines, and encouraging Department members to motivate students to evaluate the courses they attend.

In the evaluation process of the Department and the study program, the IET regularly provides technical expertise regarding the technical aspects of identifying the evaluation results of the students. This process provides data to the instructors who take into account the results of their course evaluations, the grading distribution of their courses, as well as the comments of the students.

New undergraduate study programs must undergo periodic external evaluation by committees of experts appointed by the Hellenic Authority for Higher Education Quality Assurance (HAQAA), with the aim of their accreditation. The results of the external evaluation and accreditation are utilized for the continuous improvement of Institutions, academic units, and study programs. The duration of accreditation is determined by the HAQAA. After the external evaluation of the study program, the department plans how to utilize future recommendations. Initially, the IET processes the external evaluation report, then identifies the key observations of the report in order to record the necessary actions to address them. Subsequently, the IET presents its recommendations to the Department Assembly, which critically receives, discusses, and develops the comments resulting from the above process, and makes decisions regarding the implementation of specific measures to address the recommendations of the external evaluation.

7. FACILITIES

The Department of Agriculture offers facilities that include classrooms, laboratories, research laboratories, student workshops, reading rooms, and the Farm.

These facilities are utilized for the educational needs of both undergraduate students in the core curriculum (1st and 2nd year) and the three specializations (3rd, 4th, and 5th year) in Agricultural Economics and Entrepreneurship, Animal Production Science, and Crop Production. They are also used for the practical training of graduating students of the Department and for the research needs of faculty members.

7.1 Laboratory Spaces and Equipment

The Department has a total of 32 laboratories, which are located in three different buildings or spaces: the Main Building, the Animal Production Science Building, and the Farm. Specifically:

Division laboratories in Agricultural Economics and Entrepreneurship:

- Computers & Multimedia (Main Building): Capacity of 30 people, equipped with 20 computers, scanners, a network color printer, a high-resolution projector, a digital camera, internet connection, color television, video, DVD, projection screens, interactive touch panel, etc.

- Spreadsheets & Databases (Formerly: Computer Lab II) (Main Building): Capacity of 30 people, equipped with 15 computers, scanners, a network color printer, a high-resolution projector, a digital camera, internet connection, color television, video, DVD, network photocopier, closed-circuit wireless camera system, interactive touch panel, etc.

- Agricultural Accounting (Main Building): Capacity of 20 people, equipped with 15 computers.

- Agricultural Applications (Main Building): Capacity of 30 people, equipped with 1 computer and a projector.

The laboratories of the Animal Science division include:

- Animal Anatomy (Main Building).

- Animal Parasitology (Main Building).

- Meat Technology and Inspection in Livestock Production (Main Building).

- Animal Nutrition (Animal Production Science Building).

- Animal Microbiology and Infectious Animal Diseases (Animal Production Science Building).

- Biometrics and Livestock Farm Management (Animal Production Science Building), equipped with 17 computers with internet access.

- Informatics (Animal Production Science Building), equipped with 20 computers with internet access.

- Small Ruminant Farming (Farm), with necessary spaces for animal breeding according to their physiological condition, a modern milking parlor, a pharmacy, a classroom, 50 goats, and 50 sheep.

- Cattle Farming (Farm), with a cattle shed, a modern milking parlor, 20 cattle, and a fully equipped classroom.

- Dairy Science (Farm), recently installed in a new building.

- Animal Pathology (Farm).

- Poultry Farming, Livestock Facilities, and Environmental Studies (Farm), with two multipurpose buildings covering an area of 600 m2, fully equipped, and 300 poultry.

Laboratory of Farm Animals Reproduction and Animal Breeding (Farm).

- Swine Farming (Farm), with a pigsty with 10 farrowing crates and a classroom.

The laboratories of the Plant Production Science division include:

- Soil Science and Soil Fertility (Main Building). It is equipped with 1 inductively coupled plasma optical emission spectrometer (ICP-OES), 1 muffle furnace, 2 crucibles, a deionized water device, 3 Bunsen burners, 1 soil suspension mixer, 1 vacuum pump and soil extract collection device, 1 soil washout apparatus, 2 drying devices for glass and plastic containers, 1 8-position centrifuge, 1 UV-Vis spectrophotometer, 1 Scheiblercalcimeter, 3 pH meters, 3 electrical conductivity meters (one portable), magnetic stirrers (regular and heated), 1 semi-automatic Kjeldahl apparatus (for nitrogen determination), 1 glassware sterilization device, electronic balances with three and two decimal places, 1 flame photometer, and 3 soil samplers.

- Entomology (Main Building). It is equipped with 21 microscopes, 25 stereoscopes, a micromanipulation system, 1 incubator, 2 computers, and a projector.

- Plant Pathology (Main Building). It is equipped with 3 growth chambers, 2 autoclaves, 2 flow cabinets, 1 precision balance, 1 heated stirrer, 1 stirrer, 1 inverted microscope, 2 refrigerators, 25 educational microscopes, and 1 computer.

- Field Crops (Main Building). It is equipped with Liquid Chromatography-Mass Spectrometry (LC-MS/MS), Near Infrared Spectrophotometer (NIR), Centesimal Weight Measurement System, 1000-grain Weight Measurement System, Seed Diameter Measurement System, a wide range of samplers, Seed Germination System, and Multi-Plate Fluorometer for Chlorophyll Fluorescence measurement.

The Laboratories of the Plant Production Department include:

1. Plant Physiology (Building of the Crop Science Department): Equipped with microscopes, stereoscopes, a seed germination chamber, visual aids (projector, computer), fluorescence measurement device, equipment for biochemical tissue analysis (spectrophotometer, pachymeter, water bath, refrigerated centrifuge, deionizer, dryer, climatic chamber, precision balances, etc.), and an electronic plant growth chamber under controlled conditions.

2. Viticulture (Farm): The laboratory activities mainly take place in the vineyard of the farm.

3. Floriculture (Farm): The laboratory activities mainly take place in the greenhouse of the farm.

4. Irrigation and Drainage (Farm): Equipped with an electronic lysimeter, automatic weather station, 15-bar pressure disc, portable instruments for soil moisture measurement (profilers), Bunsen burner, precision balance, electronic tensiometer, Guelph permeameter, Augerhole application toolbox, and a Doppler ultrasound device for flow velocity measurement.

5. Aromatic Plants (Farm).

6. Agriculture and Weed Science (Farm): Equipped with modern machinery for plant material shredding, homogenization, juicing, backpack sprayers, soil processing and plant protection systems, and modern agricultural tractors. The Weed Science and Plant Production Laboratories are directly connected to a modern glass greenhouse and a plastic greenhouse, along with two storage areas (controlled for pests) and irrigated experimental fields with a fully equipped meteorological station.

1. Agricultural Machinery (Farm): Equipped with three educational tractors, internal combustion engine cutaways, and functional components of agricultural tractors, soil processing machinery (plows, disc harrows, tillers, disc cultivators), seeding machines, lawn mowers, harvesting, mixing, and baling machines, as well as tools for maintenance and repairs.

2. Arboriculture (Farm): Equipped with simple stereomicroscopes, dendrometers, fruit pressure gauges, magnifying lenses, and an acidity measurement device for olive oil. The laboratory is directly connected to the Educational Orchards installed at the ATHE farm.

3. Vegetable Crops (Farm): The laboratory activities mainly take place in the greenhouse of the farm.

4. Postharvest Physiology and Handling of Horticultural Products (Farm): Equipped with three cooling chambers for fruit and plant material preservation, precision balance (Kern ALS 220-4), spectrophotometer (Jenway 6505 VIS/UV), automatic titrator (CrisonTitromatic), colorimeter (Minolta), DAMETER, gas chromatograph (Agilent), water bath (Raypa), three EFFEGI pressure gauges, digital saccharimeter, refrigerator.

7.2 Teaching Classrooms

The Department has a total of 27 classrooms, which are located in three different buildings or areas: the Main Building, the EZP Direction Building, and the Farm. Specifically:

For the Agricultural Engineering division, there are six (6) classrooms. One (1) classroom (206) with a capacity of 50 people equipped with computers and a projector (Main Building). Five (5) classrooms (202, 203, 204, 207, 211) with a capacity of 50 people each, equipped with computers, projectors, and air conditioning (Main Building).

For the EZP division, there are 15 classrooms available. Two (2) interconnected classrooms (19 and 20) equipped with computers, projectors, and air conditioning (EZP Direction Building). Three (3) classrooms within the following Laboratories: Biometrics, Nutrition, and Microbiology (EZP Direction Building). Two (2) classrooms (213, 312) within the following Laboratories: Informatics and Meat Technology (Main Building). Two (2) classrooms (212, 313) equipped with computers, projectors, and air conditioning (Main Building). Six (6) classrooms within the following Laboratories: Small Ruminant Farming, Cattle Farming, Dairy Farming, Poultry Farming, Laboratory of Farm Animals Reproduction and Animal Breeding, and Pig Farming (within the Farm area).

For the FP division, there are six (6) classrooms available. Five (5) theoretical classrooms (208, 209, 210, 212, 214) with a capacity of 50 people each, equipped with computers, projectors, and air conditioning (Main Building), and one (1) Computer Laboratory (205) equipped with 20 computers (Main Building).

7.3 E-Learning

The university is supported by an Information and Communication Technology (ICT) team that provides applications and services for staff and students, such as email, calendar, wireless connectivity, internet authentication, and hosting of Windows and Linux servers. It is backed by a front-line support helpline, self-help web pages, and personal training. It also provides infrastructure for advanced networking, remote computing, VPN connections, voice services, online teaching, and e-learning services.

7.4 Institutional Research Laboratories

The Department of Agriculture operates five established laboratories:

A. LABORATORY OF FARM ANIMAL REPRODUCTION AND ANIMAL BREEDING, headed by Professor Aristotelis Lymberopoulos (Decision No. DF 22.2/13582, Government Gazette 4285 B'/02.10.2020).

The Laboratory of Farm Animals Reproduction and Animal Breeding serves the educational and research needs in the fields of Reproduction and Breeding of Farm Animals. It is located within the Department of Agriculture at the Alexander University Campus-Sindos, where offices, theoretical and practical training spaces for students, and research facilities are situated. It is well equipped with three (3) Binocular Microscopes, Computer Assisted Semen Analyzer, Confocal Microscope, Semen Freezer, Heated plate, pH Meter, Balance, Osmometer, Immunofluorescence Microscope, CO₂ Oven, Laminar Flow Chamber, Semen Dose Maintenance Tanks and Nitrogen transfer Tanks

B. LABORATORY OF AGRIBIOTECHNOLOGY AND CONTROL OF AGRICULTURAL PRODUCTS, headed by Professor Dimitrios Chatziplis (Decision No. DF22.2/13485, Government Gazette 4103 B'/24-9-2020).

It is located in the central building and is an established research laboratory fully equipped with an Optical Microscope and Fluorescence Microscope, Gas Chromatography-Mass Spectrometry (GC-MS), Thin Layer Chromatography (TLC), Multiple Electrophoresis Systems for DNA, RNA, and protein analysis, Real-Time Polymerase Chain Reaction (PCR) devices, Automated DNA Sequencer, Multiple Spectrophotometers, Controlled Growth Chambers, 3 Fume Hoods, 4 Laminar Flow Hoods, 2 Sterilization Autoclaves, 1 Ice Maker, and more. The laboratory is capable of conducting applications across the entire spectrum of plant and animal production.

C. PRECISION LIVESTOCK FARMING AND INTEGRATED MANAGEMENT LABORATORY IN SWINE PRODUCTION, headed by Associate Professor Konstantinos Kousenidis (Decision No. DF22.2/13519, Government Gazette 4113 B'/24.09.2020).

The laboratory is located in the facilities of the swine farm at the Alexandria University Campus in Sindos. The purpose of establishing and operating the Precision Livestock Farming and Integrated Management Laboratory in Swine Production is as follows:

1. Development of research at the Department of Animal Production, in the scientific fields served by the Laboratory, and the dissemination of research findings to undergraduate and postgraduate students, the wider academic and research community in the field of Animal Production, and the livestock sector in general.

2. Promotion of collaboration among faculty members with related research interests, as well as collaboration among all the established laboratories of the Department, the School, and the Institute.

3. Creation of a stable research nucleus in the field of Precision Livestock Farming and Integrated Management in swine production, which will collaborate with other academic and research units, as well as the productive sector.

4. Accumulation of expertise and technical knowledge in its subject areas and dissemination to the students of the Department, the academic community, and the productive world.

5. Support for evaluation processes and quality improvement of the provided education in the Animal Production Direction of the Department of Agriculture, School of Geotechnical Sciences, International University of Greece (DI.PA.E).

D. LABORATORY OF AGRICULTURAL ECONOMIC RESEARCH AND DEVELOPMENT, headed by Professor Stavriani Koutsou (Decision No. DF22.2/13587, Government Gazette 4236 B'/30-9-2020).

The Laboratory of Agricultural Economic Research and Development is located in the main building and aims to develop research and technology, combined with applications that contribute to the development of the agricultural economy, through the fields of agricultural economics.

E. LABORATORY OF ENVIRONMENTAL MANAGEMENT AND PROTECTION FOR SUSTAINABLE AGRICULTURAL DEVELOPMENT, headed by Associate Professor Stefanos Stefanou (Decision No. 2.1/6760, Government Gazette 1951/ τ . B'/14-5-2021).

The laboratory serves educational and research needs in the fields of environmental management and protection in agriculture, with a focus on issues related to biotic and abiotic factors and their interactions within the agricultural ecosystem. It also focuses on the production, utilization, and management of bio-based materials derived from agricultural products.

The Laboratory of Environmental Management and Protection for Sustainable Agricultural Development is located on the ground floor of the Animal Production Building within the I.H.U. campus. It occupies the space previously used by the Agricultural Biotechnology Laboratory for theoretical and practical exercises for students and research activities. This space houses a portion of the laboratory's main equipment, which is used for research purposes. The rest of the equipment is located in the laboratories of Soil Science, Botany, Postharvest Physiology of Agricultural Products, and Agricultural Machinery, respectively, as well as in Rooms A1 and A2 of the Central Corridor.

7.5 Farm

The farm is located on the southeast side of the institution and borders the "ITHAKI" therapeutic community farm to the north, the right bank of the Gallikos River to the east, and the Thessaloniki-Athens National Highway to the south. It covers a total area of approximately 1,200 hectares, including various buildings and facilities. The utilization and infrastructure of the farm include:

Cultivated Areas:

- Large-scale crops (850 hectares)
- Orchards (40 hectares)
- Olive groves (25 hectares)
- Vineyard (8 hectares)

Greenhouses:

- One glass greenhouse with a total area of 5 hectares
- One plastic-covered greenhouse with an area of 1 hectare

Building Facilities:

- Sheepfold and two classrooms.
- Cattle pen and one classroom.
- Poultry farm and one classroom.
- Pig farm and one classroom.
- Dairy facility.

-Laboratory of Farm Animals Reproduction and Animal Breeding with a classroom and lab room

- Offices of the farm service.
- Three laboratory rooms (Agriculture, Weed Science, Aromatic Plants).
- Hay storage.
- Agricultural machinery shed.
- Agricultural machinery maintenance workshop.

Agricultural Machinery:

- Closed truck Mercedes Vito Diesel.

- Agricultural tractor Class Arion 130 HP.
- Agricultural tractor Valmet 105 HP.
- Agricultural tractor Fiat 70-66 65 HP.
- Agricultural tractor Fiat Orchard 65 HP.
- Agricultural tractor Fiat Vineyard 24 HP.
- Small loader (Bobcat type).
- Self-propelled Irrigator (Reel).
- Livestock waste tank.
- Seed drill machine with 24 rows.
- Hay baler (press).
- 20 other various accessories for soil processing and preparation machinery.

Irrigation Network:

The farm has a permanent underground irrigation network that serves the irrigation needs of 400 acres of land.

Other Facilities:

The building facilities of the farm are fully covered with an electricity, water, sewage, telephone, and internet network.

8. THE UNDERGRADUATE STUDY PROGRAM

The Undergraduate Study Program (USP) includes the title, type, and weekly teaching hours of each course, as they are structured over time. It is published annually on the Department's website.

The competent institutional body responsible for the preparation of the USP is the Department Assembly, which meets for this purpose every April. It proposes the Program to be implemented during the next academic year to the University Senate, with the concurring opinion of the School of Geotechnical Sciences, to which it belongs. The Program comes into effect only after its approval by the Foundation's Senate.

Categories of Courses:

The Undergraduate Study Program (USP) of the Department of Agriculture operates with three (3) divisions:

- a) Division of Agricultural Economics and Entrepreneurship (AEE),
- b) Division of Animal Science (AS), and
- c) Division of Plant Production (PP).

The structure of the courses is common for all students up to the 4th semester of studies (Core Program). Afterward, students are required to choose one of the three (3) Study Directions offered by the Department (Specialization Program). The USP differs depending on the chosen Study Direction. The offered Study Directions are as follows:

- a) Division of Agricultural Economics and Entrepreneurship (AEE),
- b) Division of Animal Science (AS), and
- c) Division of Plant Production (PP).

The USP of the Department of Agriculture includes a total of fifty-eight (58) courses, out of which forty-six (46) are mandatory (M), twelve (12) are compulsory electives (CE), including the Diploma Thesis (DT) and Practical Training (PT).

Out of the total of fifty-eight (58) courses, twenty-eight (28) are taught in the first four (4) semesters (1st to 4th semester, Core Program) and are common for all students. Among these, twenty-five (25) courses are mandatory (M), and three (3) are compulsory electives (CE).

The remaining thirty (30) courses are taught in the next five (5) semesters (5th to 9th semester, Study Direction Program) and vary according to the chosen Study Direction. Among these, twenty-one (21) courses are mandatory (M), and nine (9) are compulsory electives (CE).

Additionally, depending on the chosen Study Direction, students are required to complete a Diploma Thesis (DT) (9th and 10th semesters) and undertake a 6-month Practical Training (PT) (10th semester).

Undergraduate Study Program:

The course program of the Department of Agriculture is divided into:

- Core Courses = Semesters 1, 2, 3, and 4
- Specialization Courses = Semesters 5, 6, 7, 8, 9, and 10

There are three (3) Study Directions that students can choose from the 5th semester onwards:

- AEE = Agricultural Economics and Entrepreneurship
- AS = Animal Science
- PP = Plant Production

In total, students are required to successfully complete 56 courses (+ 2 Foreign Language courses) during their undergraduate studies. These courses are distributed as follows:

- Core Courses: 26 + 2 Foreign Language courses
- Specialization Courses: 30

Furthermore, the study program also includes the completion of a Diploma Thesis and the undertaking of Practical Training.

For the Undergraduate Study Program of the Department of Agriculture, the General Background Courses (MGY/Y) consist of 25 courses, which account for 43.1% of the total number of courses (58) that each student is required to attend. The Specialization Courses (MEY/EP) amount to 33 courses, representing 56.9% of the total (58). The specific elective courses that students can choose to attend are determined by a decision of the Department's Assembly, which includes student representatives. These courses are the theoretical part of a series of courses offered by the Departments of the School.

In the 2nd year of study, students are required to choose three (3) Elective Direction courses, one (1) from Elective 1 and two (2) from Elective 2. Students must select at least two (2) courses from their chosen direction and can choose one (1) course from another direction. Among the Elective Core Courses of the Spring Semester (Elective 2), students who will follow the Agricultural Economics and Entrepreneurship direction must compulsorily choose the course «Marketing of Agricultural Products,» while students in the Animal Science and Plant Production directions must compulsorily choose the course «Biochemistry.»

In the 3rd year of study (5th semester), students choose one of the three (3) available directions within the Department: a) Agricultural Economics and Entrepreneurship (AOE), b) Animal Science (EZP), and c) Plant Production (FP).

The distribution of categorized courses for each division is as follows:

Agricultural Economics and Entrepreneurship (AEE): 70% Mandatory Courses – 21 mandatory (M) courses, and 30% Elective Mandatory Courses – 9 elective mandatory (EM) courses (5 out of 23 courses in the 5th, 7th, and 9th semesters, and 4 out of 19 courses in the 6th and 8th semesters).

Animal Science (AS): 70% Mandatory Courses – 21 mandatory (M) courses, and 30% Elective Mandatory Courses – 9 elective mandatory (EM) courses (5 out of 14 courses in the 5th, 7th, and 9th semesters, and 4 out of 16 courses in the 6th and 8th semesters).

Plant Production (PP): 70% Mandatory Courses – 21 mandatory (M) courses, and 30% Elective Mandatory Courses – 9 elective mandatory (EM) courses (5 out of 13 courses in the 5th, 7th, and 9th semesters, and 4 out of 19 courses in the 6th and 8th semesters).

In the 3rd, 4th, and 5th year of studies, students are required to choose nine (9) elective mandatory courses, five (5) from Elective Group 3 and four (4) from Elective Group 4. Students must select at least six (6) courses from their chosen direction, and they can also choose three (3) courses from another direction within the Department or from another Department within the School. This provides graduates with a broad knowledge base that offers greater job flexibility in the complex and multifunctional context of agriculture and rural areas. It also helps students specialize according to their individual interests.

The courses in the curriculum of the Department of Agriculture's Postgraduate Program include various activities such as lectures, seminars, laboratory exercises, fieldwork, literature study and analysis, tutorials, internships, clinical exercises, interactive teaching, educational visits, project development, research paper writing, design projects, etc.

Evaluation of each course by the students takes place in every semester, providing indications for updating and indirect suggestions.

For more information visit our department's website <u>https://agro.ihu.gr/</u>

8.1 Brief presentation of Undergraduate Study Program

Table 1. Undergraduate Program in Agricultural Economics and Entrepreneurship (Compulsory: 46, Elective: 12, Total: 58)

				Seme	ster					ECT S
1°	2 °	3 °	4 °	5°	6°	7 °	8 °	9 °	10 °	
Applied Mathematics	Agricultura I Economics	Plant Anatomy Morpholo gy	Plant Physiology	Agricultural hydraulics	Irrigation and drainage methods	Industrial - Energy Plants	Aromatic – Medicinal Plants	Olive Culture		
Computer Science	Rural Sociology	Soil Fertility, Plant Nutrition and Fertilizers	Genetics	Plant Breeding	Agricultural Ecology	Introduction in PlantPatholog y	Plant Disease	Agrochemical s	Thesis- Practic	30
Chemistry	Agricultural Statistics	Animal Anatomy	Housing and Farm Manageme nt of Livestock Production	General Pomology	Weed Science	Viticulture	Seed Productio n	Floriculture – Landscape Architecture	е	
Principles of Economics	Microbiolo gy	Principles of Animal Nutrition	Agricultural Accounting	Legumes	Specialized Pomology	General Entomology	Applied Entomolo gy	ElectiveCours e3		

Introduction to Animal Husbandry	Soil Science	Agricultur al Policy	Animal physiology	VegetableCro ps	Research Methodology	ElectiveCours e3	Elective Course 4		
Principles of Agronomy	Agricultural Machinery	Elective Course 1	Elective Course 2	ElectiveCours e3	ElectiveCours e4	ElectiveCours e3	Elective Course4	Thesis	
Physics and Agrometeorolo gy	Foreign language 1*	Foreign language 2*	Elective Course 2	ElectiveCours e3	ElectiveCours e4	-	-	-	

* Compulsory for those who do not have a recognized degree in a foreign language.

General Foundation Courses / Core Courses

Specialized Foundation Courses / Scientific Field Courses

Table 2. Undergraduate Program in Animal production (Compulsory: 46, Elective: 12, Total: 58)

Semester										
1°	2 °	3°	4 °	5°	6°	7 °	8°	9°	10°	
AppliedMathematics	Agricultu ral Economi cs	PlantAnatomyM orphology	PlantPhysi ology	Agricultur al hydraulics	Irrigation and drainagemet hods	Industrial - Energy Plants	Aromatic - MedicinalPla nts	OliveCulture	Thes is-	20
Computer Science	RuralSoci ology	Soil Fertility, Plant Nutrition and Fertilizers	Genetics	PlantBree ding	Agricultural Ecology	Introduct ion in PlantPath ology	PlantDisease	Agrochemicals	Prac tice	30

Chemistry	Agricultu ral Statistics	AnimalAnatomy	Housing and Farm Manageme nt of Livestock Production	General Pomology	WeedScience	Viticultur e	SeedProduct ion	Floriculture – LandscapeArc hitecture	
Principles of Economics	Microbiol ogy	Principles of AnimalNutrition	Agricultura I Accounting	Legumes	SpecializedPo mology	General Entomolo gy	AppliedEnto mology	ElectiveCourse 3	
IntroductiontoAnima IHusbandry	SoilScien ce	Agricultural Policy	Animalphy siology	Vegetable Crops	Research Methodology	Elective Course 3	ElectiveCour se 4		
Principles of Agronomy	Agricultu ral Machiner y	ElectiveCourse 1	ElectiveCo urse 2	ElectiveC ourse 3	ElectiveCours e 4	ElectiveC ourse 3	ElectiveCour se 4	Thesis	
Physics and Agrometeorology	Foreign language 1*	Foreign language 2*	ElectiveCo urse 2	ElectiveC ourse 3	ElectiveCours e 4	-	_		

* Compulsory for those who do not have a recognized degree in a foreign language.

General Foundation Courses / Core Courses

Specialized Foundation Courses / Scientific Field Courses

Table 3. Undergraduate Program in Plant production (Compulsory: 46, Elective: 12, Total: 58)

			5	Semester						EC TS
1°	2 °	3°	4 °	5°	6°	7 °	8 °	9 °	10°	
AppliedMathematics	Agricultu ral Economic s	PlantAnatomyMo rphology	PlantPhysio logy	Agricultur al hydraulics	Irrigation and drainagem ethods	Industrial - Energy Plants	Aromatic - Medicinal Plants	OliveCulture		
Computer Science	RuralSoci ology	Soil Fertility, Plant Nutrition and Fertilizers	Genetics	Plant Breeding	Agricultural Ecology	Introducti on in PlantPath ology	PlantDisea se	Agrochemicals		
Chemistry	Agricultur al Statistics	AnimalAnatomy	Housing and Farm Manageme nt of Livestock Production	General Pomology	WeedScien ce	Viticultur e	SeedProd uction	Floriculture – LandscapeArch itecture	Thes is- Prac tice	30
Principles of Economics	Microbiol ogy	Principles of AnimalNutrition	Agricultural Accounting	Legumes	Specialized Pomology	General Entomolo gy	Applied Entomolo gy	ElectiveCourse 3		
IntroductiontoAnimal Husbandry	SoilScienc e	Agricultural Policy	Animalphys iology	Vegetable Crops	Research Methodolo gy	ElectiveC ourse 3	ElectiveCo urse 4	Thesis		

Principles of Agronomy	Agricultur al Machiner Y	ElectiveCourse 1	ElectiveCou rse 2	ElectiveCo urse 3	ElectiveCou rse 4	ElectiveC ourse 3	ElectiveCo urse 4		
Physics and Agrometeorology	Foreign language 1*	Foreign language 2*	ElectiveCou rse 2	ElectiveCo urse 3	ElectiveCou rse 4	-	-		

General Foundation Courses / Core Courses

Specialized Foundation Courses / Scientific Field Courses

Table 4. Elective courses

General Background	Electi ve	Agricultural Economics and Entrepreneurship	Electi ve	Animal Production	Electi ve	Plant Production	Electi ve
Agricultural Enterpreneurship	1	Agricultural Enterpreneurship	3	Fishing and FishingStock	3	Agricultural Enterpreneurship	3
Biology	1	Fishing and FishingStock	3	OrganicAnimalFarming	3	Agricultural Cooperatives	3
Farming systems in the world	1	Floriculture – LandscapeArchitecture	3	Industrial - Energy Plants	3	Biological (Organic) Agriculture	3
Management in Agricultural Machinery	1	Optimization of Agricultural Production	3	Agro-EconominProjects	3	PrecisionAgriculture	3
HorseHusbandry	1	Biological (Organic) Agriculture	3	AppliedMicrobiology	3	Agro-EconominProjects	3
Biochemistry	2	OrganicAnimalFarming	3	BreedingHuntingAnimals	3	Management in Agricultural Machinery	3
Agricultural Experimentation	2	PrecisionAgriculture	3	Rabbit and Fur Animal Husbandry	3	AppliedHydrology	3
Companion Animal Care and Management	2	Farming systems in the world	3	Animalwelfare and ethology	3	E-Commerce in Agrifood Sector	3
Apiculture	2	Agrochemicals	3	HorseHusbandry	3	OrnamentalIndoorPlants	3
AgrifoodBusinessManag ement	2	Agricultural Education and Lifelong Learning	3	AnimalGeneticEvaluationM ethods	3	Agricultural CostAccounting	3
Marketing of	2	Agricultural Low	3	Research Methodology and Experimental Design	3	Post-Harvest Physiology and Treatment of	3

Agricultural Products						Agricultural Products	
Collective actions and social entrepreneurship	2	FoodSupplyManagemen t	3	MolecularBiology	3	Mechanical Harvesting of Agricultural Products	3
SystematicBotany	2	Rabbit and Fur Animal Husbandry	3	Economics of AnimalProduction	3	DigitalGardenDesign	3
Tourism in the Countryside	2	AppliedEconometrics	3	Legumes	3	Acarology	4
		E-Commerce in Agrifood Sector	3	Aromatic - MedicinalPlants	4	Viticulture	4
		OrnamentalIndoorPlants	3	Biotechnology - Bioengineering	4	Biochemistry	4
		Post-Harvest Physiology and Treatment of Agricultural Products	3	Biochemistry	4	Agricultural Experimentation	4
		FoodLegislation	3	Agricultural Ecology	4	SoilsManagement	4
		European Integrationeconomy	3	Nutritional – Metabolic Diseases of Animals	4	Biology and weedmanagement	4
		Economics of AnimalProduction	3	Companion Animal Care and Management	4	Culture of vegetables under greenhouse conditions	4
		Silkwormproduction	3	FodderPlants - Ranges	4	OrnamentalOutdoorPlan ts	4
		DigitalGardenDesign	3	AgrifoodBusinessManagem ent	4	GardenDesign	4
		Agricultural Prices	3	Marketing of Agricultural Products	4	FodderPlants - Ranges	4

Agricultural macroeconomicanalysis	4	Apiculture	4	AgrifoodBusinessManag ement	4
Agricultural Ecology	4	Quality and Control of Foodstuffs of Animal Origin	4	Marketing of Agricultural Products	4
PlantDisease	4	BreedingSnails	4	Apiculture	4
AppliedEntomology	4	Silkwormproduction	4	Drying Machines and Storage of Agricultural Products	4
WeedScience	4	SystematicBotany	4	Economics of Agricultural Production Processing	4
OrnamentalOutdoorPlan ts	4	WaterEcosystems	4	Collective actions and social entrepreneurship	4
GardenDesign	4	DigestivePhysiology of Animals	4	SystematicBotany	4
AgrifoodBusinessManag ement	4			Tourism in the Countryside	4
Marketing of Agricultural Products	4			Groundwaterhydraulics	4
Apiculture	4				
Foreign Language - Agro-ecological Terminology	4				
FinancialMathematics	4				
Economics of Agricultural Production	4				

	Processing			
	EnvironmentalEducation	4		
	Agricultural Information Systems	4		
	Policy of Agricultural Products	4		
	BreedingSnails	4		
	Collective actions and social entrepreneurship	4		
	Tourism in the Countryside	4		

8. 2 UNDERGRADUATE STUDY PROGRAM PER SEMENSTER

8.2.1 Undergraduate study program- Core course

The students are required to choose three (3) elective courses from the Division Electives, one (1) from Elective Group 1, and two (2) from Elective Group 2.

Students must select at least two (2) courses from the direction they are following, and they can also choose one (1) course from another direction.

From the Elective Core Courses of the Spring Semester (Elective Group 2), students who are following the division of Agricultural Economics and Entrepreneurship must compulsorily choose the course «Marketing of Agricultural Products,» while students who are following the direction of Animal Production Science and Plant Production Science must compulsorily choose the course «Biochemistry.»

MEMORANDUM:

- TH: Theory Hours
- WL: Workload for the entire academic semester
- GB: General Infrastructure Course/Background Course
- SB: Specialized Infrastructure Course/Scientific Field Course
- MC: Mendatory Course
- **MEC: Mendatory Elective Course**
- **EC: Elective Course**

ECTS: ECTS credits

	10Semester											
A/A	CODE	COURSE	COURSE TYPE	th e or y	Hour s	Cour se total	ECTS					
1	600-190101	Applied Mathematics	MC	3	3	120	5					
2	600-190102	Computer Science	MC	3	3	120	5					
3	600-190103	Chemistry	MC	4	4	120	5					
4	600-190104	Principles of Economics	MC	4	4	120	5					

5	600-190105	Introduction to Animal Husbandry	MC	5	5	150	5
6	600-190106	Principles of Agronomy	MC	5	5	150	5
7	600-190107	Physics and Agrometeorology	MC	3	3	120	3

	2oSemester											
A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS					
1	600-190201	Agricultural Economics	MC	4	4	150	5					
2	600-190202	RuralSociology	MC	4	4	150	5					
3	600-190203	Agricultural Statistics	MC	4	4	150	5					
4	600-190204	Microbiology	MC	4	4	150	5					
5	600-190205	SoilScience	MC	5	5	150	5					
6	600-190206	Agricultural Machinery	MC	4	4	150	5					
7	600-190207	Foreign language 1*	MC	2	2	60	2					

3oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-190301	Plant Anatomy Morphology	MC	4	4	150	5
2	600-190302	Soil Fertility, Plant Nutrition and Fertilizers	MC	4	4	180	6
3	600-190303	Animal Anatomy	MC	4	4	150	5
4	600-190304	Principles of Animal Nutrition	MC	4	4	150	5
5	600-190305	Agricultural Policy	MC	4	4	150	5
6		Elective 1	MC	4	4	150	5
7	600-190306	Foreign language 2*	MC	2	2	60	2

4oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600- 190401	Plant Physiology	MC	5	5	150	5

2	600- 190402	Genetics	MC	5	5	150	5
3	600- 190403	Housing and Farm Management of Livestock Production	MC	4	4	120	4
4	600- 190404	Agricultural Accounting	MC	4	4	120	4
5	600- 190405	Animal physiology	MC	4	4	120	4
6		Elective 2	EC	4	4	120	4
7		Elective 2	EC	4	4	120	4

Winter Semester Core Elective Courses (Choice 1)

	CODE	COURSE	COURSE TYPE	the		Cou	
A/				ory	Hour	rse	ECT
Α					S	tota	S
						I	
1	600-190001	Agricultural Enterpreneurship	MEC	4	4	120	4
2	600-190002	Biology	MEC	4	4	120	4
3	600-190003	Farming systems in the world	MEC	4	4	120	4
4	600-190004	Management in Agricultural Machinery	MEC	4	4	120	4
5	600-190005	HorseHusbandry	MEC	4	4	120	4

Spring Semester Core Elective Courses (Choice 2)

A/ A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cours e total	ECTS
1.	600-190006	Biochemistry	MEC	4	4	120	4
2.	600-190007	Agricultural Experimentation	MEC	4	4	120	4
3.	600-190008	Companion Animal Care and Management	MEC	4	4	120	4
4.	600-190009	Apiculture	MEC	4	4	120	4
5.	600-190010	Agrifood Business Management	MEC	4	4	120	4
6.	600-190011	Marketing of Agricultural Products	MEC	4	4	120	4
7.	600-190012	Collective actions and social entrepreneurship	MEC	4	4	120	4
8.	600-190013	Systematic Botany	MEC	4	4	120	4

9.	600-190014	Tourism in the Countryside	MEC	4	4	120	4
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8.2.2 Undergraduate Program - Courses in Agricultural Economics and Entrepreneurship

	CODE	COURSE	COURSE TYPE	the	Hour	Cour	
A/A				ory	s	se total	ECTS
1	600-191501	Agricultural microeconomic analysis	МС	4	4	120	4
2	600-191502	Agricultural Cooperatives	MC	4	4	120	4
3	600-191503	Agricultural Financial Management	MC	4	4	150	5
4	600-191504	Agricultural Cost Accounting	MC	4	4	150	5
5	600-191505	Sustainable Natural Resource Management	MC	4	4	120	4
6		Elective 3	MEC	4	4	120	4
7		Elective 3	MEC	4	4	120	4

5oSemester

6oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-190601	Agricultural Economics	MC	4	4	120	4
2	600-190602	Decision Making Methods in Agriculture	MC	4	4	150	5
3	600-190603	Agricultural Finance& Investment Evaluation	MC	4	4	150	5
4	600-190604	Agricultural Economic Statistics	MC	4	4	120	4
5	600-190605	Farm Appraisal	MC	4	4	120	4
6		Elective 4	MEC	4	4	120	4
7		Elective 4	MEC	4	4	120	4

7oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-190701	Rural Development Economy	МС	4	4	150	5

2	600-190702	Research Methodology	MC	4	4	150	5
3	600-190703	ConsumerBehavior	MC	4	4	180	6
4	600-190704	International Trade of Agriculture Products	MC	4	4	180	6
5		Elective 3	MEC	4	4	120	4
6		Elective 3	MEC	4	4	120	4

8oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-190801	Agricultural Industrial Economics	MC	4	4	180	6
2	600-190802	Agricultural extention and advisory	MC	4	4	150	5
3	600-190803	Quality Management in Agriculture	MC	4	4	180	6
4	600-190804	EnvironmentalEconomics and Policy	MC	4	4	150	5
5		Elective 4	MEC	4	4	120	4
6		Elective 4	MEC	4	4	120	4

9oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-190901	Agro-EconominProjects	MC	5	5	180	6
2	600-190902	Farm Management	MC	5	5	150	5
3	600-190903	Strategic Planning of Food and Agricultural Enterprises	MC	4	4	150	5
4	600-190904	Elective 3	MEC	4	4	120	4
5		Thesis	MC			300	10

10oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1		Thesis	MC			600	20
2		Practice (1 March – 31 August)	MC		, 		10

The students are required to choose nine (9) compulsory elective courses, five (5) from Elective Group 3 and four (4) from Elective Group 4.

Students must select at least six (6) courses from the direction they are following, and they can also choose three (3) courses from another direction within the department or from another department within the school.

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-190001	Agricultural Entrepreneurship	MEC	4	4	120	4
2	600-192001	Fishing and FishingStock	MEC	4	4	120	4
3	600-193903	Floriculture – LandscapeArchitecture	MEC	5	5	150	5
4	600-191004	Optimization of Agricultural Production	MEC	4	4	120	4
5	600-193003	Biological (Organic) Agriculture	MEC	4	4	120	4
6	600-192002	OrganicAnimalFarming	MEC	4	4	120	4
7	600-191017	PrecisionAgriculture	MEC	4	4	120	4
8	600-190003	Farming systems in the world	MEC	4	4	120	4
9	600-193902	Agrochemicals	MEC	5	5	180	6
10	600-191010	Agricultural Education and Lifelong Learning	MEC	4	4	120	4
11	600-191011	Agricultural Low	MEC	4	4	120	4
12	600-191012	FoodSupplyManagement	MEC	4	4	120	4
13	600-192007	Rabbit and Fur Animal Husbandry	MEC	4	4	120	4
14	600-191014	AppliedEconometrics	MEC	4	4	120	4
15	600-193008	E-Commerce in Agrifood Sector	MEC	4	4	120	4
16	600-193009	OrnamentalIndoorPlants	MEC	4	4	120	4
17	600-193011	Post-Harvest Physiology and Treatment of Agricultural Products	MEC	4	4	120	4

Elective Courses of the Winter Semester (Choice 3)

18	600-191018	FoodLegislation	MEC	2	2	90	3
19	600-191019	European Integrationeconomy	MEC	4	4	120	4
20	600-192013	Economics of AnimalProduction	MEC	4	4	120	4
21	600-192027	Silkwormproduction	MEC	4	4	120	4
22	600-193013	DigitalGardenDesign	MEC	4	4	120	4
23	600-191023	Agricultural Prices	MEC	4	4	120	4

Elective Courses of the Spring Semester (Choice 4)

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-191024	Agricultural macroeconomicanalysis	MEC	4	4	120	4
2	600-193602	Agricultural Ecology	MEC	4	4	120	4
3	600-193802	PlantDisease	MEC	4	4	150	5
4	600-193804	AppliedEntomology	MEC	4	4	180	6
5	600-193603	WeedScience	MEC	4	4	150	5
6	600-193021	OrnamentalOutdoorPlants	MEC	4	4	120	4
7	600-193022	GardenDesign	MEC	4	4	120	4
8	600-190010	AgrifoodBusinessManagem ent	MEC	4	4	120	4
9	600-190011	Marketing of Agricultural Products	MEC	4	4	120	4
10	600-190009	Apiculture	MEC	4	4	120	4
11	600-191034	Foreign Language - Agro- ecological Terminology	MEC	4	4	120	4
12	600-191035	FinancialMathematics	MEC	4	4	120	4
13	600-191036	Economics of Agricultural Production Processing	MEC	4	4	120	4
14	600-191037	EnvironmentalEducation	MEC	4	4	120	4
15	600-191038	Agricultural Information Systems	MEC	4	4	120	4
16	600-191039	Policy of Agricultural Products	MEC	4	4	120	4
17	600-192026	BreedingSnails	MEC	4	4	120	4

18	600-190012	Collective actions and social entrepreneurship	MEC	4	4	120	4
19	600-190014	Tourism in the Countryside	MEC	4	4	120	4

8.2.3 Undergraduate Study Program - Courses of Animal Production Science Specialization

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-192501	AppliedAnimalNutrition	MC	4	4	120	4
2	600-192502	PoultryProduction	MC	4	4	150	5
3	600-192503	PigProduction	MC	4	4	150	5
4	600-192504	Physiology of Farm Animal Reproduction	MC	4	4	120	4
5	600-192505	MeatTechnology	MC	4	4	120	4
6		Elective 3	MEC	4	4	120	4
7		Elective 3	MEC	4	4	120	4

5oSemester

6oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-192601	BovineHusbandry	MC	4	4	150	5
2	600-192602	Sheep and GoatProduction	MC	4	4	150	5
3	600-192603	AnimalPathology	MC	4	4	120	4
4	600-192604	Parasitology of Livestock	MC	4	4	120	4
5	600-192605	FeedTechnology	MC	4	4	120	4
6		Elective 4	MEC	4	4	120	4
7		Elective 4	MEC	4	4	120	4

7oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-192701	AnimalBreeding	MC	5	5	180	6
2	600-192702	Ichthyology	MC	4	4	180	6
3	600-192703	PrecisionLivestockFarming	MC	4	4	180	6

4	600-192704	AppliedPharmacology	MC	3	3	120	4
5		Elective 3	MEC	4	4	120	4
6		Elective 3	MEC	4	4	120	4

	8oSemester 600										
A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS				
1	600-192801	Reproductive Biotechnology in Farm Animals	MC	4	4	180	6				
2	600-192802	Dairy Farming	MC	4	4	180	6				
3	600-192803	PastureManagement	MC	4	4	150	5				
4	600-192804	Implementation of Artificial Insemination in Domestic Animals	MC	4	4	150	5				
5		Elective 4	MEC	4	4	120	4				
6		Elective 4	MEC	4	4	120	4				

9oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-192901	AnimalWasteManagement	MC	5	5	150	5
2	600-192902	AquaticAnimalBreeding	MC	4	4	150	5
3	600-192903	Diseases and Animal Health	MC	5	5	180	6
4		Elective 3	MC	4	4	120	4
5		Thesis	MC			300	10

10oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1		Thesis	MC			600	20
2		Practice (1 March – 31 August)	MC				10

The students are required to choose nine (9) compulsory elective courses, five (5) from Elective Group 3, and four (4) from Elective Group 4.

Students must select at least six (6) courses from the direction they are following, while they can also choose three (3) courses from another direction within the department or from another department within the school.

	CODE	COLIRSE		, the		Cour	
Α/Α	CODE	COONSE		orv	Hour	se	ECTS
				0.7	S	total	
1	600-192001	Fishing and FishingStock	MC	4	4	120	4
2	600-192002	OrganicAnimalFarming	MC	4	4	120	4
3	600-193701	Industrial - Energy Plants	MC	4	4	150	5
4	600-191901	Agro-EconominProjects	MC	4	4	180	6
5	600-192005	AppliedMicrobiology	MC	4	4	120	4
6	600-192006	BreedingHuntingAnimals	MC	4	4	120	4
7	600-192007	Rabbit and Fur Animal Husbandry	MC	4	4	120	4
8	600-192008	Animalwelfare and ethology	MC	4	4	120	4
9	600-190005	HorseHusbandry	MC	4	4	120	4
10	600-192010	AnimalGeneticEvaluationM ethods	MC	4	4	120	4
11	600-192011	Research Methodology and Experimental Design	МС	4	4	120	4
12	600-192012	MolecularBiology	MC	4	4	120	4
13	600-192013	Economics of AnimalProduction	МС	4	4	120	4
14	600-193504	Legumes	MC	4	4	150	5

Elective Courses of Winter Semester (Choice 3)

Elective Courses of Spring Semester (Choice 4)

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-193801	Aromatic - MedicinalPlants	MEC	4	4	180	6
2	600-192016	Biotechnology - Bioengineering	MEC	4	4	120	4
3	600-190006	Biochemistry	MEC	4	4	120	4
4	600-193602	Agricultural Ecology	MEC	4	4	120	4
5	600-192019	Nutritional – Metabolic	MEC	4	4	120	4

		Diseases of Animals					
6	600-190008	Companion Animal Care and Management	MEC	4	4	120	4
7	600-193023	FodderPlants - Ranges	MEC	4	4	120	4
8	600-190010	AgrifoodBusinessManagem ent	MEC	4	4	120	4
9	600-190011	Marketing of Agricultural Products	MEC	4	4	120	4
10	600-190009	Apiculture	MEC	4	4	120	4
11	600-192025	Quality and Control of Food of Animal Origin	MEC	4	4	120	4
12	600-192026	BreedingSnails	MEC	4	4	120	4
13	600-192027	Silkwormproduction	MEC	4	4	120	4
14	600-190013	SystematicBotany	MEC	4	4	120	4
15	600-192029	WaterEcosystems	MEC	4	4	120	4
16	600-192030	DigestivePhysiology of Animals	MEC	4	4	120	4

8.2.3 Undergraduate Program Curriculum - Specialization Courses in Crop Production

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-193501	Agricultural hydraulics	MC	4	4	120	4
2	600-193502	PlantBreeding	MC	4	4	120	4
3	600-193503	General Pomology	MC	4	4	120	4
4	600-193504	Legumes	MC	4	4	150	5
5	600-193505	VegetableCrops	MC	4	4	150	5
6		Elective 3	MEC	4	4	120	4
7		Elective 3	MEC	4	4	120	4

6oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-193601	Irrigation and drainagemethods	MC	4	4	120	4

2	600-193602	Agricultural Ecology	MC	4	4	120	4
3	600-193603	WeedScience	MC	4	4	120	4
4	600-193604	SpecializedPomology	MC	4	4	150	5
5	600-193605	Research Methodology	MC	4	4	150	5
6		Elective 4	MEC	4	4	120	4
7		Elective 4	MEC	4	4	120	4

7oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-193701	Industrial - Energy Plants	MC	4	4	150	5
2	600-193702	Introduction in PlantPathology	MC	4	4	180	6
3	600-193703	Viticulture	MC	4	4	180	6
4	600-193704	General Entomology	MC	4	4	150	5
5		Elective 3	MEC	4	4	120	4
6		Elective 3	MEC	4	4	120	4

8oSemester 600							
A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-193801	Aromatic - MedicinalPlants	MC	4	4	180	6
2	600-193802	PlantDisease	MC	4	4	150	5
3	600-193803	SeedProduction	MC	4	4	150	5
4	600-193804	AppliedEntomology	MC	4	4	180	6
5		Elective 4	MEC	4	4	120	4
6		Elective 4	MEC	4	4	120	4

9oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-193901	OliveCulture	MC	4	4	150	5
2	600-193902	Agrochemicals	MC	5	5	180	6
3	600-193903	Floriculture –	MC	5	5	150	5
	LandscapeArchitecture						
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4	Elective 3	MEC	4	4	120	4	
5	Thesis	MC			300	10	

10oSemester

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1		Thesis	MC			600	20
2		Practice (1 March – 31 August)	MC				10

Students are required to choose nine (9) compulsory Elective Courses, five (5) from Elective Choice 3 and four (4) from Elective Choice 4.

Students must select at least six (6) courses from their chosen specialization, and they can choose three (3) courses from another specialization within the Department or from another Department within the School.

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-190001	Agricultural Enterpreneurship	MEC	4	4	120	4
2	600-191502	Agricultural Cooperatives	MEC	4	4	120	4
3	600-193003	Biological (Organic) Agriculture	MEC	4	4	120	4
4	600-191017	PrecisionAgriculture	MEC	4	4	120	4
5	600-191901	Agro-EconominProjects	MEC	5	5	180	6
6	600-190004	Management in Agricultural Machinery	MEC	4	4	120	4
7	600-193007	AppliedHydrology	MEC	4	4	120	4
8	600-193008	E-Commerce in Agrifood Sector	MEC	4	4	120	4
9	600-193009	OrnamentalIndoorPlants	MEC	4	4	120	4
10	600-190504	Agricultural CostAccounting	MEC	4	4	150	5
11	600-193011	Post-Harvest Physiology and Treatment of Agricultural Products	MEC	4	4	120	4

Elective Courses for the Winter Semester (Choice 3)

12	600-193012	Mechanical Harvesting of Agricultural Products	MEC	4	4	120	4
13	600-193013	DigitalGardenDesign	MEC	4	4	120	4

Elective Courses for the Spring Semester (Choice 4)

A/A	CODE	COURSE	COURSE TYPE	the ory	Hour s	Cour se total	ECTS
1	600-193014	Acarology	MEC	4	4	120	4
2	600-193015	Viticulture	MEC	4	4	120	4
3	600-190006	Biochemistry	MEC	4	4	150	5
4	600-190007	Agricultural Experimentation	MEC	4	4	180	6
5	600-193018	SoilsManagement	MEC	4	4	150	5
6	600-193019	Biology and weedmanagement	MEC	4	4	120	4
7	600-193020	Culture of vegetables under greenhouse conditions	MEC	4	4	120	4
8	600-193021	OrnamentalOutdoorPlants	MEC	4	4	120	4
9	600-193022	GardenDesign	MEC	4	4	120	4
10	600-193023	FodderPlants - Ranges	MEC	4	4	120	4
11	600-190010	AgrifoodBusinessManagem ent	MEC	4	4	120	4
12	600-190011	Marketing of Agricultural Products	MEC	4	4	120	4
13	600-190009	Apiculture	MEC	4	4	120	4
14	600-193027	Drying Machines and Storage of Agricultural Products	MEC	4	4	120	4
15	600-191036	Economics of Agricultural Production Processing	MEC	4	4	120	4
16	600-190012	Collective actions and social entrepreneurship	MEC	4	4	120	4
17	600-190013	SystematicBotany	MEC	4	4	120	4
18	600-190014	Tourism in the Countryside	MEC	4	4	120	4
19	600-193032	Groundwaterhydraulics	MEC	4	4	120	4

9. POSTGRADUATE PROGRAMS IN THE DEPARTMENT

In the Department of Agriculture at the School of Engineering Sciences of the International Hellenic University, the following Postgraduate Programs (MSc) are offered:

- 1. Environmental Management and Environmental Education:
- 2. Innovative Systems of Sustainable Agricultural Production:

9.1 Master's Program (M.Sc.) in "Environmental Management and Environmental Education"

In this MSc program, environmental issues are examined holistically and interconnectedly, taking into consideration the social, economic, political, and ethical factors that influence and are affected by them. Within this framework, the thematic units serve as a flexible learning tool, allowing each educator to approach environmental and sustainability issues according to their own needs and goals.

The program encourages a comprehensive understanding of environmental issues by considering their multidimensional nature and exploring their links to various societal aspects. It recognizes that environmental challenges cannot be addressed solely as natural phenomena but require an integrated approach that incorporates social, economic, political, and ethical dimensions. By providing a range of thematic units, the program offers students the opportunity to tailor their learning experiences to their specific interests and objectives within the field of environment and sustainability.

9.1.1 History

The Department of Agriculture at the International University of Greece has been organizing and offering a Master's Program (MSc) since the academic year 2018-2019. The program is titled «Environmental Management and Environmental Education» and offers three specializations:

a) Environmental Management and Environmental Education (General Specialization),

- b) Entrepreneurship and Innovation, and
- c) Education and Communication.

The program is in accordance with the provisions of the respective decision and the provisions of Law 4485/2017 (Government Gazette A' 114).

9.1.2 The subject - purpose of the Postgraduate Program

The Master's Program serves the mission and scientific orientation of the Department of Agriculture. Its content covers the core subjects of agricultural sciences, specifically their applications in environmental management, environmental protection, and sustainable natural resource management.

The program responds to the increased demands of the job market for specialized professionals in environmental management and education who can serve as consultants in environmental innovation and entrepreneurship within the framework of sustainable management. It aims to develop high-level research and postgraduate education in the scientific fields of environmental management, environmental education, and communication.

Specifically, the program seeks to create specialized environmental professionals with a focus on green business management and sustainable development, economic management of environmental impacts, as well as environmental education and communication. The learning objectives of the program are related to the promotion of knowledge transfer and innovation, mitigation of environmental impacts, and sustainable business development. The promotion of «Green Entrepreneurship» is expected to enhance the competitiveness of businesses by creating new or pioneering products and services aimed at sustainable competitiveness in the global market. Graduates acquire knowledge, abilities, and skills corresponding to Level 7 of the European Qualifications Framework for Higher Education and its Greek adaptation.

9.1.3 The awarded postgraduate degree

Upon successful completion of their studies, students will receive one of the following three degrees, which are the outcomes of the common Master's Degree in «Environmental Management and Environmental Education» (MSc in Environmental Management and Environmental Education):

1. Master of Science in Environmental Management and Environmental Education (General Title).

2. Master of Science in Environmental Management and Environmental Education – Entrepreneurship and Innovation.

3. Master of Science in Environmental Management and Environmental Education – Education and Communication.

9.1.4 Categories of graduates who are accepted

The Master's Degree program accepts graduates from Schools and Departments of Greek Universities, former Technological Educational Institutes (A.T.E.I.) in Greece, and recognized equivalent institutions abroad. Additionally, graduates from relevant fields of study in former Technological Educational Institutes may apply, provided they have a certificate of equivalence from the Hellenic National Academic Recognition Information Center (DOATAP) or the Cyprus Agency of Quality Assurance and Accreditation in Higher Education (KY.S.A.A.T.S).

In addition to graduates, students who have successfully completed their academic obligations and are only pending their graduation ceremony may also apply. These students will provide a certificate from the Secretariat of their Department, indicating the completion of their studies, their grade point average, and the pending graduation process.

Students of the Master's program who have a relatively weak academic background in the main subjects of the program may be required to attend introductory courses of limited duration.

9.1.5 Duration of studies

The minimum duration for the award of the Master's Degree is set at eighteen (18) months or three academic semesters, with a total of 90 ECTS credits for the study program. The language of the program is Greek.

9.1.6 Curriculum per semester

To obtain the Master's Degree, a minimum of three full-time academic semesters of study is required, as well as successful completion of 9 courses (distributed over the 1st, 2nd, and 3rd academic semesters, each lasting 13 full teaching weeks) with a total of 90 credit units, or 7 courses (distributed over the 1st and 2nd academic semesters, each lasting 13 full teaching weeks) with a total of 70 credit units, and a Master's Thesis (90 ECTS).

The offered courses are divided into Core courses and Specialization/Track courses. During their studies, each student is required to attend:

A. Without a Master's Thesis: four (4) Core courses (40 ECTS) and five (5) Specialization/Track courses (50 ECTS).

B. With a Master's Thesis: four (4) Core courses (40 ECTS), three (3) Specialization/Track courses (30 ECTS), and one (1) Master's Thesis course (20 ECTS).

Furthermore, there is also the option to pursue a third General Specialization, granting the title of General Specialization: Master's Degree in Environmental Management and Environmental Education (MSc Environmental Management and Environmental Education). Students who choose this specialization can select courses from the course offerings of the other two specializations in their second and third semester of studies. This includes four (4) Core courses (40 ECTS) and five (5) Specialization courses (50 ECTS) without completing a Master's Thesis, or three (3) Specialization courses (30 ECTS) with the completion of a Master's Thesis.

The Master's Degree in Specialization (MDS) is awarded upon completion of 90 ECTS credits. The courses of the MSc program, along with their respective credit units, are listed in the table below.

Code	SpecializationCourses	Semeste r	Cours e type	Hours /wee k	ECTS
	Core Courses (Common Courses	for the two	Specializ	ations)	
2600- 18101	EnvironmentalProgramsand Policy	A'	MC	4	10
2600-	Natural resources and environ Economy	A'	MC	4	10

The courses of the Master's Degree Program, along with their ECTS

18102							
2600- 18103	Environmentalpollution and action	A'	МС	4	10		
2600- 18104	Management of environmental resources sustainability	A'	МС	4	10		
	Total coreECTS				40		
	Specialization A: «Environmental Man	agement ar	nd Entrep	oreneursh	nip »		
2600- 18211	Studies on environmentalimpacts	Bʻ	MEC	4	10		
2600- 18212	Technical inspectionsystems (ISO 14001)	B′	MEC	4	10		
2600- 18213	Green Development and Environ	B′	MEC	4	10		
2600- 18214	Innovative environmental investments	B′	MEC	4	10		
2600- 18215	Energy policy and decicions	B′	MEC	4	10		
ΕΡΓ-1	*Master THESIS	B′	MEC	-	20		
	Total ECTS				50		
	*Without Master's Thesis: Compulsory 1 to	5 Courses.					
	*With Master's Thesis: Choose 3 courses fr	om 1 to 5 a	nd comp	ulsory the	e 6 th		
	SpecializationB: «Environmental Ed	ucation and	d Commu	inication	»		
2600- 18221	Domesticsavings and recycling	B′	МС	4	10		
2600- 18222	Climate change, adjustment and moderation	Bʻ	МС	4	10		
2600- 18223	EnvironmentalEducation and consciousness	Bʻ	МС	4	10		
2600- 18224	Environmentalcommunication and media	B'	МС	4	10		
2600- 18225	Environmentalactions in education	B′	МС	4	10		
ЕРГ-1	*MasterTHESIS	B′	MC	-	20		
	Total ECTS				50		
	* Without Master's Thesis: Compulsory 1 to	5 Courses.					
	* With Master's Thesis: Choose 3 courses from 1 to 5 and compulsory the 6 th						

Symbols:

MC = Mandatory course

MEC = Mandatory Elective course

ECTS = European Credit Transfer and Accumulation System

9.1.7 Number of postgraduate students

The number of postgraduate students admitted each year to the Master's Program is defined, per specialization, as follows:

- Twenty (20) students in «Environmental Management and Environmental Education» (MSc in Environmental Management and Environmental Education).

- Thirty (30) students in «Entrepreneurship and Innovation» (MSc in Environmental Management and Environmental Education – Entrepreneurship and Innovation).

- Thirty (30) students in «Education and Communication» (MSc in Environmental Management and Environmental Education – Education and Communication).

The total number of admitted students per study cycle is set at 80. This number may vary based on a decision by the Assembly, following a recommendation from the Coordinating Committee (CC) of the Master's Program, taking into account the available infrastructure and the educational staff of the Department. In addition to this number of admitted students, scholarship holders may also be accepted according to the provisions of Article 4 of Law 3685/2008 (Government Gazette 148), as well as candidates who have the same ranking as the last admitted student based on the evaluation criteria for admission to the Master's Program. It should be noted that in case of a large number of interested students for enrollment in the specific program, the admissions may be divided into partial groups, with the number of groups not exceeding twice the upper limit of the number of admitted students (80) as a whole.

Furthermore, the Department's Assembly may decide on the supplementary admission of students in a second period, aiming to ensure the rational distribution of students among the Departments and better utilization of the educational staff. Given that there are 16 instructors in the Master's Program, the ratio of admitted students to teaching staff is almost 5:1. This ratio ensures the quality of both the educational work and the theses conducted under the supervision of the instructors.

9.1.8 Staff and infrastructure

The Department of Agriculture at the International Hellenic University (IHU) has its own workforce, building infrastructure, educational/research equipment, farm, and available livestock that meet the basic operational needs of the Master's Program. Additionally, other facilities provided by the Alexandria University Campus are available for parallel use, such as libraries, computer laboratories, and other building infrastructure.

For more information, you can visit the Department's website at: <u>https://agro.ihu.gr/</u> under the submenu «Postgraduate Studies.»

9.2 Postgraduate Program (M.Sc.) titled 'Innovative Systems for Sustainable Agricultural Production'

The Master's Program serves the mission and scientific orientation of the Department of Agriculture. The content of the MSc program covers the fundamental subjects of agricultural sciences and their applications in all productive activities of the plant and animal sectors,

including agricultural and livestock farms, as well as productive and commercial agricultural enterprises (plant and animal production) and rural areas.

9.2.1 History

Since the academic year 2015-2016, the Department of Agriculture at the International Hellenic University has been organizing and operating the Master's Program (MSc) titled «Innovative Systems of Sustainable Agricultural Production» (Act No. 88, Government Gazette 1722 B'/18-8-2015) with three divisions:

- a) Rural Entrepreneurship,
- b) Precision Systems in Animal Production, and
- c) Rational Management of Plant Capital and Soil Resources.

9.2.2 Goals and Objectives of the Postgraduate study program

The Master's Program serves the mission and scientific orientation of the Department of Agricultural Technologists. The content of the MSc program covers the fundamental subjects of agricultural sciences and their applications in all productive activities of the plant and animal sectors, in agricultural and livestock farms, as well as in productive and commercial agricultural enterprises (both plant and animal production) and the rural environment.

The aim of the MSc program is to develop high-level research and postgraduate education (2nd cycle of university studies) in the scientific fields of Applied Agricultural Science and Technology, specifically in the scientific fields of Plant and Animal Production, as well as Agricultural Economics, with a particular emphasis on the development of Rural Entrepreneurship.

The fields/application areas of the MSc program are related to the employment sectors of the graduates as follows:

a) Production, processing, and marketing activities of agricultural products (both plant and animal origin).

b) Production and trading activities of inputs for plant and animal production.

c) Services provided by the broader public sector that support, supervise, and control agricultural production and commercial activities.

d) Services provided directly and indirectly to agricultural farms (both plant and animal production) and businesses in the agricultural sector.

e) Alternative activities based on plant and animal production and the resources of rural areas.

f) Activities related to the quality of life and the environment in rural, urban, and suburban areas.

The learning objectives of the MSc program are related to the development of sustainable agricultural and livestock production and the development of innovative entrepreneurial actions in the agricultural sector. Graduates acquire knowledge, skills, and competencies corresponding to level 7 professional qualifications, as defined by the European Qualifications Framework for Higher Education and its Greek adaptation.

9.2.3 The postgraduate degree awarded

The MSc program awards graduates with a Master's Degree in «Innovative Systems of Sustainable Agricultural Production» in one of the three divisions:

- 1. «Rural Entrepreneurship»
- 2. «Precision Systems in Animal Production»
- 3. «Modern Systems of Plant Production and Management»

Upon completion of the program, students receive a Diploma of Master's Studies (D.M.S.) in the respective specialization.

9.2.4 Admissions

The MSc program accepts graduates from Departments of Agricultural Technology, Agriculture, Veterinary Medicine, Biology, as well as other relevant applied scientific fields from Greek Universities, Technological Educational Institutes (TEIs), or recognized equivalent institutions abroad. Graduates from other departments of Universities and TEIs with relevant scientific or professional interests can also apply. Specifically, for the specialization in Rural Entrepreneurship, graduates from Departments of Economics and Business Administration of Universities and TEIs can apply.

Students of the MSc program who have a relatively weak scientific background in the main subject areas of the program may be required to attend introductory courses of limited duration. For degrees obtained from foreign institutions, it is necessary to submit an act or certificate of equivalence issued by the competent authority according to the law, certifying their equivalence to degrees awarded by Greek Higher Education Institutions.

9.2.5 Duration of studies

The duration for the award of the Master's Degree is set at eighteen (18) months or three academic semesters, structured into three full-time academic periods.

9.2.6 Course schedule per semester

Code	SpecializationCourses	Semest er	Cours e type	Hour s/we ek	ECTS
	Core Courses (Common Courses for the three	Specializ	ations)		
1600- 101	Special Topics in Agricultural Experimentation and Statistics	A'	МС	4	7,5
1600- 102	SustainableProduction Systems	A'	МС	3	5,0
1600- 103	Methodology of Scientific Research	A'	МС	1	2,5
	Division «Agriculture Entrepreneurship»				
1600-	Farm BusinessAccounting	A'	MC	4	7,5

The courses of the Master's Degree Program, along with their ECTS

1201					
1600- 1207	Common Agricultural Policy and Agri- Economic Studies	A'	MC	4	7,5
1600-	Financial Management and Agricultural	Bʻ	МС	4	7.5
1101	Investment	_		-	.,.
1600-	Special Issues in Marketing of Agricultural	B′	мс	4	7.5
1102	Products	_		-	.,.
1600-	Economics of Agri-Food Business	B′	мс	4	7.5
1202					,
	One Elective Course (EC) from the following:			1	
1600-	Innovation Management and Agricultural	B′	MEC	4	7,5
1203	Advisory		_		, -
1600-	Collective Entrepreneurship and E-Business	B′	MEC	4	7.5
1204	in Agriculture	_		-	.,.
	Division «Precision Systems in Animal Produc	ction»	Γ	1	
1600- 2101	Current Trends in Non-ruminant Animal Production	A'	MC	4	7,5
1600-	Applications of Modern Biotechnology in	. /		_	
2102	the Genetic Improvement of Animals	A	MC	4	7,5
1600-		- /			
2201	Modern Trends in Animal Nutrition	B	MC	4	7,5
1600-	Application of New Technologies in Animal		_		
2202	Production	B	MC	4	7,5
1600-					
2203	Modern Trends in Ruminant Animal	B′	MC	4	7,5
	Production				
1600-	Modern Technologies in Reproduction of	6 ′			7 -
2205	Farm Animals	В	IVIC	4	7,5
	Division «Modern Systems of Production and	Manager	nent of I	Plant Ca	oital»
1600-		<u>م</u> '			7 6
3103	Applied physiology of large cultivated plants	A	IVIC	4	7,5
1600-	Los estine Angliesticae in Diant Ductostica	۸٬	MC		7 6
3102	Innovative Applications in Plant Protection	A	IVIC	4	7,5
	Four Elective Courses (EC) from the following:				
1600-		D ′		л	
3201	Sustainableivianagement of Solis	В	IVIEC	4	7,5
1600-		D/	1450		7 -
3207	Design of Irrigation and Drainage Systems	В	MEC	4	7,5
1600-	Modern engineering applications in	D ′			
3208	harvesting agricultural products	В	IVIEC	4	7,5
1600-	Incont Depending and Debastics	D ′		л	
3204	InsectBreeding and Benavior	В	IVIEC	4	7,5
1600-	Machaniana of Laubicides attac	D ′			
3209		В	IVIEC	4	7,5
1600-	AdvancedPhysiology	B′	MEC	4	7,5

3206									
1600-	Alternative Crops in Modern Agriculture	B,	MEC	Л	75				
3210	Alternative Crops in Modern Agriculture	D	IVILC	4	د, ۲				
	Common obligation for the three specializations								
ΕΡΓ-1	Master Thesis	C	MC		30				
				16					
				hours	00				
	Iotal ECIS			/wee	90				
				k.					

Symbols:

MC = Mandatorycourse

MEC = MandatoryElectivecourse

ECTS = European Credit Transfer and Accumulation System

The percentage distribution of courses within the program is as follows:

- Core Courses: 33% (3/9) of the total courses.

- Specialization Courses: 67% (6/9) of the total courses.

The course distribution by specialization is as follows:

1. Specialization in «Rural Entrepreneurship»:

- Percentage of compulsory courses: 89% (3+5+1/2):
 - 3 compulsory courses common to all specializations (Core Courses).
 - 5 compulsory courses specific to the specialization.
- 1 out of 2 elective courses as a compulsory choice.
- 2. Specialization in «Precision Systems in Animal Production»:
 - Percentage of compulsory courses: 100% (3+6):
 - 3 compulsory courses common to all specializations (Core Courses).
 - 6 compulsory courses specific to the specialization.
- 3. Specialization in «Modern Production and Management Systems for Plant Capital»:
 - Percentage of compulsory courses: 75% (3+2+4/7):
 - 3 compulsory courses common to all specializations (Core Courses).
 - 2 compulsory courses specific to the specialization.
 - 4 out of 7 elective € courses as compulsory choices.

The percentage of background courses is 33%. All the remaining courses (67%) are specialization courses.

9.2.7 Number of postgraduate students

The number of postgraduate students admitted per year is determined as follows:

- Sixteen (16) for the specialization in «Rural Entrepreneurship.»
- Twelve (12) for the specialization in «Precision Systems in Animal Production.»

- Twelve (12) for the specialization in «Modern Production Systems and Management of Plant Capital.»

This number may be subject to change by decision of the Department Assembly, based on the recommendation of the Coordinating Committee (CC) of the Master's program, taking into account the available infrastructure and the teaching staff of the Department.

9.2.8 Staff and infrastructure

The Department of Agriculture at the International University of Greece (DIPAE) possesses its own workforce, infrastructure, educational/research equipment, farm, and available livestock, which cover the basic operational needs of the Master's program. Additionally, there will be simultaneous utilization of other facilities provided by the Alexandria University Campus, such as libraries, computer laboratories, and other building infrastructure.

10. Ph.D.Studies

PhD studies provide specialization in the fields of the Departments of the International Hellenic University, as well as in related fields, leading to the acquisition of a Doctoral Degree. PhD studies aim to promote knowledge and original scientific research, as well as the formation of scientists capable of contributing to the progress of science, research, and applications. Doctors are intended to staff the educational, research, and business potential of Greece and abroad.

Ph.D. candidates maintain full rights and benefits provided for students of the second cycle of studies until the completion of their Doctoral Dissertation. Indicatively, these include technological and economic support, awards, scholarships, student support services, representation in collective bodies, etc.

In addition, Ph.D. candidates retain access, borrowing, and use rights for electronic services provided by university libraries for up to five (5) years after the award of the Doctoral Degree.

The Doctoral Dissertation is publicly supported by the doctoral candidate, with a presentation of up to 45 minutes, before the Seven-Member Examination Committee. The procedure of the public defense requires the physical presence of at least four (4) members of the Seven-Member Examination Committee, while the other members may participate via teleconferencing.

Starting from the Academic Year 2020-2021, the Department of Agriculture of the International University of Greece, in accordance with Law 4485 (Government Gazette 144 A'/4-8-2017), which concerns the institutional framework for the organization and operation of Higher Education in Greece, organizes and operates a Doctoral Studies Program (DSP). The Doctoral Studies Regulations were approved and published in the Official Gazette of the Hellenic Republic on August 21, 2020 (Government Gazette 3478 B'/21-8-2020).

11. SERVICES AND STUDENTCARE

11.1 European Programs Office (Erasmus)

The goal of the Office of International Educational Programs (http://ecs.ihu.edu.gr/co/erasmus/erasmusplus, http://erasmus.teithe.gr/index.php/el/) is to connect the institution and develop partnerships with similar educational institutions in Europe and other countries. Within the framework of the Erasmus program, collaborations are established with European institutions in various activities, such as :

- Mobility of professors for short-term teaching. Preparatory Visits.
- European Credit Transfer System. Intensive Programs
- Development of Study Programs in collaboration with other institutions
- Student mobility

Through the Erasmus program, students of the Department have the opportunity, after successfully completing their second semester of studies, to conduct part of their studies at one of the Department's partner institutions in European Union countries. Additionally, through the same program, students have the opportunity to carry out their semester-long internship in businesses or agricultural enterprises in EU member states.

Until now, the Department of Agriculture has signed cooperation agreements with several educational institutions in Europe and other countries.

For more information, please visit the Erasmus office website.

11.2 Library

The Library (https://www.ihu.gr/vivliothiki-kentro-pliroforisis, https://lib.ihu.edu.gr/) is located in the main building of the institution (Alexandria Campus) in a 600-square-meter room. It is enriched with a plethora of book titles and scientific journals, which are constantly updated. In addition to the use and borrowing of printed materials, the library provides computers through which students can electronically search for books and journals using online links. Upon their registration at the Department, students are directed to the library to obtain a library card. The services offered, apart from material loans, include: bibliographic/article recommendations, answering general/specific questions, user training on library services, interlibrary loan, access to databases, etc.

There is also a publishing center, the operation of which (Alexandria Campus) was inaugurated in 1999. Its mission is the publication of educational material for students, as well as the publication of informative material for both the Departments and the events organized by the Institution.

11.3 Student Club

The institution has a restaurant in the main building, as well as a central restaurant in the city. Three meals per day are provided to eligible recipients throughout the academic year. The criteria for obtaining a meal card are financial need and academic performance.

11.4 Student Residence

The International Hellenic University provides building facilities for housing its students within the campus in Sindos.

The Student Residence aims to meet the housing and welfare needs of students in Sindos, particularly those from disadvantaged economic backgrounds, during their studies. Specifically, it provides suitable infrastructure for the development of intellectual, recreational, artistic, and sports initiatives and activities, thereby significantly assisting students in continuing and completing their studies while fostering the development and cultivation of social relationships.

For more information about the Student Residence and its regulations, you can find it HERE.

11.5 Medical Care

The students enjoy free comprehensive medical and hospital care. Additionally, the University operates a Medical Center in the main building (Alexandria Campus), open daily from 8 am to 6 pm, staffed with nursing personnel.

11.6 Gym

The International Hellenic University has a sports hall where students are offered opportunities for exercise and participation in various activities, taking into account the needs and abilities of individuals with different needs.

11.7 Sports and Cultural Activities

Below are some indicative sports and cultural activities that take place at the facilities of I.H.U.:

- Football (men's team).
- Basketball (men's and women's teams, with notable achievements in university competitions).
- Volleyball (men's and women's teams, also with notable achievements in university competitions).
- Chess, which is organized more formally in a chess club outside the institution.
- Gymnastics in a sports hall.
- Archery.
- Shooting.
- Tennis.
- Swimming.
- Freediving.
- Skiing.
- Martial arts.
- Physical fitness.
- Participation in dance groups and choirs.

11.8 Network Operations Center - Electronic Services

In the School of Agriculture, an internal fiber optic network operates, with the Department of Informatics serving as its center. This, combined with the participation of the institution in the Greek Universities network G.U.net. (Greek Universities network, http://www.G.U.net.gr/), allows gradual access to all sources of information worldwide.

The students are provided with the opportunity for free internet access through remote dial-up connection, by presenting their student ID at the Network Management Center.

11.9 Deferral of military service and reduced fare

Students have the option to defer their military service due to their studies. Additionally, all male and female students are entitled to a reduced fare on all public transportation. Working students are also provided with facilitations according to the provisions of Law 483/1984.

11.10 Career Office

The goal of the Career Services Office (https://www.ihu.edu.gr/gateway/, http://www.career.ihu.gr/) is to facilitate the communication between graduates and alumni of the institution with the business world, to assist in their professional adaptation, to engage and support the students and alumni of the institution, and to provide information about postgraduate study opportunities. Specifically, the Career Services Office provides:

• Continuous information regarding the job market, capturing the needs of the economy, as well as the skills and specializations of students and graduates, aiming to better utilize them professionally.

• Informing graduates about available job positions and the economic activity of businesses.

• Maintaining a database and providing updates to graduates regarding their professional rights and career prospects.

• Maintaining a database and informing students and graduates about opportunities for postgraduate programs in Greece and abroad. Establishing contacts with relevant educational institutions and providing information about available scholarships.

• Ongoing communication with graduates regarding professional training and specialization opportunities.

11.11 Special Services for People with Disabilities and Special Educational Needs

There is an office for People with Disabilities at the institution (http://amea.teithe.gr/). Its purpose is to ensure accessibility for students with special needs within the institution's premises and familiarize them with new technologies and the World Wide Web, such as the capabilities provided by computers and specially adapted software (e.g., the voice browser See Browser).

Furthermore, there is information provided regarding their daily issues and support in matters concerning their life within the institution. This support encompasses study programs, examination methods, and more straightforward problems such as access points, elevators, voice announcements, and more.

Aappropriate facilities are available to provide access for students with special needs to classrooms and laboratory spaces. Specifically, there are two elevators that allow access to the first and second floors of the main building. Additionally, there is a special stair lift in the Department of Animal Science.

12. The international dimension of the Undergraduate Study Program and collaborations.

The Department of Agriculture participates in the Erasmus program for international educational cooperation, as well as in the Erasmus Mundus program. The department collaborates with numerous universities and research centers abroad and encourages members of the academic community to move to other institutions. Within the framework of these programs, a small number of students from foreign universities have participated in specific courses offered by the department. Many professors volunteer to teach courses to students from other institutions in a foreign language, primarily English. The Erasmus Student Network (ESN) in collaboration with the Erasmus office organizes events for incoming students from other institutions and provides support to incoming students. Additionally, a number of students from the department participate in study programs at foreign universities or undertake internships at universities and other organizations abroad.

The Department of Agriculture participates in international educational cooperation programs with institutions and organizations abroad, according to the plans established by the University, while implementing the European Credit Transfer and Accumulation System (ECTS). The workload of each course serves as the basis for calculating the teaching/credit units. Students have the opportunity to choose courses in order to create study packages that better align with their interests and aspirations. This system is aligned with study programs offered by related departments in foreign universities, facilitating student mobility and enhancing the international dimension of the study program. The credit units for each course are listed in the Study Guide and posted on the School's website, while relevant course descriptions in English are available on the Erasmus website.

13. REFERENCETO THE DEPARTMENT AND UNIVERSITY REGULATIONS

• Study Program:

https://agro.ihu.gr/wp-content/uploads//2022/09/ΠΡΟΓΡΑΜΜΑ-ΣΠΟΥΔΩΝ-1.pdf

• CourseOutlines:

https://agro.ihu.gr/wp-content/uploads/2021/06/ΠΕΡΙΓΡΑΜΜΑΤΑ-ΜΑΘΗΜΑΤΩΝ.pdf

• Internal Regulations of the Postgraduate Program: https://owncloud.teithe.gr/index.php/s/0ZE0gVAd4sP5XkS/download

• Study regulation:

https://owncloud.teithe.gr/index.php/s/S4DltMtse2k7e5d/download

• Exams regulation: https://uniportal.ihu.gr/

- Thesis regulation:
 <u>https://agro.ihu.gr/wp-content/uploads/2021/09/ΟΔΗΓΟΣ-ΕΚΠΟΝΗΣΗΣ-ΔΙΠΛΩΜΑΤΙΚΗΣ-</u>
 <u>ΕΡΓΑΣΙΑΣ.pdf</u>
- Ethics regulation: <u>https://rc.ihu.gr/?page_id=869</u>
- Staff and Student Mobility Regulation: https://owncloud.teithe.gr/index.php/s/KFV46nu6pB4YcTL/download
- Regulation of the operation of the student complaints and objections management mechanism: <u>https://owncloud.teithe.gr/index.php/s/OXEFPXN0CJjEm9z/download</u>

 Study Regulations of the Postgraduate Program titled 'Environmental Management and Environmental Education: https://agro.ihu.gr/wp-content/uploads/2021/06/ΦΕΚ-ΚΑΝΟΝΙΣΜΟΥ-ΣΠΟΥΔΩΝ.pdf

• Study Regulations of the Postgraduate Program titled 'Innovative Systems for Sustainable Agricultural Production:

https://agro.ihu.gr/wp-content/uploads/2021/06/ΦΕΚ-ΚΑΝΟΝΙΣΜΟΥ-ΣΠΟΥΔΩΝ-1.pdf

14. APPENDIX DETAILED COURSES OUTLINE

Detailed Course Outlines according to the Hellenic Authority for Higher Education standards <u>https://agro.ihu.gr/wp-content/uploads/2021/06/ΠΕΡΙΓΡΑΜΜΑΤΑ-ΜΑΘΗΜΑΤΩΝ.pdf</u>