GENERAL AND INORGANIC CHEMISTRY

1. GENERAL

SCHOOL	AGRICULTURAL SCIENCES		
ACADEMIC UNIT	AGRICULTURE		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	AGRI EX13	**SEMESTER**	7th or 9th o
COURSE TITLE	AGRICULTURAL ECONOMY - ENTREPRENEURSHIP AND INNOVATION		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	**WEEKLY TEACHING HOURS**	**CREDITS**
lectures	2	
Tutorials	2	
TOTAL	4	5
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	SPECIALISED GENERAL KNOWLEDGE,
PREREQUISITE COURSES:	There are no prerequisite courses.
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek.
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No
COURSE WEBSITE (URL)	

2. LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

The aim of the course is to introduce students to the basic concepts of innovation and entrepreneurship. The teaching of the course aims to:

- Acquisition of advanced knowledge in a field of work or study, which involves a critical understanding of theories and principles
- Development of advanced skills and proven craftsmanship/innovation to solve complex and unpredictable problems in a specialized field of work or study
- Development of professional skills related to the management of complex techniques or activities or work plans, taking responsibility for decision-making in unpredictable work or study environments. In addition to being able to take responsibility for managing the professional development of individuals and teams.apply the basic analytical techniques of Chemistry
- evaluate the results of a chemical analysis
- handle instruments

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology *Adapting to new situations* *Decision-making* *Working independently* *Team work* *Working in an international environment* *Working in an interdisciplinary environment* *Production of new research ideas*	*Project planning and management* *Respect for difference and multiculturalism* *Respect for the natural environment* *Showing social, professional and ethical responsibility and sensitivity to gender issues* *Criticism and self-criticism* *Production of free, creative and inductive thinking* *……* *Others…* *…….*

Generally by the end of this course the student will have developed the following general abilities (from the above list)

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Adapting to new situations
Decision-making
Working independently
Team work
Respect for the natural environment
Criticism and self-criticism

3. SYLLABUS

- Introduction to Entrepreneurship and Innovation
- Entrepreneurship: The Concept of Business, Types of Businesses, Concept, Types and Models of Entrepreneurship
- Approaches to Entrepreneurship, Internal and External Environment Analysis
- Opportunity Recognition and Entrepreneurial Creativity,
- Agencies and Institutions that Enhance Entrepreneurship
- Innovation: The Concept and Need for Innovation
- Innovation and Competitive Advantage
- Types of Innovation, Sources of Innovation
- Innovation Management
- Entrepreneurship and Innovation
- Development of New Products and Services
- Financing of Business Ventures
- The Business Plan

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face lectures and laboratory exercises.
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	• Use of Information and Communication Technologies (ICTs) (e.g. powerpoint) in teaching. • Use of ICTs in student communication (learning support through the e-class platform).
TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the*	

Activity	***Semester workload***
Lectures (2 conduct hours per week x 13 weeks)	26
Tutorial (2 conduct hours per week x 13 weeks)	26
Assignments	10
Private study time of the students for the lab preparation and final examination - Participation in the examinations	63
Course total (25 work load for each ECTS credit)	**125**

ECTS	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	Student performance evaluation will be explained to the students at the beginning of the course/beginning of the semester. 1. Mandatory final written examination for lectures / theoretical part of the course, comprises 60% of the final mark of the student. 2. Mandatory final written examination for the transferred laboratory skills of the course, comprises 40% of the final mark of the student. Minimum pass mark: 5 (full scale: 0-10) 3. 1. The above mentioned process will be taking place in Greek and for foreign students (eg ERASMUS students) in English.

5. ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Bessant J. και Tidd J., Καινοτομία και Επιχειρηματικότητα, Κουλουριώτης Δημήτρης (επιμ.), Εκδόσεις Τζιόλα, Αθήνα,2016.
- Καραγιάννης Η. και Μπακούρος Ι., Καινοτομία και Επιχειρηματικότητα, Εκδόσεις Σοφία, Θεσσαλονίκη,2010
- Βασιλειάδης Λ., Επιχειρηματικότητα και καινοτομία - βασικές έννοιες και σύγχρονες τάσεις, Εκδόσεις Τσότρας, Αθήνα, 2017.

- Related academic sources and journals:

1. The International Journal of Entrepreneurship and Innovation
2. Strategic Entrepreneurship Journal
3. Journal of Innovation and EntrepreneurshipΕπικοινωνιών. Αθήνα: Εκδόσεις Κλειδάριθμος.