## SUSTAINABLE - ORGANIC AGRICULTURE

#### 1. GENERAL

| SCHOOL                                                                                                                                                                                                                                                           | AGRICULT                                                                                | URAL SCIENCES               |           |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------|-----------|-----------------|
| ACADEMIC UNIT                                                                                                                                                                                                                                                    | CROP SCIE                                                                               | NCE                         |           |                 |
| LEVEL OF STUDIES                                                                                                                                                                                                                                                 | UNDERGR                                                                                 | ADUATE                      |           |                 |
| COURSE CODE                                                                                                                                                                                                                                                      | CRS_701                                                                                 |                             | SEMESTER  | 7 <sup>th</sup> |
| COURSE TITLE                                                                                                                                                                                                                                                     | Sustainabl                                                                              | e - Organic Agri            | culture   |                 |
| INDEPENDENT TEACHING ACTIVITIES<br>if credits are awarded for separate components of the course, e.g.<br>lectures, laboratory exercises, etc. If the credits are awarded for the<br>whole of the course, give the weekly teaching hours and the total<br>credits |                                                                                         | WEEKLY<br>TEACHINO<br>HOURS | G CREDITS |                 |
| lectures                                                                                                                                                                                                                                                         |                                                                                         | 2                           |           |                 |
| Tutorials                                                                                                                                                                                                                                                        |                                                                                         | 1                           |           |                 |
| laboratory exercises                                                                                                                                                                                                                                             |                                                                                         | 2                           |           |                 |
| TOTAL                                                                                                                                                                                                                                                            |                                                                                         | TOTAL                       | 5         | 5               |
| Add rows if necessary. The organisation of methods used are described in detail at (d                                                                                                                                                                            | f teaching an<br>').                                                                    | d the teaching              |           |                 |
| <b>COURSE TYPE</b><br>general background,<br>special background, specialised general<br>knowledge, skills development                                                                                                                                            | Specialised                                                                             | d general knowl             | edge      |                 |
| PREREQUISITE COURSES:                                                                                                                                                                                                                                            | Typically, there are no prerequisite courses.                                           |                             |           |                 |
| LANGUAGE OF INSTRUCTION<br>and EXAMINATIONS:                                                                                                                                                                                                                     | Greek. Teaching may be performed in English in case foreign students attend the course. |                             |           |                 |
| IS THE COURSE OFFERED TO<br>ERASMUS STUDENTS                                                                                                                                                                                                                     | Yes (in English)                                                                        |                             |           |                 |
| COURSE WEBSITE (URL)                                                                                                                                                                                                                                             |                                                                                         |                             |           |                 |
| Z. 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 principles of Sustainable - Organic Agriculture and to make them able to apply alternative methods of plant cultivation. Upon successful completion of the course, the students will be able to:

- Be able to understand the principles of sustainable agriculture.
- Knowing historical elements and future trends in organic agriculture.
- Be informed for the regulatory framework for verification process and labeling of organic products.
- Be able to understand affecting parameters of organic agriculture (soil, propagation material, fertilization, pest and weed control, water management, harvest and postharvest processing).
- Be able to understand organic product certification processes, focusing on critical points of control per certification process and crop.

#### **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<br>information, with the use of the necessary technology<br>Adapting to new situations<br>Decision-making | Project planning and management<br>Respect for difference and multiculturalism<br>Respect for the natural environment<br>Showing social, professional and ethical responsibility and sensitivity to |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Decision-making                                                                                                                                          | Showing social, professional and ethical responsibility and sensitivity to                                                                                                                          |
| Working independently                                                                                                                                    | gender issues                                                                                                                                                                                       |
| Team work                                                                                                                                                | Criticism and self-criticism                                                                                                                                                                        |
| Working in an international environment                                                                                                                  | Production of free, creative and inductive thinking                                                                                                                                                 |
| Working in an interdisciplinary environment                                                                                                              |                                                                                                                                                                                                     |
| Production of new research ideas                                                                                                                         | Others                                                                                                                                                                                              |
| Consult for an electric and exactly a fields to a                                                                                                        |                                                                                                                                                                                                     |

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Working independently
- Teamwork
- Production of free, creative and inductive thinking
- Respect for the natural environment
- Project planning and management
- Working in an international environment
- Decision-making

### 3. SYLLABUS

## Lectures

- 1. Sustainability as a parameter of agricultural practice,
- 2. Sustainable agriculture and agro-ecosystem management,
- 3. National and European Sustainability Strategy
- 4. Definitions and principles of organic farming,
- 5. International, Community and national legal framework for organic farming.
- 6. Historical overview of organic farming,
- 7. Organic Agriculture and Environmental Parameters. Soil fertility and ways, it influences organic farming
- 8. Basic principles of organic production: Soil sustainability and ecosystems. Treatment of plant debris. Crop rotation, Cultivation of crops and nutrient management in organic farming.
- 9. Plant protection and plant protective substances in organic farming,
- 10. Intercropping summer crops, crop rotation. management of nutrients in organic farming
- 11. Packaging, exhibition and promotion of organic farming products.
- 12. Production, processing and handling of organic products.
- 13. Organic livestock farming

#### Laboratory Exercises

- 1. The influences of environmental factors on biodiversity in agroecosystems
- 2. Soil management
- 3. Composting
- 4. Intercropping, Crop rotation
- 5. Sowing-Planting in the field and seedbeds
- 6. Weed ecology and management
- 7. Educational trip

# 4. TEACHING AND LEARNING METHODS - EVALUATION

| DELIVERY                                      | Lectures, self-tests of students                                 | and problem-solving seminars., face to |
|-----------------------------------------------|------------------------------------------------------------------|----------------------------------------|
| Face-to-face, Distance learning, etc.         | face.                                                            |                                        |
| USE OF INFORMATION AND                        | Power point presentations, i-b                                   | ooks, videos,                          |
| COMMUNICATIONS TECHNOLOGY                     | Educational process is supported by the online platform e-class. |                                        |
| Use of ICT in teaching, laboratory education, |                                                                  |                                        |
| communication with students                   |                                                                  |                                        |
| TEACHING METHODS                              |                                                                  |                                        |
| The manner and methods of teaching are        |                                                                  | Semester workload                      |
| described in detail.                          |                                                                  |                                        |

| Lectures, seminars, laboratory practice,<br>fieldwork, study and analysis of bibliography,                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lectures (2 contact hours26per week x 13 weeks)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| tutoriais, placements, clinical practice, art<br>workshop, interactive teaching, educational                                                                                                                                                                                                                                                                                                                                                                                                                                              | Laboratory practice (2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| visits, project, essay writing, artistic creativity,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | contact hours per week x 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | weeks)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| The student's study hours for each learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Project, essay writing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| activity are given as well as the hours of non-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hours for private study of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| directed study according to the principles of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | the student and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| the ECIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | preparation for mid-term                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | or/and final examination –                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Participation in the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | examinations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Educational visits to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | organic farms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Total number of hours for                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 125 hours (total student                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | the Course (25 hours of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 125 nours (total stadent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | WORK-IOGAI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | work-load per ECTS credit)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | work-ioaaj                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| STUDENT PERFORMANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | • Written final examination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | of the lesson Minimum probable                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| STUDENT PERFORMANCE<br>EVALUATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                | of the lesson Minimum probable                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl</li> </ul>                                                                                                                                                                                                                                                                                                                                                                           | of the lesson Minimum probable<br>ace in the Greek language and for the                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA)</li> </ul>                                                                                                                                                                                                                                                                                                                                               | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.                                                                                                                                                                                                                                                                                                                                                                                                       |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple                                                                                                                                                                                                                                                                                                                                                                       | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERAS)</li> <li>Oral examination can be m</li> </ul>                                                                                                                                                                                                                                                                                                           | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>nade to students who have written                                                                                                                                                                                                                                                                                                                                                                  |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended auestions problem solving                                                                                                                                                                                                                                                                             | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA)</li> <li>Oral examination can be n tests on the same day and</li> </ul>                                                                                                                                                                                                                                                                                  | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>hade to students who have written<br>time that the progress or written                                                                                                                                                                                                                                                                                                                             |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,                                                                                                                                                                                                                          | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA:</li> <li>Oral examination can be n tests on the same day and examination of the course</li> </ul>                                                                                                                                                                                                                                                        | work-road)<br>of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>hade to students who have written<br>time that the progress or written<br>will take place.                                                                                                                                                                                                                                                                                           |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical                                                                                                                                                                        | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA:</li> <li>Oral examination can be n tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%)</li> </ul>                                                                                                                                                                                                                      | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>nade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which                                                                                                                                                                                                                                                              |
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| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical<br>examination of patient, art interpretation,<br>other                                                                                                                | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA)</li> <li>Oral examination can be n tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%) may include Multiple choic questions on topic develop</li> </ul>                                                                                                                                                                | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>nade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which<br>ce test, Questions of short answer,<br>poment, problems / exercises based on                                                                                                                                                                              |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical<br>examination of patient, art interpretation,<br>other                                                                                                                | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA)</li> <li>Oral examination can be m tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%) may include Multiple choid questions on topic develop the theoretical knowledge</li> </ul>                                                                                                                                      | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>nade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which<br>ce test, Questions of short answer,<br>oment, problems / exercises based on<br>presented at the courses                                                                                                                                                   |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical<br>examination of patient, art interpretation,<br>other<br>Specifically-defined evaluation criteria are<br>given, and if and where they are accessible to<br>students. | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA)</li> <li>Oral examination can be n tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%) may include Multiple choir questions on topic develop the theoretical knowledge</li> <li>Laboratory: Final Exam (40)</li> </ul>                                                                                                 | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>hade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which<br>ce test, Questions of short answer,<br>pment, problems / exercises based on<br>presented at the courses<br>0%). The examination in the laboratory                                                                                                         |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical<br>examination of patient, art interpretation,<br>other<br>Specifically-defined evaluation criteria are<br>given, and if and where they are accessible to<br>students. | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA)</li> <li>Oral examination can be n tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%) may include Multiple choic questions on topic develop the theoretical knowledge</li> <li>Laboratory: Final Exam (40 part of the course includes)</li> </ul>                                                                     | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>hade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which<br>ce test, Questions of short answer,<br>oment, problems / exercises based on<br>presented at the courses<br>0%). The examination in the laboratory<br>s questions on the laboratory exercises                                                              |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical<br>examination of patient, art interpretation,<br>other<br>Specifically-defined evaluation criteria are<br>given, and if and where they are accessible to<br>students. | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA:</li> <li>Oral examination can be n tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%) may include Multiple choir questions on topic develop the theoretical knowledge</li> <li>Laboratory: Final Exam (40 part of the course includes and on the group and ator</li> </ul>                                            | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>nade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which<br>ce test, Questions of short answer,<br>oment, problems / exercises based on<br>presented at the courses<br>0%). The examination in the laboratory<br>is questions on the laboratory exercises<br>nic assignments.                                         |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical<br>examination of patient, art interpretation,<br>other<br>Specifically-defined evaluation criteria are<br>given, and if and where they are accessible to<br>students. | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA:</li> <li>Oral examination can be n tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%) may include Multiple choir questions on topic develop the theoretical knowledge</li> <li>Laboratory: Final Exam (40 part of the course includes and on the group and ator</li> <li>The final Course mark is the task</li> </ul> | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>nade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which<br>ce test, Questions of short answer,<br>oment, problems / exercises based on<br>presented at the courses<br>0%). The examination in the laboratory<br>s questions on the laboratory exercises<br>nic assignments.<br>he average of the marks on Theory and |
| STUDENT PERFORMANCE<br>EVALUATION<br>Description of the evaluation procedure<br>Language of evaluation, methods of<br>evaluation, summative or conclusive, multiple<br>choice questionnaires, short-answer questions,<br>open-ended questions, problem solving,<br>written work, essay/report, oral examination,<br>public presentation, laboratory work, clinical<br>examination of patient, art interpretation,<br>other<br>Specifically-defined evaluation criteria are<br>given, and if and where they are accessible to<br>students. | <ul> <li>work-load per ECTS credit)</li> <li>Written final examination grade: 5.</li> <li>All the above are taking pl foreign students (e.g. ERA:</li> <li>Oral examination can be m tests on the same day and examination of the course</li> <li>Theory: Final Exam (60%) may include Multiple choir questions on topic develop the theoretical knowledge</li> <li>Laboratory: Final Exam (40 part of the course includes and on the group and ator</li> <li>The final Course mark is th Lab.</li> </ul>  | of the lesson Minimum probable<br>ace in the Greek language and for the<br>SMUS students) in English.<br>nade to students who have written<br>time that the progress or written<br>will take place.<br>written of increasing difficulty, which<br>ce test, Questions of short answer,<br>oment, problems / exercises based on<br>presented at the courses<br>0%). The examination in the laboratory<br>s questions on the laboratory exercises<br>nic assignments.<br>he average of the marks on Theory and |

### 5. ATTACHED BIBLIOGRAPHY

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- 2. Gliessman SR and Rosemeyer M. (2009). *The conversion to sustainable agriculture: principles, processes, and practices*. CRC Press.
- 3. Σιάρδος, Γ & Κουτσούρης, Α. (2011), Αειφορική Γεωργία & Ανάπτυξη Θεσσαλονίκη, Ζυγός.
- 4. Σιδηράς, Ν. (2005). Βιολογική Γεωργία και Φυτική Παραγωγή. Αθήνα, ΔΗΩ.
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