

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	School of Agricultural Sciences		
<b>ACADEMIC UNIT</b>	Biosystems & Agricultural Engineering		
<b>LEVEL OF STUDIES</b>	Undergraduate		
<b>COURSE CODE</b>	BAE 1001	<b>SEMESTER</b>	8 <sup>th</sup>
<b>COURSE TITLE</b>	<b>PLACEMENT</b>		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>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</i>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
<b>TOTAL</b>	<b>5</b>	<b>5</b>	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	General Background Specialised general knowledge		
<b>PREREQUISITE COURSES:</b>	There are no prerequisite courses.		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek .-		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	Yes		
<b>COURSE WEBSITE (URL)</b>			

### (2) LEARNING OUTCOMES

<p><b>Learning outcomes</b> <i>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.</i> Consult Appendix A</p> <ul style="list-style-type: none"> <li>• <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications The course offers specialized knowledge in the field of control and regulation of the artificial environment: (1) housing areas for farm animals, (2) ventilated warehouses and (3) cold rooms. It also offers problem-solving skills such as energy and mass balances, calculations of the required ventilation benefits, regulation of the artificial environment, synergy of ventilation-heating-cooling systems, selection of fans and required equipment for the regulation of temperature and humidity in the housing areas of farm animals, ventilated warehouses and cold rooms. Framework of the European Higher Education Area</i></li> <li>• <i>Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i></li> <li>• <i>Guidelines for writing Learning Outcomes</i></li> </ul>
<p>The Internship has a duration of 2 months and can be carried out in a wide variety of organizations such as Private and Public Bodies of Studies and Research, Research Institutes, Industries, Private Companies, Non Governmental Environmental Organizations, etc. It is an opportunity given by the University of Patras to enable a student to be employed in a private or public institution for a short period of time.</p> <p>Among its objectives are the following:</p> <ul style="list-style-type: none"> <li>- the students' contact with the working reality of their future profession</li> <li>- the familiarity with the requirements of the labor market</li> <li>- the formation of professional consciousness</li> <li>- the most essential assimilation of scientific knowledge through the process of scientific and professional practice – the encouragement of self-activity and the highlighting of the skills of the trainees</li> <li>- encouraging the entrepreneurship of young scientists</li> </ul>

<b>General Competences</b>	
<i>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?</i>	
<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>
<i>Decision-making</i>	<i>Respect for the natural environment</i>
<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Team work</i>	<i>Criticism and self-criticism</i>
<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment</i>	<i>.....</i>
<i>Production of new research ideas</i>	<i>Others ...</i>
<i>.....</i>	<i>.....</i>
<b>Autonomous work</b> <ul style="list-style-type: none"> <li>• Teamwork</li> <li>• Adaptation to new situations</li> <li>• Work in an interdisciplinary environment</li> <li>• Respect for diversity and multiculturalism</li> <li>• Respect for the natural environment</li> <li>• Exercise criticism and self-criticism</li> <li>• Promotion of free, creative and inductive thinking</li> <li>• Project planning and management</li> </ul>	

### (3) SYLLABUS

Realization of the two-month Internship at the facilities of the selected organization
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### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b> <i>Face-to-face, Distance learning, etc.</i>	Face-to-face briefing, remote assistance and control of the facts														
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b> <i>Use of ICT in teaching, laboratory education, communication with students</i>	<ul style="list-style-type: none"> <li>• • Providing instructions and assistance to students before and during the start</li> <li>• • Internship, posting of educational material in the e-class, check ex</li> <li>• • distance (by phone) during execution of the PA</li> </ul>														
<b>TEACHING METHODS</b> <i>The manner and methods of teaching are described in detail.</i> <i>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.</i> <i>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 ECTS</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Activity</i></th> <th style="text-align: center;"><i>Semester workload</i></th> </tr> </thead> <tbody> <tr> <td>Training</td> <td style="text-align: center;">110</td> </tr> <tr> <td>Reports</td> <td style="text-align: center;">15</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td>Course total</td> <td style="text-align: center;"><b>125</b></td> </tr> </tbody> </table>	<i>Activity</i>	<i>Semester workload</i>	Training	110	Reports	15							Course total	<b>125</b>
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<b>STUDENT PERFORMANCE EVALUATION</b> <i>Description of the evaluation procedure</i> <i>Language of evaluation, methods of evaluation, summative or conclusive, multiple</i>	The supervising professor checks and confirms the successful completion of the PA. Among the obligations of each Academic Supervisor is the periodic control of the student's course of PA. This control is planned to be carried out by telephone contact of the Academic Supervisor with the person in charge of the student's employment agency. After the completion of the two-month employment at the PA institution, each student hands over to his Academic Supervisor the "Student Work Diary" in which the														

<p><i>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</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p>student's activities are written on a daily basis, as well as a questionnaire that will have been completed by the PA implementing institution . Finally, each Academic Supervisor prepares and submits to the PA Committee the student's Evaluation Report, so that the student can register the PA course, but also get his compensation.</p>
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**(5) RECOMMENDED LITERATURE in Greek**

*Suggested bibliography:*

