

Internship Module Outline

1. GENERAL ASPECTS

SCHOOL	School of Science and Technology		
PROGRAMME	Studies in Natural Sciences		
LEVEL OF STUDIES	Level 6 of the Hellenic and European Qualifications Framework		
PRACTICAL TRAINING MODULE CODE	FYE PA	YEAR	4 th
PRACTICAL TRAINING MODULE TITLE	PRACTICAL TRAINING MODULE		
INDEPENDENT TEACHING ACTIVITIES <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>		HOURS	CREDITS
Physical presence in an implementing organization: 290 hours		500	20
PRACTICAL TRAINING MODULE TYPE <i>Compulsory/Elective/Mandatory Optional</i>	<i>Elective</i>		
PRACTICAL TRAINING MODULE DESCRIPTION <i>general background, special background, specialised, general knowledge, skills development</i>	<i>special background, specialised, general knowledge, skills development</i>		
PREREQUISITE MODULES	the modules of the three first years		
LANGUAGE OF INSTRUCTION and EXAMINATIONS	Greek		
IS THE PRACTICAL TRAINING MODULE OFFERED TO ERASMUS STUDENTS	NO		
PRACTICAL TRAINING MODULE WEBSITE (URL)	The Practical Training Module has its own space in the digital learning environment of HOU (https://study.eap.gr/login/index.php) with controlled access (using a code) for students and Teaching Staff.		

2. LEARNING OUTCOMES

Learning outcomes

The learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the Practical Training Module 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

LEARNING OUTCOMES

Knowledge:

Upon successful completion of the Practical Training Module, students are expected to:

- Identify and distinguish research, technology, innovation and entrepreneurial bodies, depending on the organization selected for the implementation of their internship.

- Utilize the range and type of services provided by the research, technology, innovation and entrepreneurship bodies where they carried out their internship.

Skills:

Upon successful completion of the Internship Module, students are expected to:

- Develop programming, collaboration, productivity, efficiency and responsibility skills, assessing the quality of their work in order to transition smoothly and effectively into the professional environment.
- Apply basic principles of professional conduct in the modern labour market so as to identify the employment sector that best matches their skills and interests.

Competences:

Upon successful completion of the Internship Module, students are expected to:

- Connect the productive sector with the academic community by creating an environment of two-way communication, information exchange, understanding and meaningful collaboration between the University and the Internship host organizations, aiming to achieve mutual benefits.
- Make use of the professional experience they gained from businesses, organizations and the modern labour market in order to strengthen their ability for a smooth and productive integration into the professional environment.

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 Practical Training Module 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

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

The general skills that the students will acquire are:

- 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 design and management

-respect to natural environment

-showing social, professional and ethic responsibility and sensitivity to gender issues

-criticism and self-criticism

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3. SYLLABUS

Purpose of Practical Training Module

The purpose of the Internship Module is the first acquaintance of the students with the professional/working field in order to gain extroversion, get acquainted with market trends and pertinent required skills, based on the first application of their knowledge on the work sector of their PTM as well as the acquaintance with the characteristics of the professional/work field

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	- In person attendance at host entity for the implementation of the Practical Training for a period of twenty (20) weeks and a duration of 290 hours Personal communication and feedback (advisory role of Adjunct Faculty)																						
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	<u>During GCMs and teaching the following are used:</u> - Remote meetings tools (webex, Teams), - Presentation software (PowerPoint, educational video - animations etc.), - Specialized software/databases for the subjects under study (NCBI PubMed, NCBI Blast, EndNote etc.). In addition, students use office automation tools, web browsers and e-reader for digital books. <u>Communication with the students is supported by:</u> - The digital platform of HOU (https://study.eap.gr/login/index.php) (course information, educational material posts, announcements, messages, examination results, user groups, discussion forums etc.). - e-mail																						
TEACHING METHODS <i>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 ECTS</i>	<table border="1"> <thead> <tr> <th>Activity</th><th>Year Workload</th></tr> </thead> <tbody> <tr> <td>Individual study - Preparation</td><td>15</td></tr> <tr> <td>Practical training with physical presence in an implementing organization (20 weeks * 14.5 hours)</td><td>290</td></tr> <tr> <td>1st Monthly Progress Report</td><td>4</td></tr> <tr> <td>2nd Monthly Progress Report</td><td>4</td></tr> <tr> <td>3rd Monthly Progress Report</td><td>4</td></tr> <tr> <td>4th Monthly Progress Report</td><td>4</td></tr> <tr> <td>5th Monthly Progress Report</td><td>4</td></tr> <tr> <td>Preparation of the final project</td><td>174</td></tr> <tr> <td>Oral Presentation</td><td>1</td></tr> <tr> <td>Total Workload</td><td>500</td></tr> </tbody> </table>	Activity	Year Workload	Individual study - Preparation	15	Practical training with physical presence in an implementing organization (20 weeks * 14.5 hours)	290	1 st Monthly Progress Report	4	2 nd Monthly Progress Report	4	3 rd Monthly Progress Report	4	4 th Monthly Progress Report	4	5 th Monthly Progress Report	4	Preparation of the final project	174	Oral Presentation	1	Total Workload	500
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STUDENT PERFORMANCE EVALUATION <i>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</i>	<u>Students' evaluation – Grade assessment of a Practical Training Module:</u> Grade assessment of a Practical Training Module FYEPA results from the following axes: a1. Educational Activities (EA) with a 10% weighting factor in the final grade of the Practical Training Module. a2-. Monthly Reports (MR) with a 10% weighing factor in the final grade of the Practical Training Module. a3. Final Assignment (FA) with a 50% weighting factor in the final grade of the Practical Training Module. a4. Oral Presentation (OP) with a 20% weighting factor in the final grade of the Practical Training Module.																						

Specifically-defined evaluation criteria are given, and if and where they are accessible to students.

The **final grade of FYE PA**, on a scale of 10, is calculated as follows:
Final Practical Training Module Grade = (EA× 0.1) +(MR × 0.1)+ (FA × 0.5) + (OP × 0.3).

Language of evaluation: Greek

5. ATTACHED BIBLIOGRAPHY

- Suggested bibliography: Depending on the host entity selection
- Related academic journals:- Depending on the host entity selection