**COURSE OUTLINE**

## 1. GENERAL

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| **SCHOOL** | School of Food and Nutritional Sciences | | |
| **ACADEMIC UNIT** | Department of Food Science and Human Nutrition | | |
| **LEVEL OF STUDIES** | Undergraduate | | |
| **COURSE CODE** | **3470** | **SEMESTER** | **9** |
| **COURSE TITLE** | Development of Scientific and Professional Skills | | |
| **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 | | 3 | 3 |
| | | | |
| *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* | General Knowledge and Skills Development | | |
| **PREREQUISITE COURSES:** | | | |
| **LANGUAGE OF INSTRUCTION and EXAMINATIONS:** | Greek and English | | |
| **IS THE COURSE OFFERED TO ERASMUS STUDENTS** | yes | | |
| **COURSE WEBSITE (URL)** | | | |

## 2. LEARNING OUTCOMES

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| **Learning outcomes**<br>*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.*<br>*Consult Appendix A*<br>*Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*<br>*Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*<br>*Guidelines for writing Learning Outcomes* |
| The course is a basic introductory course on topics related to the use of information and communication technologies (ICT) for digital research, online publications as well as the methodology for the organization and production of digital material for conferences and workshops.<br>Upon successful completion of the course, the student will be able to:<br>• Has an understanding of the importance of digital research and its benefits<br>• Has an understanding of the importance of online publication specifications.<br>• Has an understanding of databases and digital journals with scientific publications |

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| • Can deliver a lecture or presentation using ICT<br>• Familiarity with digital data analysis. |
| **General Competences**<br>*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?*<br>*Search for, analysis and synthesis of data and information, with the use of the necessary technology*<br>*Adapting to new situations*<br>*Decision-making*<br>*Working independently*<br>*Teamwork*<br>*Working in an international environment*<br>*Working in an interdisciplinary environment*<br>*Production of new research ideas*<br>*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 gender issues*<br>*Criticism and self-criticism*<br>*Production of free, creative and inductive thinking*<br>*……*<br>*Others…* |
| • Search, analysis and synthesis of data and information, using the necessary technologies<br>• Decision making<br>• Autonomous work<br>• Teamwork<br>• Work in an international environment<br>• Work in an interdisciplinary environment<br>• Generation of new research ideas |

## 3. SYLLABUS

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| • Databases and digital journals with scientific publications.<br>• Online organizations and scientific associations dealing with the Science of Food and Nutrition.<br>• Methodology for designing and producing material for online publication.<br>• Carrying out a lecture or presentation using Information and Communication Technologies (ICT). |

## 4. TEACHING and LEARNING METHODS - EVALUATION

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| **DELIVERY**<br>*Face-to-face, Distance learning, etc.* | Lectures– Discussion of case studies |
| **USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY**<br>*Use of ICT in teaching, laboratory education, communication with students* | Power Point presentations |
| **TEACHING METHODS**<br>*The manner and methods of teaching are described in detail.*<br>*Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching,* | |

| ***Activity*** | ***Semester workload*** |
|---|---|
| Lectures | 50 |
| Out-of-class study hours | 25 |

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| *educational visits, project, essay writing, artistic creativity, etc.*<br><br>*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* | Course total **75** |
| **STUDENT PERFORMANCE EVALUATION**<br>*Description of the evaluation procedure*<br><br>*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*<br><br>*Specifically defined evaluation criteria are given, and if and where they are accessible to students.* | Each student will take a written theory exam and prepare a fifteen (15) minute presentation. |

**ATTACHED BIBLIOGRAPHY**

- *Suggested bibliography:*

Davis, Martha, 2005 Scientific papers and presentations, 2nd ed. Academic Press

- *Related academic journals:*