**COURSE SYLLABUS**

***ETHICS AND ACADEMIC INTEGRITY***

**1. Program identification details**

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| --- | --- |
| 1.1 Higher education institution | „Ovidius” University of Constanta |
| 1.2 Faculty | Matematics and Informatics |
| 1.3 Department | Matematics and Informatics |
| 1.4 Field of studies | **Informatics** |
| 1.5 Cycle of studies (degree) | Master |
| 1.6 Degree program/qualification | Cyber Security and Machine Learning |
| 1.7 Academic year | 2022-2023 |

**2. Course identification details**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 2.1 Course title | | | Ethics and Academic Integrity | | | | |
| 2.2 Course code | | | FMI.CSML.I.2.08 | | | | |
| 2.3 Instructor | | | - | | | | |
| 2.4 Teaching assistant | | | Lecturer Sburlan Cristina, PhD. | | | | |
| 2.5 Year | I | 2.6 Semester | 2 | 2.7. Evaluation type | C | 2.8 Course type \*/\*\* | DSI/DI |

*\* DF – fundamental course, DD – field course, DS – specialty course, DC – complementary course, DAP – advanced study course, DSI – synthesis course, DCA – advanced knowledge course.*

*\*\* DI – mandatory course; DO – optional course.*

**3. Estimated workload (hours per semester)**

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| --- | --- | --- | --- | --- | --- | --- |
| 3.1 Number of teaching hours/week | 1 | | of which:  3.2 course | 0 | 3.3 applications*\*\*\**  S | 1 |
| 3.4 Total of teaching hours within the program/semester | 14 | | of which:  3.5 lecture | 0 | 3.6 seminar | 14 |
| **3.7 Student workload for individual study** | | | | | | 36 |
| ***Distribution of workload*** | | | | | | [hours] |
| Individual study of texbooks, handbooks/reader, bibliography and notes | | | | | | 14 |
| Additional research (library, electronic resources, fieldwork) | | | | | | 10 |
| Homework (preparing seminar presentations, portfolios, critical essays, research papers, etc.) | | | | | | 10 |
| Individual consultations (optional) | | | | | | 0 |
| Evaluations / exams | | | | | | 2 |
| Other activities | | | | | | 0 |
| **3.8 Total hours per semester** | | 50 | | | | |
| **3.9 Number of credits** | | 2 | | | | |

*\*\*\* S - seminar; L - laboratory; P - project*

**4. Prerequisites (if any)**

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| --- | --- |
| 4.1 Curriculum-related | - |
| 4.2 Skills-related | - |

**5. Requirements (if any)**

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| --- | --- |
| 5.1. For running the course | - |
| 5.2. For running the seminar / laboratory /project  *\*The type is to be chosen according to the discipline* | Classroom/seminar room available/ Online platform Cisco Webex/Ms Teams |

**6. Acquired specific skills**

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| --- | --- |
| Professional skills | 1. Ability to apply rules and good practices in the use of documentation sources. 2. Ability to effectively use various sources of documentation. 3. Ability to analyze and synthesize the information obtained. 4. Ability to do academic work. 5. The ability to disseminate the results of a research in different forms. 6. Ability to work in research teams. |
| Cross-cutting skills | 1. Reactivity and interest in consolidating academic integrity in the university. 2. Responsibility in protecting intellectual property. |

**7. Course goal and objectives**

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| --- | --- |
| 7.1 The general objective of the course | Acquiring and applying in the final studies the concepts, modern methodologies, specific to the field, for initiating, preparing, carrying out, writing and presenting a quality, credible and competitive scientific paper. |
| 7.2 Specific objectives | Knowing the ethical principles that govern higher education in our country, writing a bachelor's / dissertation, writing an article for a journal. |

**8. Contents**

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| --- | --- | --- |
| **8.1 Lecture** | **Teaching methods** | **Number of hours** |
| - | - | - |
| **Bibliography:**  - | | |

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| --- | --- | --- |
| **8.2 Applications\* (seminar / laboratory / project)**  *\*The type is to be chosen according to the discipline* | **Teaching methods** | **Number of hours** |
| 1. Introductory aspects of ethics and academic integrity | Interactive teaching-learning methods;  Dialogue;  Conversation;  Active and interactive methods;  Methods that contribute to the development of critical thinking;  Problematization, case study, debate, heuristic conversation, critical analysis, exercise;  Online training /  Online learning through collaborative group activities coordinated by teacher /  Online collaborative learning platforms. | 1 hour |
| 1. Values and ethical principles that govern higher education in Romania | 2 hours |
| 1. The originality of scientific research | 1 hour |
| 1. A guide for writing a bachelor's / dissertation thesis | 3 hours |
| 1. How to write an article for a specialized journal | 2 hours |
| 1. Dissemination of research results. The role of peer review | 1 hour |
| 1. About plagiarism | 1 hour |
| 1. Electronic means of verifying plagiarism | 1 hour |
| 1. The role of peer review | 1 hour |
| 1. Norms of ethics of the university community | 1 hour |
| **Bibliography:**   1. A. Borja, *11 steps to structuring a science paper editors will take seriously*, <https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously> 2. V. Ene, *Metodologia cercetarii stiintifice si protejarea proprietatii intelectuale*; 3. M. Gavrilescu, *Strategia elaborarii lucrarilor stiintifice publicabile in reviste stiintifice internationale (incluse in baze de date si WEB of Science)*, Universitatea Tehnica Gheorghe Asachi din Iasi, <https://www.academia.edu/15281818/> 4. P. LaPlaca, A. Lindgreenb, Joelle Vanhammed, *How to write really good articles for premier academic journals,* Industrial Marketing Management 68 (2018), 202-209. 5. I. Lumperdean, *Ghidul lucrărilor de licenţă şi disertaţie*, [www.econ.ubbcluj.ro](http://www.econ.ubbcluj.ro) 6. I. Rad, *Cum se scrie un text ştiinţific*, Iaşi, Ed. Polirom, 2008. 7. M. Radulescu, *Metodologia cercetarii stiintifice. Elaborarea lucrarii de licenta, masterat, doctorat.* Bucuresti, Ed. Didactica si Pedagogica, 2006.   **Norms:**   1. *Legea nr. 206/2004 privind buna conduită în cercetarea ştiinţifică, dezvoltarea tehnologică şi inovare, cu modificările si completările ulterioare,* <http://www.legex.ro/Legea-206-2004-42874.aspx> 2. *Legea educației naționale nr.1/2011, cu modificările și completările ulterioare,*  <https://www.edu.ro/sites/default/files/_fi%C8%99iere/Minister/2017/legislatie%20MEN/Legea%20nr.%201_2011_actualizata2018.pdf> | | |

**9. Correlation between the content of the course and the needs/expectations of the epistemic community, professional associations and/or significant employers relevant for the program**

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| --- |
| Preparing graduates for a profession in the field of cyber security and machine learning. |

**10. Evaluation**

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| --- | --- | --- | --- |
| **Type of activity** | **10.1 Evaluation criteria** | **10.2 Evaluation methods** | **10.3 Percentage of final grade** |
| * 1. **Course** | - | - | - |
| **10.5 Applications\***  (Seminar/Laboratory / Project)  *\*The type is to be chosen according to the discipline* | Presence and active participation in the seminar | Colloquim | 10% |
| 1 Essay | Presentation of the essay - Colloquim | 70% |
|  |  | Final examination – Colloquim | 20% |
| **10.6 Minimum standard of achievement for the acquisition of the ECTS credits:** grade 5/10 | | | |
| Learning specific terminology and rules of good conduct in scientific research. | | | |

Date of completion Course Instructor, Teaching Assistant, 20.09.2022 Surname/First Name/Signature Surname/First Name/Signature

- Lecturer Sburlan Cristina, PhD.

Date of approval in the Department Head of Department, 27.09.2022 Surname/First Name/Signature

Assoc. Prof. Puchianu Crenguta, PhD.

Dean,

Surname/First Name/Signature

Assoc. Prof. Nicola Aurelian, PhD.