



No. _____ of _____

USAMV form 0124010105

SUBJECT OUTLINE**1. Information on the programme**

1.1. Higher education institution	University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca
1.2. Faculty	Agriculture
1.3. Department	III – Environmental and plant protection
1.4. Field of study	Environment engineering
1.5. Cycle of study ¹	Master
1.6. Specialization/ Study programme	Protection of natural and anthropic systems
1.7. Form of education	Full time

2. Information on the discipline

2.1. Discipline name	Academic ethics and integrity							
2.2. Course coordinator	Asist. dr. Mihai Rusu							
2.3. Seminar/ laboratory/ project coordinator	-							
2.4. Year of study	1	2.5. Semester	I	2.6. Evaluation type	continuous	2.7. Discipline status	Content ²	DC
							Compulsoriness ³	DI

3. Total estimated time (teaching hours per semester)

3.1. Hours per week - full time programme	1	out of which: 3.2. lecture	1	3.3. seminar/ laboratory/ project	-
3.4. Total number of hours in the curriculum	14	out of which: 3.5. lecture	14	3.6. seminar/ laboratory	-
Distribution of the time allotted					hours
3.4.1. Study based on books, textbooks, bibliography and notes					40
3.4.2. Additional documentation in the library, electronic platforms and field experiences					30
3.4.3. Preparing seminars/ laboratories/ projects, subjects, reports, portfolios and essays					30
3.4.4. Tutorials					2
3.4.5. Examinations					2
3.4.6. Other activities					
3.7. Total hours of individual study	104				
3.8. Total hours per semester	118				
3.9. Number of credits ⁴	4				

4. Prerequisites (if applicable)

4.1. curriculum-related	-
4.2. skills-related	-

5. Conditions (if applicable)

5.1. for the course	The course is interactive, students can ask questions regarding the content of the lecture. Academic discipline requires compliance from the start to the end of the course. We do not allow any other activities during the lecture, mobile phones will be closed down.
5.2. for the seminar/ laboratory/ project	-

6. Cumulated specific competences

Professional competences	Knowledge, assimilation and application of the main rules, principles and guidelines in academic conduct, in this case, in carrying out research projects and scientific papers, in relations with teachers, researchers and colleagues in the academic environment, in regulating relations with educational institutions and research (universities, research and development institutes, higher academic forums) and private companies.
Transversal competences	Knowledge of the specific terminology of the discipline. Identifying opportunities for continuous training and the efficient use of information sources and professional ethics resources - specialized sites, databases, internet portals. Integration into diverse work groups and teamwork

7. Discipline objectives (based on the cumulated specific competences)

7.1. General objective	The study of the most important ethical rules and principles and codes of academic conduct, at a theoretical and applied level.
7.2. Specific objectives	Knowledge and application of practices and regulations specific to the field and of the various activities that students can carry out during university education, but also of a possible career in higher education and / or research (carrying out projects and scientific studies, participating in competitions for grants, interviews) and employment competitions, integration in field work or laboratory teams, coordination and mentoring, etc.)

8. Content

8.1. COURSE Number of hours 14	Teaching methods	Observation
1. Introduction. Theoretical distinctions: moral, ethics, deontology. Science as a social practice. Why does science need ethics?	Lecture and interactive course	1 lecture
2. Intra- and inter-institutional professional relations (teacher-student, researcher-institution, researcher-researcher, etc.) Rights and responsibilities. Assessment and mentoring	Lecture and interactive course	1 lecture
3. Collection, interpretation and use of data. Abuse, misrepresentation. Ethical issues raised by the use of human and animal subjects. Case studies	Lecture and interactive course	1 lecture
4. Writing, publishing and dissemination. Authorship practices. Establishing and respecting contributions and intellectual property rights. Plagiarism. Case studies	Lecture and interactive course	1 lecture
5. The grant proposal. Research funding. Collaboration, competition and critical evaluation. The ethical dimension and the practical results. Conflicts of interest	Lecture and interactive course	1 lecture
6. Codes of ethics and regulations of academic conduct. What should be done when we notice a deviation from professional ethics? 'Whistleblowing': merits and risks	Lecture and interactive course	1 lecture
7. Integrity, transparency and accountability. The construction of an institutional culture based on these values. Conclusions. Institutional responsibility and individual responsibility. The role of the researcher	Lecture and interactive course	1 lecture

8.2. PRACTICAL WORKS Number of hours -	Teaching methods	Observation
-		

Compulsory bibliography:

1. Copoeru, Ion, Szabo, Nicoleta (coord.), *Etică și cultură profesională*, Casa Cărții de Știință, Cluj-Napoca, 2007.
2. Iorga, Magdalena, *Câmpul universitar și cultura morală. Valori. Dileme. Coduri etice*, Editura Timpul, Iași, 2011.
3. Miroiu, Mihaela, *Introducere în etica profesională*, Editura Trei, București, 2001.
4. Mureșan, Valentin, *Managementul eticii în organizații*, Editura Universității din București, București, 2009.
5. Socaciu, Emanuel; Vică, Constantin; Mihailov, Emilian; Gibeau, Toni; Mureșan, Valentin; Constantinescu, Mihaela, *Etică și integritate academică*, Editura Universității din București, 2018.

Optional bibliography:

1. Committee on Science, Engineering, and Public Policy, National Academy of Sciences, National Academy of Engineering, and Institute of Medicine, *On Being a Scientist. A Guide to Responsible Conduct in Research*, ediția a treia, The National Academic Press, Washington D.C., 2009.
2. Oliver, Paul, *The student's guide to research ethics*, ediția a doua, Open University Press, Maidenhead, 2010.
3. Stewart, C. Neal jr., *Research Ethics for Scientists. A Companion for Students*, Wiley-Blackwell, 2011.
4. Whitbeck, Caroline, *Ethics in Engineering Practice and Research*, ediția a doua, Cambridge University Press, New York, 2011.

9. Corroborating the discipline content with the expectations of the epistemic community representatives, of the professional associations and of the relevant employers in the corresponding field

The taught processes and capitalizes on the latest contributions in the field of professional ethics, with application to university education and research. Similar courses, textbooks and compendiums from the educational systems in which the academic ethics has been implemented and taught for the longest time and which have a significant research tradition in the field (USA, UK, France, Scandinavian countries) were considered.

10. Evaluation

Type of activity	10.1. Evaluation criteria	10.2. Evaluation type	10.3. Percentage of the final grade
10.4. Course	- Knowledge of the basic notions, systems, principles and rules of academic conduct in teaching, learning, research and institutional relations and activities	Continuous: - Three in-class work assignments - Final paper (individual project)	100%
10.5. Seminar/Laboratory	-	-	-
10.6. Minimum performance standards			
The assimilation of the information from the courses and seminars. The minimal mark for validating the exam is 5 (five).			

- 1 Cycle of studies - choose one of the three options: Bachelor/Master/Ph.D.
- 2 according to the educational plan
- 3 Discipline status (compulsoriness) - choose one of the options - DI (compulsory discipline) DO (optional discipline) DFac (facultative discipline).
- 4 One credit is equivalent to 25-30 hours of study (teaching activities and individual study).

Filled in on
04.09.2019

Course coordinator
Asist. univ. dr. Mihai Rusu

Laboratory work/seminar coordinator

Approved by the
department on
05.09.2019

Head of the Department
Prof.dr. Ioan OROIAN