COURSE SYLLABUS

1. Data about the program

1.1 Higher education institution	Babeș-Bolyai University
1.2 Faculty	Faculty of Biology and Geology
1.3 Doctoral school	Theoretical and Applied Geology
1.4 Field of study	Geology
1.5 Study cycle	Doctorate
1.6 Study program / Qualification	Doctoral training / PhD in Geology

2. Course data

2.1 Name of discipline	**Research methods, ethics and academic integrity**						
2.2 Teacher responsible for lectures	Assoc. Prof. PhD Emanoil Săsăran						
2.3 Teacher responsible for seminars	Assoc. Prof. PhD Emanoil Săsăran						
2.4 Year of study	1	2.5 Semester	2	2.6. Type of evaluation	Exam	2.7 Course framework	Oblig

3. Estimated total time of teaching activities (hours per semester)

3.1 Hours per week	4	Out of which: 3.2 Lectures	2	3.3 Seminars / Laboratory classes	2
3.4 Total hours in the curriculum	48	Out of which: 3.5 Lectures	24	3.6 Seminars / Laboratory classes	24

Allocation of study time:	hours
Study supported by textbooks, other course materials, recommended bibliography and personal student notes	30
Additional learning activities in the library, on specialized online platforms and in the field	20
Preparation of seminars / laboratory classes, topics, papers, portfolios and essays	15
Tutoring	2
Examinations	2
Other activities: -	0

3.7 Individual study (total hours)	65
3.8 Total hours per semester	117
3.9 Number of credits	10

4. Preconditions (where applicable)

4.1 Curriculum	•
4.2 Competences	•

5. Conditions (where applicable)

5.1 Conducting lectures	• Video support, computer
5.2 Conducting seminars / laboratory classes	

6. Specific competences acquired

Professional competences	Development of the capacity to elaborate a research project, to lead a team of researchers for the good development of the project, as well as to capitalize on the research results
Transversal competences	Ability to identify and solve problems of an ethical nature and implement codes of ethics and professional ethics in research and capitalization of research results

7. Course objectives (based on the acquired competencies grid)

7.1 The general objective of the course	• the assimilation of some general knowledge regarding the academic ethics, the deontology of the research in geosciences, from the choice of the research topic to the capitalization of the research results
7.2 Specific objectives	• acquiring knowledge regarding research methods in geology, drafting a research project, acquiring the knowledge necessary to write a scientific paper, respecting the deontological norms

8. Content

8.1 Lectures	Teaching methods	Comments
1. Introduction. Ethics and integrity in contemporary philosophy	Presentation, discussion, case studies	
2. Moral psychology. Integrity: concept, principles and values		
3. Ethical principles		
4. Ethics and integrity in academia. Definitions and concepts		
5. The moral specifics of academic life. University codes of ethics		
6. The Internet and ethical issues. Counterfeiting and plagiarism		
7. Ethical dilemmas in research		
8. Deontology of teamwork		
9. Originality in scientific research		
10. Ethics of research in geosciences		
11. Original articles-contributions in disseminating knowledge results		
12. The structure of a scientific paper in geoscience		

Bibliography:

Cătineanu T., 1982, Elemente de etică, vol. I, vol. II, Editura Dacia, Cluj-Napoca
Haidt, J., 2016. Mintea moralistă. De ce ne dezbină politica şi religia? Editura Humanitas, Bucureşti
Ronson J., 2016. Umilirea publica in epoca internetului, Editura ART, Bucuresti
Sandu A., 2012. Etică și deontologie profesională, Editura Lumen, Iași
Singer, P. 2006. Tratat de etică, Editura Polirom, Iași

Stan E., 1999. Profesorul între autoritate şi putere, Editura Teora, București *** Codul de etica si si deontologie profesionala al UBB		
8.2 Seminars / laboratory classes	Teaching methods	Comments
1. Moral freedom	Discussion	
2. Moral norms and principles	Discussion	
3. Freedom and academic competence	Discussion	
4. Integrity and collegiality in the academic environment	Discussion	
5. Legislation on conduct in scientific research	Discussion	
6. Research ethics. Copyright	Discussion	
7. Ethics and teamwork	Discussion	
8. Defining values in research. Communication and respect shown in the team	Discussion	
9. Defining values in research. Transparency, objectivity, legality	Discussion	
10. Scientific fraud-causes	Discussion	
11. Plagiarism and self-plagiarism	Discussion	
12. Identifying and combating plagiarism	Discussion	
Bibliography: Pleşu A., 2005. Minima moralia, EdituraHumanitas, Bucureşti Socaciu E., Vica C., Mihailov E., Gibea T., Muresan V., Constantinescu M. 2018. Etica si integritate academica, Ed. Universitatii din Bucuresti.		

9. Aligning the contents of the discipline with the expectations of the epistemic community representatives, professional associations and standard employers operating in the program field

10. Examination

Activity type	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Weight in the final grade
10.4 Lectures	Knowing the course content. Ability to make connections in the use of acquired knowledge	oral examination	50%
10.5 Seminars / laboratory classes	The quality of a review, the capacity for analysis and synthesis	Review of a book on the subject of the course	50%
10.6 Minimum performance standard			
Promotion of the theoretical exam, or a properly prepared review			

Date of issue	Signature of the teacher responsible for lectures	Signature of the teacher responsible for seminars
24.02.2022	Assoc. Prof. PhD Emanoil Săsăran	Assoc. Prof. PhD Emanoil Săsăran

Date of approval by the doctoral school council — Signature of the doctoral school director

25.02.2022