

## SYLLABUS

### 1. Information regarding the programme

1.1 Higher education institution	Babes-Bolyai University
1.2 Faculty	of Physics
1.3 Department	Doctoral School of Physics
1.4 Field of study	Physics
1.5 Study cycle	PhD
1.6 Study programme / Qualification	Physics

### 2. Information regarding the discipline

2.1 Name of the discipline	Ethics and academic integrity						
2.2 Course coordinator	Assoc Prof dr habil Baia Monica						
2.3 Seminar coordinator	Assoc Prof dr habil Baia Monica						
2.4. Year of study	I	2.5 Semester	1	2.6. Type of evaluation	E	2.7 Type of discipline	DO

### 3. Total estimated time (hours/semester of didactic activities)

3.1 Hours per week	1.5	Of which: 3.2 course	1	3.3 seminar/laboratory	0.5
3.4 Total hours in the curriculum	18	Of which: 3.5 course	12	3.6 seminar/laboratory	6
Time allotment:					hours
Learning using manual, course support, bibliography, course notes					21
Additional documentation (in libraries, on electronic platforms, field documentation)					10
Preparation for seminars/labs, homework, papers, portfolios and essays					10
Tutorship					12
Evaluations					5
Other activities: .....					-
3.7 Total individual study hours			55		
3.8 Total hours per semester			76		
3.9 Number of ECTS credits			5		

### 4. Prerequisites (if necessary)

4.1. curriculum	
4.2. competencies	

### 5. Conditions (if necessary)

5.1. for the course	<ul style="list-style-type: none"> <li>• Course hall with blackboard, projector and software</li> </ul>
5.2. for the seminar /lab activities	<ul style="list-style-type: none"> <li>• Course hall with blackboard, projector, internet access and software</li> </ul>

## 6. Specific competencies acquired

<b>Professional competencies</b>	<ul style="list-style-type: none"> <li>- Knowledges about the general principles of ethics and academic integrity.</li> <li>- The capacity to understand the main consequences of ethics and integrity in the scientific research.</li> <li>- Practical skills related to the ethics and academic integrity.</li> <li>- Planning and organising skills. Interdisciplinary mindset.</li> </ul>
<b>Transversal competencies</b>	<ul style="list-style-type: none"> <li>- The ability to apply the concepts related to ethics and academic integrity</li> <li>- The capacity to use the principles of ethics and academic integrity in new contexts.</li> <li>- The ability to apply the ethics related knowledge in solving real issues.</li> <li>- Respecting, in accordance with the law, of intellectual property rights (including the technological transfer), product certification methodology, principles, norms and values of professional ethics in the framework of the own rigorous, efficient and responsible strategy of work.</li> <li>- Effective use of information sources and communication resources and training assistance, both in Romanian and in a foreign language.</li> </ul>

## 7. Objectives of the discipline (outcome of the acquired competencies)

7.1 General objective of the discipline	Acquiring knowledge about ethics and academic integrity in general and about scientific research in particular
7.2 Specific objective of the discipline	Acquiring skills related to: <ul style="list-style-type: none"> <li>- ethics</li> <li>- ethics issues related to the research activities</li> <li>- ethics aspects: authorships, plagiarism, conflicts of interests, intellectual properties, etc.</li> <li>- general aspects related to the ethics and academic integrity in the research related to exact sciences</li> </ul>

## 8. Content

8.1 Course	Teaching methods	Remarks
Introduction. Ethics and academic integrity: definitions, principles and responsibilities	Lecture, debate	2 hour
Ethics types. Ethical competency and ethical authority		2 hours
Ethical guides.		2 hour
Academic integrity. Standards of academic integrity		2hour
Plagiarism.		4 hour
Intellectual properties		2 hours

### Bibliography

1. Emanuel Socaciu, Constantin Vică, Emilian Mihailov, Toni Gibea, Valentin Mureşan, Mihaela Constantinescu, *Etică și integritate academică*, Editura Universității din București, 2018.
2. [http://www.bbc.co.uk/ethics/introduction/intro\\_1.shtml](http://www.bbc.co.uk/ethics/introduction/intro_1.shtml)
3. World Conference on Research Integrity. 2010. Singapore Statement. <http://www.singaporestatement.org/statement.html>
4. Camilla Jones Roberts, Shalin Hai-Jew, Issues of Academic Integrity: An Online Course for Students Addressing Academic Dishonesty, *MERLOT Journal of Online Learning and Teaching* Vol. 5, No. 2, June 2009, 182-196.
5. [COPE flowcharts] Committee on Publication Ethics flowcharts. Version one. 2006. <http://publicationethics.org/resources/flowcharts>

6. Roig M. 2015. *Avoiding plagiarism, self-plagiarism, and other questionable writing practices: a guide to ethical writing*. Office of Research Integrity <http://ori.hhs.gov/education/products/plagiarism/0.shtml>
7. Kerans ME, de Jager M. 2010. Handling plagiarism at the editor's desk. *European Science Editing* **36**(3): 62-66. [http://www.ease.org.uk/sites/default/files/ese\\_aug10.pdf](http://www.ease.org.uk/sites/default/files/ese_aug10.pdf)
8. <https://gradschool.unc.edu/academics/resources/ethics.html#intro>

8.2 Seminar / laboratory	Teaching methods	Remarks
Ethics and academic integrity- case studies	Presentations.	1 hour
Ethics and academic integrity- case studies	Discussions	2 hours
Academic dishonesty- case studies		2 hour
Plagiarism. Case studies		2 hours

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1. Emanuel Socaciu, Constantin Vică, Emilian Mihailov, Toni Gibeau, Valentin Mureșan, Mihaela Constantinescu, Etică și integritate academică, Editura Universității din București, 2018.
2. [http://www.bbc.co.uk/ethics/introduction/intro\\_1.shtml](http://www.bbc.co.uk/ethics/introduction/intro_1.shtml)
3. World Conference on Research Integrity. 2010. Singapore Statement. <http://www.singaporestatement.org/statement.html>
4. Camilla Jones Roberts, Shalin Hai-Jew, Issues of Academic Integrity: An Online Course for Students Addressing Academic Dishonesty, MERLOT Journal of Online Learning and Teaching Vol. 5, No. 2, June 2009, 182-196.
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6. Roig M. 2015. *Avoiding plagiarism, self-plagiarism, and other questionable writing practices: a guide to ethical writing*. Office of Research Integrity <http://ori.hhs.gov/education/products/plagiarism/0.shtml>
7. Kerans ME, de Jager M. 2010. Handling plagiarism at the editor's desk. *European Science Editing* **36**(3): 62-66. [http://www.ease.org.uk/sites/default/files/ese\\_aug10.pdf](http://www.ease.org.uk/sites/default/files/ese_aug10.pdf)
8. <https://gradschool.unc.edu/academics/resources/ethics.html#intro>

### 9. Corroborating the content of the discipline with the expectations of the epistemic community, professional associations and representative employers within the field of the program

The content of the discipline is in accordance with the subjects which are studied in the same field in Romanian and foreign universities related to the ethics and academic integrity topics.

### 10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the grade (%)
10.4 Course	Acquired knowledge	exam	50 %
10.5 Seminar/lab activities		Oral presentation	50%
10.6 Minimum performance standards			

Signature of course coordinator  
Assoc.Prof.dr. habil. Monica Baia

Signature of seminar coordinator  
Assoc.Prof.dr. habil. Monica Baia

Date of approval

Signature of the head of department

