




## SYLLABUS Academic year 2024-2025

### 1. Information regarding the programme

1.1. Higher education institution	Universitatea Babeş-Bolyai
1.2. Faculty	Faculty of Business
1.3. Department	Business Administration
1.4. Field of study	Business Administration
1.5. Study cycle	Bachelor
1.6. Study programme / Qualification	Business Administration (English)

### 2. Information regarding the course

2.1. Name of the course	Environmental Economics			
2.2. Code	ILE0034			
2.3. Course coordinator	CS III Dr. Ţenter Ancuţa			
2.4. Seminar coordinator	CS III Dr. Ţenter Ancuţa			
2.5. Year of study	II	2.6. Semester	I	
2.7. Type of evaluation	Continuous (Colocviu)	2.8. Type of course	Optional	

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

3.1. Hours per week	3	Of which: 3.2. lecture	2	3.3 seminar/laboratory	1
3.4. Total hours in the curriculum	42	Of which: 3.5. lecture	28	3.6. seminar/laboratory	14
Time allotment:					hours
Learning using manual, course support, bibliography, course notes					14
Additional documentation (in libraries, on electronic platforms, field documentation)					15
Preparation for seminars/labs, homework, papers, portfolios and essays					15
Tutorship					2
Evaluations					2
Other activities: Exam preparation					10
3.7. Total individual study hours					58
3.8. Total hours per semester					100
3.9. Number of ECTS credits					4

### 4. Prerequisites (if necessary)

4.1. curriculum	-
4.2. competencies	-

### 5. Conditions (if necessary)

5.1. for the course	Course classroom with videoprojector, computer
5.2. for the seminar /lab activities	Seminar classroom with videoprojector, computer

### 6. Specific competencies acquired

	Competence
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Professional competencies	All chapters	C1.3. Applying the appropriate tools for analyzing the relationship of influence exerted by the external environment on the enterprise/organization
Transversal competencies	The evaluation of transversal competences are not directly linked to the discipline content	CT1 Implementing ethical principles, norms, and values within one's own rigorous, efficient, and responsible strategy of work.

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

7.1. General objective of the course	The course aims to present and analyze the relationship of mutual influence between the economy and the natural environment, the requirements of sustainable development and solutions for sustainable development.
7.2. Specific objective of the course	<p>The course aims to:</p> <ul style="list-style-type: none"> <li>- To provide students with the theoretical and practical foundations of environmental economics.</li> <li>- To develop a better understanding of the interaction between the economy and the natural environment and especially of the ecological crisis, seen as a consequence of development.</li> <li>- To develop a better understanding of the nature and role of sustainable development, which can mitigate the damage done to the environment so far and prevent future destruction.</li> <li>- To increase awareness of the fact that the achievement of sustainable development requires the correct management of biodiversity, renewable and non-renewable energy sources, the management of natural and anthropogenic risks, the reduction of the consequences of global climate change, relevant economic evaluations of the environment, etc.</li> <li>- To increase the degree of knowledge of sustainable development strategies at the European and national level.</li> </ul>

## 8. Content

8.1. Curs	Metode de predare	Observații
Introduction to the notions of the environment, Ecology, Environmental protection	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Sustainable development international context	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Goals for sustainable development	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Tools of environmental policies	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course



Environmental Fund	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Elements of environmental management	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Implementation of an SMM environmental system	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Anthropogenic impact in the ecosphere	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Economic activity and pollution benefits versus negative effects	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
The impact of industry and accelerated development on the environment	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
The impact of agriculture and forestry on the environment	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
The impact of transport and tourism on the environment	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
The global coronavirus pandemic - economic impact and environmental consequences	Interactive presentation, PPT presentation, student involvement by discussing some applied topics to be solved during the semester	1 course
Synthesis of presented notions	Interactive presentation, PPT presentation, student participatory presentation through the analysis of applied home assignments	1 course
References	<ol style="list-style-type: none"> <li>1. Azqueta, D. (2002), <i>Introducción a la Economía Ambiental</i>, Ed. Mc Graw Hill, Madrid.</li> <li>2. Bădileanu, M. (2002), <i>Economia protecției mediului înconjurător</i>, Ed. Sylvi, București.</li> <li>3. Beaumais, O. (coord.) (2002), <i>Économie de l'environnement. Méthodes et débats</i>, Ed. Documentation française, Paris.</li> <li>4. Bleahu, M. (2001), <i>Privește înapoi cu mânie... Privește înainte cu spaimă</i>, Ed. Economică, București.</li> <li>5. Bobeică, V. (2007), <i>Producerea durabilă</i>, Universitatea de Stat din Moldova, Ministerul Ecologiei și Resurselor Naturale, Chișinău.</li> <li>6. Bran, F., Simon, T., Nistoreanu, P. (2000), <i>Ecoturism</i>, Ed. Economică, București.</li> <li>7. Brown, R. L. (2001), <i>Eco-economie. Crearea unei economii pentru planeta noastră</i>, Ed. Tehnică, București.</li> <li>8. Bürgermeier B. (2005), <i>Économie du développement durable</i>, Ed. De Boeck, Bruxelles.</li> <li>9. Burny, Ph, Petrescu, D. C. (2008), <i>Environmental Economics</i>, EFES, Cluj-Napoca, Les Presses Agronomiques de Gembloux ASBL, Gembloux.</li> <li>10. Clemente, G., Sanjuán, N., Vivancos, J. L. (editori) (2005), <i>Análisis de Ciclo de Vida: Aspectos Metodológicos y Casos Prácticos</i>, Ed. Universidad Politécnica de Valencia, Valencia.</li> <li>11. Daly, H., Farley, J. (2004), <i>Ecological Economics</i>, Island Press.</li> <li>12. Fabian, A, Onaca, R. (1999), <i>Ecologie aplicată. Cine se teme de ecologie?</i>, Casa de editură Sarmis, Cluj-Napoca.</li> <li>13. Ghereș, M. (2003), <i>Agroturism</i>, Ed. Risoprint, Cluj-Napoca.</li> </ol>	



14. Ghereș, M., Rusu, T., Ghereș, M. I. (2003), *Economia mediului și protecția agrosistemelor*, Ed. Risoprint, Cluj-Napoca.
15. Grecu, I. (2003), *Economia și Managementul de Mediu*, Ed. Europolis, Constanța
16. Horaicu, C. (2004), *Monitorizarea integrată a mediului*, Ed. Tipo Moldova, Iași.
17. Ionescu, T., Petrescu, D. C. (2006), *Studii de istorie a gândirii economice*, EFES.
18. Kotler, Ph, Lee, N. (2005), *Corporate Social Responsibility. Doing the Most Good for Your Company and Your Cause*. John Wiley & Sons, Inc., Hoboken, New Jersey.
19. Negrei, C. (2002), *Economia și politica mediului*, Ed. ASE, București
20. Mankiw, G. (2007), *Principles of Microeconomics*, 4th ed, Thomson South-Western publication.
21. Manoliu, M., Ionescu, C. (1998), *Dezvoltare durabilă și protecția mediului*, HGA, București, p. 105-117.
22. Negucioiu, A., Petrescu, D. C. (2006), *Introducere în Eco-Economie*, EFES.
23. Pârvu, C. (2001), *Ecologie generală*, Ed. Tehnică, București.
24. Petrescu, D. C. (2006), *Economia integrării europene*, Ed. Carpatica, Cluj-Napoca.
25. Petrescu, I. (coord.) (2002), *Catastrofe geologice*, Ed. Dacia, Cluj-Napoca.
26. Petrescu-Mag, R. M. (2007), *Politica Agricolă Comună – trecut, prezent și viitor*, EFES, Cluj-Napoca.
27. Petrescu-Mag R. M. (2011) *Protecția mediului în contextul dezvoltării durabile. Legislație și instituții*. Editura Bioflux.
28. Petrescu-Mag, R. M. (2008), *Politici, instituții și legislație pentru mediu*, Ed. AcademicPres, Cluj-Napoca.
29. Riera, P., García, D., Kriström, B., Brännlund R. (2005), *Manual de Economía Ambiental y de los Recursos Naturales*, Ed. Thomson, Madrid.
30. Ristoiu, T., Ristoiu, D. (2004), *Elemente de ecologie*, Ed. U.T. Pres, Cluj-Napoca.
31. Rojanschi, V., Bran, F., Diaconu, Gh. (2002), *Protecția și ingineria mediului*, Ed. Economică, București.
32. Rojanschi, V., Bran, F., Grigore, F. (2004), *Elemente de economie și managementul mediului*, Ed. Economică, București. Stanciu, S. (2002), *Marketing general. Particularități în organizații non-profit*, Ed. Dareco, București.
33. Teleuță, Al., Duca, Gh., Stratan, A., (2003), *Economia mediului și dezvoltarea durabilă*, Ed. UASM, Chișinău.
34. Vișan, S., Angelescu, A., Alpopi C. (2000) *Mediul înconjurător. Poluare și protecție*, ed. a II a, Ed. Economică, București.
35. Zaharia, C. (2004), *Energia și mediul*, Ed. Universității „Alexandru Ioan Cuza”, Iași, p. 5-154.
36. \*\*\* (2002), *Semne vitale 2002*, Worldwatch Institute, Ed. Tehnică, București

8.2. Seminar		Teaching method	Remarks
	Introduction to the notions of the environment, Ecology, Environmental protection	Exemplification, analysis, case studies	1 seminar
	Sustainable development international context	Exemplification, analysis, case studies	1 seminar
	Goals for sustainable development	Exemplification, analysis, case studies	1 seminar
	Tools of environmental policies	Exemplification, analysis, case studies	1 seminar
	Environmental Fund	Exemplification, analysis, case studies	1 seminar



	Elements of environmental management	Exemplification, analysis, case studies	1 seminar
	Implementation of an SMM environmental system	Exemplification, analysis, case studies	1 seminar
	Anthropogenic impact in the ecosphere	Exemplification, analysis, case studies	1 seminar
	Economic activity and pollution benefits versus negative effects	Exemplification, analysis, case studies	1 seminar
	The impact of industry and accelerated development on the environment	Exemplification, analysis, case studies	1 seminar
	The impact of agriculture and forestry on the environment	Exemplification, analysis, case studies	1 seminar
	The impact of transport and tourism on the environment	Exemplification, analysis, case studies	1 seminar
	The global coronavirus pandemic - economic impact and environmental consequences	Exemplification, analysis, case studies	1 seminar
	Synthesis of presented notions	Exemplification, analysis, case studies	1 seminar

References	<ol style="list-style-type: none"><li>1. Azqueta, D. (2002), <i>Introducción a la Economía Ambiental</i>, Ed. Mc Graw Hill, Madrid.</li><li>2. Bădileanu, M. (2002), <i>Economia protecției mediului înconjurător</i>, Ed. Sylvi, București.</li><li>3. Beaumais, O. (coord.) (2002), <i>Économie de l'environnement. Méthodes et débats</i>, Ed. Documentation française, Paris.</li><li>4. Bleahu, M. (2001), <i>Privește înapoi cu mânie... Privește înainte cu spaimă</i>, Ed. Economică, București.</li><li>5. Bobeică, V. (2007), <i>Producerea durabilă</i>, Universitatea de Stat din Moldova, Ministerul Ecologiei și Resurselor Naturale, Chișinău.</li><li>6. Bran, F., Simon, T., Nistoreanu, P. (2000), <i>Ecoturism</i>, Ed. Economică, București.</li><li>7. Brown, R. L. (2001), <i>Eco-economie. Crearea unei economii pentru planeta noastră</i>, Ed. Tehnică, București.</li><li>8. Bûrgermeier B. (2005), <i>Économie du développement durable</i>, Ed. De Boeck, Bruxelles.</li><li>9. Burny, Ph, Petrescu, D. C. (2008), <i>Environmental Economics</i>, EFES, Cluj-Napoca, Les Presses Agronomiques de Gembloux ASBL, Gembloux.</li><li>10. Clemente, G., Sanjuán, N., Vivancos, J. L. (editori) (2005), <i>Análisis de Ciclo de Vida: Aspectos Metodológicos y Casos Prácticos</i>, Ed. Universidad Politécnica de Valencia, Valencia.</li><li>11. Daly, H., Farley, J. (2004), <i>Ecological Economics</i>, Island Press.</li><li>12. Fabian, A, Onaca, R. (1999), <i>Ecologie aplicată. Cine se teme de ecologie?</i>, Casa de editură Sarmis, Cluj-Napoca.</li><li>13. Ghereș, M. (2003), <i>Agroturism</i>, Ed. Risoprint, Cluj-Napoca.</li><li>14. Ghereș, M., Rusu, T., Ghereș, M. I. (2003), <i>Economia mediului și protecția agrosistemelor</i>, Ed. Risoprint, Cluj-Napoca.</li><li>15. Grecu, I. (2003), <i>Economia și Managementul de Mediu</i>, Ed. Europolis, Constanța</li><li>16. Horaicu, C. (2004), <i>Monitorizarea integrată a mediului</i>, Ed. Tipo Moldova, Iași.</li><li>17. Ionescu, T., Petrescu, D. C. (2006), <i>Studii de istorie a gândirii economice</i>, EFES.</li><li>18. Kotler, Ph, Lee, N. (2005), <i>Corporate Social Responsibility. Doing the Most Good for Your Company and Your Cause</i>. John Wiley &amp; Sons, Inc., Hoboken, New Jersey.</li><li>19. Negrei, C. (2002), <i>Economia și politica mediului</i>, Ed. ASE, București</li><li>20. Mankiw, G. (2007), <i>Principles of Microeconomics</i>, 4th ed, Thomson South-Western publication.</li><li>21. Manoliu, M., Ionescu, C. (1998), <i>Dezvoltare durabilă și protecția mediului</i>, HGA, București, p. 105-117.</li></ol>
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	<p>22. Negucioiu, A., Petrescu. D. C. (2006), <i>Introducere în Eco-Economie</i>, EFES.</p> <p>23. Pârvu, C. (2001), <i>Ecologie generală</i>, Ed. Tehnică, București.</p> <p>24. Petrescu, D. C. (2006), <i>Economia integrării europene</i>, Ed. Carpatica, Cluj-Napoca.</p> <p>25. Petrescu, I. (coord.) (2002), <i>Catastrofe geologice</i>, Ed. Dacia, Cluj-Napoca.</p> <p>26. Petrescu-Mag, R. M. (2007), <i>Politica Agricolă Comună – trecut, prezent și viitor</i>, EFES, Cluj-Napoca.</p> <p>27. Petrescu-Mag R. M. (2011) <i>Protectia mediului in contextul dezvoltarii durabile. Legislatie si institutii</i>. Editura Bioflux.</p> <p>28. Petrescu-Mag, R. M. (2008), <i>Politici, instituții și legislație pentru mediu</i>, Ed. AcademicPres, Cluj-Napoca.</p> <p>29. Riera, P., García, D., Kriström, B., Brännlund R. (2005), <i>Manual de Economía Ambiental y de los Recursos Naturales</i>, Ed. Thomson, Madrid.</p> <p>30. Ristoiu, T., Ristoiu, D. (2004), <i>Elemente de ecologie</i>, Ed. U.T. Pres, Cluj-Napoca.</p> <p>31. Rojanschi, V., Bran, F., Diaconu, Gh. (2002), <i>Protecția și ingineria mediului</i>, Ed. Economică, București.</p> <p>32. Rojanschi, V., Bran, F., Grigore, F. (2004), <i>Elemente de economia și managementul mediului</i>, Ed. Economică, București.</p> <p>33. Teleuță, Al., Duca, Gh., Stratan, A., (2003), <i>Economia mediului și dezvoltarea durabilă</i>, Ed. UASM, Chișinău.</p> <p>34. Vișan, S., Angelescu, A., Alpopi C. (2000) <i>Mediul înconjurător. Poluare și protecție</i>, ed. a II a, Ed. Economică, București.</p> <p>35. Zaharia, C. (2004), <i>Energia și mediul</i>, Ed. Universității „Alexandru Ioan Cuza”, Iași, p. 5-154.</p> <p>36. *** (2002), <i>Semne vitale 2002</i>, Worldwatch Institute, Ed. Tehnică, București.</p>
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**9. Corroborating the content of the course with the expectations of the epistemic community, professional associations and representative employers within the field of the program**

The content of the discipline is consistent with what is done in other university centers in the country and abroad. Meetings were held with representatives of the business environment to adapt the content of the discipline to the requirements of the labor market.

**10. Evaluation**

The evaluation method is the same for the re-examination.

In order to calculate the final grade by summing up the points obtained during the semester, it is necessary to obtain at least 50% of the maximum score related to the written exam.

Type of activity	10.1 Evaluation criteria	10.2 Evaluation method	10.3 Share of final grade
10.4. Course	Knowledge of the presented theoretical notions Correct application of theory to practice	Final Exam  Participation in the exam is based on the appointment on a specific exam date. Participation must be communicated to the course and seminar coordinators in the form and at the time set by them. A minimum of 50% of the points in the written examination must be obtained in order to calculate the final mark for the semester.	60%
10.5. Seminar/lab activities	Interest in individual preparation, seriousness in addressing seminar work	Points for active participation in seminars	40%



	The score for the seminar activity is given only during the seminar hours and remains the same for the re-examination
<b>10.6. Minimum performance standards</b>	
Knowledge of the presented theoretical concepts Correct application of theory to practice through simple exercises/case studies. Understanding of economical meaning of results obtained	

<b>Date</b>	<b>Signature of course coordinator</b>	<b>Signature of seminar coordinator</b>
<u>24.04.2024</u>	<u>CSIII Dr. Țenter Ancuța</u>	<u>CSIII Țenter Ancuța</u>
<b>Date of approval</b>	<b>Signature of the Head of department</b>	
<u>22.05.2024</u>	<u>Conf. dr. Marius Bota</u>	