

## COURSE SYLLABUS

Academic year 2025 - 2026

### 1. Programme Information

|                                   |  |
|-----------------------------------|--|
| 1.1. Higher Education Institution | „Lucian Blaga” University of Sibiu                             |
| 1.2. Faculty                      | Faculty of Sciences  |
| 1.3. Department                   | Environmental Sciences, Physics, Physical Education and Sports |
| 1.4. Field of study               | Biology  |
| 1.5. Level of study <sup>1</sup>  | Bachelor   |
| 1.6. Programme of study           | Biology (in English)   |

### 2. Details about the course

|                                       |                               |  |                                  |
|---------------------------------------|-------------------------------|--|----------------------------------|
| 2.1. Name of course                   | English- Foreign Language 4   | Code   | FSTI.MFE.BIOEN.L.CO.4.0100.C-3.6 |
| 2.2. Course coordinator               |                               |  |                                  |
| 2.3. Seminar / laboratory coordinator | Lecturer Roxana Grunwald, PhD |  |                                  |
| 2.4. Year of study <sup>2</sup>       | 2                             | 2.5. Semester <sup>3</sup>                             | 2                                |
|                                       |                               | 2.6. Evaluation form <sup>4</sup>                      | C                                |
| 2.7. Course type <sup>5</sup>         | O                             | 2.8. The formative category of the course <sup>6</sup> | C                                |

### 3. Estimated total time

|  |                |                   |                |             |                    |
|--|----------------|-------------------|----------------|-------------|--------------------|
| <b>3.1. Course Extension within the Curriculum – Number of Hours per Week</b>                    |                |                   |                |             |                    |
| 3.1.a.Lecture  | 3.1.b. Seminar | 3.1.c. Laboratory | 3.1.d. Project | 3.1.e Other | Total              |
|  | 1              |                   |                |             | 1                  |
| <b>3.2. Course Extension within the Curriculum – Total Number of Hours within the Curriculum</b> |                |                   |                |             |                    |
| 3.2.a.Lecture  | 3.2.b. Seminar | 3.2.c. Laboratory | 3.2.d. Project | 3.2.e Other | Total <sup>7</sup> |
|  | 14             |                   |                |             | 14                 |
| <b>Time Distribution for Individual Study <sup>8</sup></b>                                       |                |                   |                |             | <b>Hours</b>       |
| Learning by using course materials, references and personal notes                                |                |                   |                |             | 15                 |
| Additional learning by using library facilities, electronic databases and on-site information    |                |                   |                |             | 15                 |
| Preparing seminars / laboratories, homework, portfolios and essays                               |                |                   |                |             | 20                 |
| Tutorial activities <sup>9</sup>   |                |                   |                |             | 6                  |
| Exams <sup>10</sup>  |                |                   |                |             | 5                  |
| <b>3.3. Total Individual Study Hours <sup>11</sup> (<math>NOSI_{sem}</math>)</b>                 |                |                   |                |             | <b>61</b>          |
| <b>3.4. Total Hours in the Curriculum (<math>NOAD_{sem}</math>)</b>                              |                |                   |                |             | <b>14</b>          |
| <b>3.5. Total Hours per Semester <sup>12</sup> (<math>NOAD_{sem} + NOSI_{sem}</math>)</b>        |                |                   |                |             | <b>75</b>          |
| <b>3.6. No. of hours / ECTS</b>  |                |                   |                |             | <b>25</b>          |
| <b>3.7. Number of credits<sup>13</sup></b>   |                |                   |                |             | <b>3</b>           |

#### 4. Prerequisites (if needed)

|  |   |
|--|---|
| 4.1. Courses that must be successfully completed first (from the curriculum) <sup>14</sup> |   |
| 4.2. Competencies  | English level ( reading, writing, listening, speaking) minimum B2 |

#### 5. Conditions (wherever applicable)

|  |  |
|--|--|
| 5.1. For course/lectures <sup>15</sup>                         |  |
| 5.2. For practical activities (lab/sem/pr/other) <sup>16</sup> |  |

#### 6. Learning outcomes <sup>17</sup>

| Number of credits assigned to the discipline: 3 |   |   |  |  |
|---|---|---|--|--|
| Learning outcomes                               |   |   |  | Credit allocation based on learning outcomes |
| No.   | Knowledge   | Aptitudes   | Responsibility and autonomy  |  |
| LO 1  |   |   |  |  |
| LO 2  | The student understands and uses basic concepts of language                   | The correct use of phrases and idioms in English  | The student has initiative and suggests topics for analysis and debate               | 1  |
| LO 3  | The student understands and implements elements of upper grammar in discourse | The student communicates and expresses ideas fluently on any required Biology-related topic | The student makes transfers from one language into another and uses correct patterns | 1  |
| LO 4  | The student is capable to express ideas fluently                              | The student is able to translate texts using appropriate specific terminology               | The student proves autonomy through the right use of English for Biology itself      | 1  |

#### 7. Course objectives (resulted from developed competencies)

|                                 |  |
|---------------------------------|--|
| 7.1. Main course objective      | The Use and Practice of General English                          |
| 7.2. Specific course objectives | The Use and Practice of English focused on terminology and texts |

#### 7.3. Practical activities

| 8.2.a. Seminar |  | Teaching methods <sup>18</sup> | Hours |
|----------------|--|--------------------------------|-------|
| Seminar 1      | Biological Diversity. Viruses.Prokaryotes.Bacteria and Archaea                 | Interactive, Practice          | 1     |
| Seminar 2      | Protists, Fungi  | Interactive, Practice          | 1     |
| Seminar 3      | Seedless Plants. Seed Plants   | Interactive, Practice          | 1     |
| Seminar 4      | Grammar and Vocabulary Practice  | Interactive, Practice          | 1     |
| Seminar 5      | Animal Diversity. Invertebrates. Vertebrates. Texts with Questions and Answers | Interactive, Practice          | 1     |

|                            |  |                       |           |
|----------------------------|--|-----------------------|-----------|
| Seminar 6                  | Plant Structure and Function II. Videos, debates                                       | Interactive, Practice | 1         |
| Seminar 7                  | Grammar, Vocabulary Use, Tenses. Perfect Tenses II                                     | Interactive, Practice | 1         |
| Seminar 8                  | Plant Form and Physiology. Texts and videos, translation and debates                   | Interactive, Practice | 1         |
| Seminar 9                  | Soil and Plant Nutrition. Terminology in Use   | Interactive, Practice | 1         |
| Seminar 10                 | Vocabulary Use in texts. Multiple Choice, Fill in exercises, Reading and Comprehension | Interactive, Practice | 1         |
| Seminar 11                 | Grammar revision, tenses, nouns, adjectives, phrasal verbs II                          | Interactive, Practice | 1         |
| Seminar 12                 | Plant Reproduction. Simultaneous translation of documentaries                          | Interactive, Practice | 1         |
| Seminar 13                 | Grammar revision, tenses, nouns, adjectives, phrasal verbs                             | Interactive, Practice | 1         |
| Seminar 14                 | Biogeography. Life Histories and Natural Selection. Texts with vocabulary exercises    | Interactive, Practice | 1         |
| <b>Total seminar hours</b> |  |                       | <b>14</b> |

## 8. Bibliography

|                                    |   |
|------------------------------------|---|
| <b>8.1. Recommended references</b> | Lee R. English for Environmental Science in Higher Education Studies. Course Book: Garnet Education, 2009. 134 p.   |
|                                    | Longman Dictionary of Contemporary English. Longman. Pearson Education Limited, 2000. 2161 p.   |
|                                    | Collins Cobuild. Student's Dictionary. London: Harper Collins Publishers, 1995.   |
|                                    | Martin, A Dictionary of Biology. Oxford University Press, 2008.   |
|                                    | Pauline Lowrie, Susan Wells, Microbiology and Biotechnology. Series editor: Mary Jones. Cambridge University Press, 2000.   |
|                                    | Purves, William K., Orians, Gordon H. Life: the science of biology. Second edition. Sinauer Associates Inc., Publishers, Sunderland, MA (Massachusetts), USA, 1987. 1273 p. |
| <b>8.2. Additional references</b>  | Barbara Thomas, Louise Hashemi, Laura Matthews-English Grammar and Vocabulary, Cambridge University Press, 2015   |
|                                    | Michael Mc Carthy, Felicity O'Dell, English Vocabulary in Use, Upper-Intermediate, Vocabulary reference and practice, Cambridge University Press, 2017                      |

## 9. Conjunction of the discipline's content with the expectations of the epistemic community, professional associations and significant employers of the specific study program<sup>19</sup>

The knowledge acquired through practical applications, terminology, and basic English language skills specific to the field can be directly applied in any related area of activity, whether in teaching, research, or laboratory work.

## 10. Evaluation

| Activity Type          | 11.1 Evaluation Criteria   | 11.2 Evaluation Methods                   |     | 11.3 Percentage in the Final Grade | Notes. <sup>20</sup> |
|------------------------|--|---|-----|------------------------------------|----------------------|
| 11.4a Exam / Coloquium | • Theoretical and practical knowledge acquired (quantity, correctness, accuracy) | Tests during the semester <sup>21</sup> : | 10% | 30%                                |                      |
|                        |  | Homework:                                 | 10% |                                    |                      |
|                        |  | Other activities <sup>22</sup> :          | 10% |                                    |                      |
|                        |  | Final evaluation:                         | 30% |                                    |                      |

|   |   |   |               |     |
|---|---|---|---------------|-----|
| 11.4b Seminar                                   | <ul style="list-style-type: none"> <li>Frequency/relevance of participation or responses</li> </ul>   | Evidence of participation, portfolio of papers (reports, scientific summaries)  | 70%           |     |
| 11.4c Laboratory                                | <ul style="list-style-type: none"> <li>Knowledge of the equipment, how to use specific tools; evaluation of tools, processing and interpretation of results</li> </ul>            | <ul style="list-style-type: none"> <li>Oral response</li> <li>Written questionnaire</li> <li>Laboratory notebook, experimental works, reports, etc.</li> <li>Practical demonstration</li> </ul> | % (minimum 5) |     |
| 11.4d Project                                   | <ul style="list-style-type: none"> <li>The quality of the project, the correctness of the project documentation, the appropriate justification of the chosen solutions</li> </ul> | <ul style="list-style-type: none"> <li>Self-evaluation, project presentation</li> <li>Critical evaluation of a project</li> </ul>   | % (minimum 5) |     |
| 11.5 Minimum performance standard <sup>23</sup> |   |   |               | 50% |

***The Course Syllabus will encompass components adapted to persons with special educational needs (SEN – people with disabilities and people with high potential), depending on their type and degree, at the level of all curricular elements (skills, objectives, contents, teaching methods, alternative assessment), in order to ensure fair opportunities in the academic training of all students, paying close attention to individual learning needs.***

Filling Date: |\_1\_|\_|1\_| / |\_0\_|\_|9\_| / |\_2\_|\_|0\_|\_|2\_|\_|5\_|

Department Acceptance Date: |\_1\_|\_|7\_| / |\_0\_|\_|9\_| / |\_2\_|\_|0\_|\_|2\_|\_|5\_|

|                           | Academic Rank, Title, First Name, Last Name | Signature |
|---------------------------|---|-----------|
| Course Teacher            | Lecturer Roxana Grunwald, PhD               |           |
| Study Program Coordinator | Assoc. Prof. Ana-Maria Benedek-Sîrbu, PhD   |           |
| Head of Department        | Lecturer Ioan Tăușan, PhD                   |           |

<sup>1</sup> Bachelor / Master

<sup>2</sup> 1-4 for bachelor, 1-2 for master

<sup>3</sup> 1-8 for bachelor, 1-4 for master

<sup>4</sup> Exam, colloquium or VP A/R - from the curriculum

<sup>5</sup> Course type: R = Compulsory course; E = Elective course; O = Optional course

<sup>6</sup> Formative category: S = Specialty; F = Fundamental; C = Complementary; I = Fully assisted; P = Partially assisted; N = Unassisted

<sup>7</sup> Equal to 14 weeks x number of hours from point 3.1 (similar to 3.2.a.b.c.)

<sup>8</sup> The following lines refer to individual study; the total is completed at point 3.7.

<sup>9</sup> Between 7 and 14 hours

<sup>10</sup> Between 2 and 6 hours

<sup>11</sup> The sum of the values from the previous lines, which refer to individual study.

<sup>12</sup> The sum (3.5.) between the number of hours of direct teaching activity (NOAD) and the number of hours of individual study (NOSI) must be equal to the number of credits assigned to the discipline (point 3.7) x no. hours per credit (3.6.)

<sup>13</sup> The credit number is computed according to the following formula, being rounded to whole neighbouring values (either by subtraction or addition

$$\text{No. credits} = \frac{NOCpSpD \times C_c + NOApSpD \times C_A}{TOCpSdP \times C_c + TOApSdP \times C_A} \times 30 \text{ credits}$$

Where:

- NOCpSpD = Number of lecture hours / week / discipline for which the credits are calculated
- NOApSpD = Number of application hours (sem./lab./pro.) / week / discipline for which the credits are calculated
- TOCpSdP = Total number of course hours / week in the Curriculum
- TOApSdP = Total number of application hours (sem./lab./pro.) / week in the Curriculum
- C<sub>c</sub>/C<sub>A</sub> = Course coefficients / applications calculated according to the table

| Coefficients                | Course | Applications (S/L/P) |
|-----------------------------|--------|----------------------|
| Bachelor                    | 2      | 1                    |
| Master                      | 2,5    | 1,5                  |
| Bachelor - foreign language | 2,5    | 1,25                 |

<sup>14</sup> The courses that should have been previously completed or equivalent will be mentioned

<sup>15</sup> Board, video projector, flipchart, specific teaching materials, online platforms, etc.

<sup>16</sup> Computing technology, software packages, experimental stands, online platforms, etc.

<sup>17</sup> The learning outcomes will be stated in accordance with the specific standards of the ARACIS expert commissions (<https://www.aracis.ro/ghiduri/>)

<sup>18</sup> Discussions, debates, presentations and/or analyses of papers, solving exercises and problems

<sup>19</sup> The relationship with other disciplines, the usefulness of the discipline on the labour market

<sup>20</sup> CPE – Conditions Exam Participation; nCPE – Does Not Condition Exam Participation; CEF - Conditions Final Evaluation; N/A – not applicable

<sup>21</sup> The number of tests and the weeks in which they will be taken will be specified

<sup>22</sup> Scientific circles, professional competitions, etc.

<sup>23</sup> The minimum performance standard in the competence grid of the study program is customized to the specifics of the discipline, if applicable