



UNIwersYTET
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W POZNANIU

Advanced Scientific English

Educational subject description sheet

Basic information

Study programme Biotechnology		Didactic cycle 2024/25
Speciality -		Subject code 01BTES.21N.00025.24
Organizational unit Faculty of Biology		Lecture languages English
Study level Second-cycle programme		Course type Obligatory
Study form Full-time		Block Subjects not assigned
Education profile General academic		
Subject coordinator	Marta Rudnicka	
Lecturer	Marta Rudnicka, Johannes Bluijssen	
Period Semester 1	Activities and hours • Seminar: 15, Exam • Conversatory classes: 15, Graded credit	Number of ECTS points 3

Goals

Code	Goal
C1	To prepare students for an active participation in classes conducted in English
C2	To improve students' speaking skills so that they can easily communicate on a variety of topics in formal and informal situations
C3	To improve students' professional presentation and discussion skills
C4	To develop writing skills in formal academic English and prepare students for writing various types of texts
C5	To improve grammar at the advanced and proficiency level
C6	To practise and expand students' vocabulary at the advanced and proficiency level
C7	To improve students' listening comprehension skills to make them understand classes taught exclusively in English.

Subject learning outcomes

Code	Outcomes in terms of	Learning outcomes	Examination methods
Skills - Student:			
U1	speaks fluent English to communicate effectively on a variety of topics, take part in scientific discourse and be able to form properly structured questions and answers.	BTY_K2_U05, BTY_K2_U06, BTY_K2_U07	Oral exam
U2	understands spoken English to participate in class activities.	BTY_K2_U05, BTY_K2_U06, BTY_K2_U07	Oral exam
U3	uses more complex grammatical structures at the advanced and proficiency levels.	BTY_K2_U05	Written exam, Oral exam
U4	writes properly a variety of texts in academic English.	BTY_K2_U05	Written exam
U5	uses the enriched vocabulary including formal, academic terminology as well as technical terms and scientific vocabulary used by biologists.	BTY_K2_U05, BTY_K2_U07	Written exam, Oral exam
Social competences - Student:			
K1	is able to give a short and professional presentation in fluent English and handling discussion.	BTY_K2_K02, BTY_K2_K03	Written exam

Study content

No.	Course content	Subject learning outcomes	Activities
1.	Listening comprehension practice – exposure to a variety of texts ranging from informal to formal ones including the texts containing academic and scientific biological vocabulary.	U2, U5	Seminar, Conversatory classes

No.	Course content	Subject learning outcomes	Activities
2.	Speaking – discussions on the basis of texts given during the classes and the ones given prior to the class; discussions following listening comprehension practice; in-class discussions based on students' presentations.	U1, U2, U3, U5, K1	Seminar, Conversatory classes
3.	Vocabulary – enriching students' vocabulary and enforcing its use for everyday situations as well as formal ones such as presentations. Vocabulary tasks will be incorporated in listening, writing, speaking and grammar practice.	U1, U3, U5, K1	Seminar, Conversatory classes
4.	Grammar- revision of the grammatical rules and structures learned so far; focus on more complex structures and their effective use in both spoken and written register; grammar will be explained in reference to listening and presentation skill practice as well.	U1, U3, U4	Seminar, Conversatory classes
5.	Writing – introduction of elements of a coherent paragraph (topic sentence, body, concluding sentence); various types of paragraphs; exposure to a variety of essays; characteristics of proper academic writing; short forms – emails, abstract.	U3, U4, U5	Seminar, Conversatory classes
6.	Presentation – a structure of a coherent presentation; use of proper vocabulary, grammar and speaking skills to deliver a presentation; the presentation will be followed by in-class discussion.	U1, U2, U3, U5, K1	Seminar, Conversatory classes

Additional information

Activities	Teaching and learning methods and activities
Seminar	Discussion, Work with text, Case study, Problem-based learning, Demonstration and observation, Audio and/or video demonstrations
Conversatory classes	Discussion, Work with text, Case study, Problem-based learning, Game/simulation, Solving tasks (e.g. computational, artistic, practical), Workshop method, Project method, Demonstration and observation, Audio and/or video demonstrations, Activating method - "brainstorming", Activating method - SWOT analysis, Activating method - decision tree, Activating method - the "snowball" method, Activating method - constructing "mind maps", Work in groups

Activities	Credit conditions
Seminar	Assessment criteria according to AMU in Poznan grade system: Very good (bdb; 5,0): Student's level of activity (understanding content, activity during classes) is flawless, final test 93-100% Good plus (+db; 4,5): Student's level of activity (understanding content, activity during classes) is very good, final test 85-85-92% Good (db; 4,0): Student's level of activity (understanding content activity during classes) is good, final test 77-84%% Satisfactory plus (+dst; 3,5): Student's level of activity (understanding content activity during classes) is satisfactory, final test 69-76% Satisfactory (dst; 3,0): Student's level of activity (understanding content, activity during classes) is satisfactory, but including many mistakes, final test 61-68% Unsatisfactory (ndst; 2,0): Student's level of activity (understanding content, activity during classes) is unsatisfactory, final test below 61%

Activities	Credit conditions
Conversatory classes	<p>Assessment criteria according to AMU in Poznan grade system:</p> <p>Very good (bdb; 5,0): Student's level of activity (understanding content, activity during classes) is flawless, final test 93-100%</p> <p>Good plus (+db; 4,5): Student's level of activity (understanding content, activity during classes) is very good, final test 85-92%</p> <p>Good (db; 4,0): Student's level of activity (understanding content activity during classes) is good, final test 77-84%%</p> <p>Satisfactory plus (+dst; 3,5): Student's level of activity (understanding content activity during classes) is satisfactory, final test 69-76%</p> <p>Satisfactory (dst; 3,0): Student's level of activity (understanding content, activity during classes) is satisfactory, but including many mistakes, final test 61-68%</p> <p>Unsatisfactory (ndst; 2,0): Student's level of activity (understanding content, activity during classes) is unsatisfactory, final test below 61%</p>

Literature

Obligatory

1. Evans, Virginia: CPE Use of English 1 (for the revised Cambridge Proficiency Examination), Express Publishing, 2002 (fragments indicated by the teachers)
2. Gethin, Hugh: Grammar in Context: Proficiency Level English, Collins, 1990 (fragments indicated by the teachers)
3. Harrison, Mark: New Proficiency Testbuilder, Macmillan, 2002 (fragments indicated by the teachers)
4. Hewings, M: Advanced Grammar in Use, Cambridge University Press, 1999 (fragments indicated by the teachers)
5. Hornby, A. S. (ed.): Oxford Advanced Learner, Oxford University Press, 2010 (fragments indicated by the teachers)
6. Matasek, M: English Advanced Vocabulary and Structure Practice, Altravox Press, 1997 (fragments indicated by the teachers)
7. McCarthy, Michael & Felicity O: Academic Vocabulary in Use, Cambridge University Press, 2008 (fragments indicated by the teachers)
8. Misztal, M: Tests in English Thematic Vocabulary, WSiP, 1995 (fragments indicated by the teachers)
9. Oshima, Alice & Ann Hoque: Writing Academic English. (4th edition.), Pearson Education, 2005 (fragments indicated by the teachers)
10. Oxford Collocations Dictionary for Students of English: Oxford Collocations Dictionary for Students of English, Oxford University Press, (fragments indicated by the teachers)
11. Side, Richard & Guy Wellman: Grammar and Vocabulary for Cambridge Advanced and Proficiency, Longman, 2000 (fragments indicated by the teachers)
12. Thomson, A.J. & A. V. Martinet: A Practical English Grammar, Oxford University Press, 1986 (fragments indicated by the teachers)
13. Thomson, A.J. & A. V. Martinet: A Practical English Grammar Exercises 1, Oxford University Press, 1986 (fragments indicated by the teachers)
14. Thomson, A.J. & A. V. Martinet: A Practical English Grammar Exercises 1, Oxford University Press, 1986 (fragments indicated by the teachers)
15. Vince, Michael: Advanced Language Practice (with key), Macmillan, 2004 (fragments indicated by the teachers)
16. Watcyn-Jones, P: Test Your Grammar and Usage, Penguin Books, 1996 (fragments indicated by the teachers)
17. Wellman, G: The Heinemann English Wordbuilder, Heinemann, 1989 (fragments indicated by the teachers)
18. Yule, George: Oxford Practice Grammar (Advanced), Oxford University Press, 2006 (fragments indicated by the teachers)
19. Zemach, D. E. & Lisa A. Rumisek: Academic Writing: From Paragraph to Essay, Macmillan, 2005 (fragments indicated by the teachers)

Calculation of ECTS points

Activities	Activity hours*
Seminar	15

Conversatory classes	15
Preparation for classes	10
Reading the indicated literature	4
Preparation of a multimedia presentation	2
Report preparation	2
Paper preparation	5
Preparation of a demonstration	2
Preparation of a project	5
Preparation for the exam	8
Semester paper preparation	8
Student workload	Hours 76
Number of ECTS points	ECTS 3

* academic hour = 45 minutes

Efekty uczenia się dla kierunku

Kod	Treść
BTY_K2_K02	The graduate is ready to improve and update their knowledge of biotechnology and related areas of study
BTY_K2_K03	The graduate is ready to cooperate with specialists representing related areas of study
BTY_K2_U05	The graduate can use English language and specialist terminology related to natural sciences, in accordance with requirements for level B2+ of CEFR (Common European Framework of Reference for Languages)
BTY_K2_U06	The graduate can organize teamwork and cooperate with other individuals assuming various roles within the group
BTY_K2_U07	The graduate can design their self-education, improve professional competence, and advise other individuals on their education