Syllabus

in Foreign Language for Scientific Communication

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| № | Field name | | Detailed content, comments | |
|  | Name of Faculty | | All the Faculties | |
|  | Higher education degree | | Tertiary (educational and scientific) level of higher education | |
|  | Speciality code and title | | 051 – ECONOMY, 105 – APPLIED PHYSICS AND NANOMATERIALS, 113 – APPLIED MATHEMATICS, 121 – SOFTWARE ENGINEERING,  122 – COMPUTER SCIENCES, 123 – COMPUTER ENGINEERING,  124 – SYSTEM ANALYSIS, 125 – CYBERSECURITY,  126 – INFORMATION SYSTEMS AND TECHNOLOGIES,  151 – AUTOMATION AND COMPUTER-INTERGRATED TECHNOLOGIES, 152 – METROLOGY AND INFORMATION-MEASURING TECHNOLOGY, 163 – BIOMEDICAL ENGINEERING, 171 – ELECTRONICS, 172 – TELECOMMUNICATION AND RADIO ENGINEERING | |
|  | Type and title of Educational Program | | Educational-Professional Programs (EPP) of a particular speciality to train PhD | |
|  | Title | | 0203 Humanities, 0305 Philology  Foreign language as the language of scientific communication | |
|  | Number of ECTS credits | | 5 | |
|  | Course structure (distribution by type and time) | | 60 hrs – practicals, 20 hrs – consultations, 70 hrs – self-study activity; Assessment: 1, 2 semesters – tests | |
|  | Terms of training | | 1st year, 1st and 2nd semesters | |
|  | Prerequisites | | Previous training in the normative academic disciplines of English, Business English, Philosophy and successful passing an admission English examination | |
|  | Abstract (content) of the academic discipline | | Training is based on a lexical and grammatical approach that includes the strategies of different reading techniques and grammatical topics and tasks, which reflect the scientific style specifics.  The course content is organised in such a way that every lesson contains language practice and develops language and speech skills that are logically structured into thematic units and form a subject matter module.  The number of thematic units in a subject matter module depends on the distribution and volume of both classroom hours and self-study hours.  The course contains subject matter modules:  Subject matter module 1: Grammar of scientific texts.  Subject matter module 2: Analytical reading. Individual reading.  Subject matter module 3: Oral practice of scientific communication.  Subject matter module 4: Writing practice. | |
|  | Competences, knowledge, skills and understanding the higher education learner acquires during training | The aim of the training in Foreign Language as the Language of Scientific Communication is the development of student’s competencies:   * to fluently communicate with colleagues, academic community, society per se Ukrainian and a foreign language in oral and written forms on issues of research; * to search, process and summarise information from different sources, including foreign literature in speciality.   The main tasks of learning the course are the development of speech skills in speaking, reading, writing, the acquisition of linguistic and country-specific and culturological knowledge, which is a constituent of a system-based scientific and general cultural outlook of a scientist/ researcher, the formation of the system of language knowledge about scientific and technical translation, the development of the skills to review and annotate professional literature. Training can form and develop the skills to translate scientific and technical texts, follow a conversation or take part in communication on the topics that deal with professional scientific and practical activity, look through scientific texts when searching appropriate information, understand detailed instructions or advice, make notes and summaries, take part in scientific conferences and write abstracts of scholarly articles. | |
|  | Outcomes | Training results are as follows:   * to develop universal language researcher skills that allow choosing optimal speech forms and registers (including a foreign language) to provide scientific information and use it in teaching; * to write a scientific article (report) in Ukrainian and/or a foreign language, using scholarly and methodological literature in computer engineering, reference books, dictionaries, documents and other scientific and technical information, following copyright law. | |
|  | Task-based assessment | A final in an academic subject is a test.   1. Do two tests: 6–10 points each. 2. Do a test in accordance with a given variant: 12–20 points each. 3. Do tasks at practicals: 3 – 6 points each. In total 30–60 points.   A final mark  = (3-6)х10 practicals+(6-10)х2 tests+(12-20)х1 test=(60-100) points | |
|  | Educational process quality | Observe the principles of academic virtue (<http://lib.nure.ua/plagiat>). The syllabus is updated in 2020. | |
|  | Methodological support | [http://catalogue.nure.ua/?dosearch=true&respons=%C1%F3%E4%E0%ED%](http://catalogue.nure.ua/?dosearch=true&respons=%C1%F3%E4%E0%ED%EE%E2%E0&year_from=2018&sortby=author) [EE%E2%E0&year\_from=2018&sortby=author](http://catalogue.nure.ua/?dosearch=true&respons=%C1%F3%E4%E0%ED%EE%E2%E0&year_from=2018&sortby=author) | |
|  | Developers of the Syllabus | The Head of the Foreign Languages Department Suknov M. P., [mykhailo.suknov@nure.ua](mailto:mykhailo.suknov@nure.ua)  Senior Lecturer of the Foreign Languages Department Budanova I.O.  [irina.budanova@nure.ua](mailto:irina.budanova@nure.ua)  Senior Lecturer of the Foreign Languages Department Bohdan O.M.  [olga.bogdan@nure.ua](mailto:olga.bogdan@nure.ua)  Associate Professor of the Foreign Languages Department Lebedieva K. O. [kateryna.lebedeva@nure.ua](mailto:kateryna.lebedeva@nure.ua)  Associate Professor of the Foreign Languages Department Storchak O. G. [oleh.storchak@nure.ua](mailto:oleh.storchak@nure.ua) | |