

Scope of interviews for candidates for second cycle studies in the academic year 2022/2023

Field of study		The scope of the interview includes:
Applied Computer Science	conducted in Polish	<ol style="list-style-type: none"> 1. testing competence in the field of engineering and technology at the level of first cycle studies 2. assessing whether a candidate has the aptitude required to continue studies in the field of applied computer science 3. analysis of the first-cycle degree programme completed by a candidate <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Applied Mathematics	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Architecture	conducted in Polish/ conducted in English	<ol style="list-style-type: none"> 1. learning outcomes included in the first cycle of studies in architecture or architecture and urban planning 2. checking the predisposition to continue studies in the technical field: portfolio evaluation 3. analysing the candidate's programme (based on the Diploma Supplement) for compatibility with the training programme for architects' engineers offered by the Faculty of Civil Engineering, Architecture and Environmental Engineering of the Lodz University of Technology within the framework of first degree studies and with Directive 2005/36/EC <p>Candidates are asked to bring their portfolios (both printed and digitalised on CD or DVD) to the interview, and to bring them to the interview, documenting the candidate's achievements. The portfolio should contain:</p> <ul style="list-style-type: none"> - at least one own (100%) architectural design - at least one own (100%) urban development project - documentation of the engineering diploma project - the drawing, photographic and sculptural works selected by the candidate - graphic information about other achievements in the field of architecture and urban planning (competitions, seminars, etc.). <p>For candidates wishing to study in English, knowledge of foreign languages will be taken into account (a possible certificate may be presented during the interview)</p> <p><i>Candidates should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected English language activities.</i></p>
Artificial Intelligence and Machine Learning	conducted in Polish	<ol style="list-style-type: none"> 1. Evaluation of basic knowledge of computer science principles and programming skills 2. Evaluation of understanding algebra, probability and logic fundamentals 3. Assessment of candidate capabilities based on interview and delivered documentation: motivation letter and summary of previous experiences relevant for the considered field <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>

Automatic Control and Robotics	conducted in Polish	no interviews are planned <i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected activities in the foreign language.</i>
Automation and Robot Control	conducted in Polish	Checking the educational results of the first cycle of studies in the field of <ul style="list-style-type: none"> - knowledge of methods to describe the dynamics of automation systems - basic knowledge of analogue and digital signal processing - basic knowledge of electrical signal measurement techniques - knowledge of the basics of digital technology - knowledge of the basics of construction and analysis of the operation of automation systems - knowledge of types of regulators, rules of their selection, methods of checking stability <i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected activities in the foreign language</i>
Biomedical Engineering	conducted in Polish	Checking the learning outcomes of first cycle programmes in the field: <ul style="list-style-type: none"> - knowledge of the basics of biochemistry, physiology and anatomy - medical imaging systems, signal and image processing methods - knowledge of measurement methods used in medical diagnostics - knowledge of the properties of biomedical materials and their functioning in the human body <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Biotechnology (three-semester studies)	conducted in Polish	no interviews are planned <i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i>
Biotechnology (four-semester studies)	conducted in Polish	no interviews are planned <i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i>
Chemical and Biochemical Engineering (three-semester studies)	conducted in Polish	no interviews are planned <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Chemical and Biochemical Engineering (four-semester studies)	conducted in Polish	no interviews are planned <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference</i>

		<i>for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Chemical Technology	conducted in Polish	no interviews are planned <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Chemistry	conducted in Polish	no interviews are planned <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Chemistry in Forensics	conducted in Polish	no interviews are planned <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Chemistry of Building Materials	conducted in Polish	no interviews are planned <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Civil Engineering	conducted in Polish	1. assessment of educational outcomes of the first cycle studies in the field of civil engineering 2. assessment of student's achievements, such as: - participation in students scientific association (confirmed by its tutor), - scientific publications (should be presented during the interview), - professional achievements (apprenticeship in the profession with a relevant certificate of completion), - participation in the development of project, which was not compulsory in the first cycle studies (project should be presented during the interview). For each additional achievement 0 - 10 points will be awarded. <i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Computer Science	conducted in Polish	Checking the educational outcomes of first cycle studies in the field: - hardware construction and computer architecture - algorithms and data structures and programming methods - databases - computer networks - computer graphics and image processing

		<i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i>
Computer Science and Information Technology (four-semester studies)	conducted in English	<ol style="list-style-type: none"> 1. testing competence in the field of technical sciences at the level of first cycle studies 2. checking the predisposition to continue studies in the field of computer science 3. analysing the programme completed by the candidate on his/her first cycle studies 4. verifying oral and written English language skills
Cosmetics Technology (three-semester studies)	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Cosmetics Technology (four-semester studies)	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Design	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Design	conducted in English	<p>no interviews are planned</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Electrical Engineering	conducted in Polish	<p>Checking the educational outcomes of first cycle studies in the field:</p> <ul style="list-style-type: none"> - calculation of DC circuits - calculation of alternating current circuits - electrical signal measurement techniques - knowledge of the basics of construction and analysis of the operation of automation systems - basic knowledge of synchronous and asynchronous electrical machines <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>

Electronics and Telecommunications	conducted in Polish	<p>Checking the educational outcomes of first cycle studies in the field:</p> <ul style="list-style-type: none"> - calculation of electrical and electronic circuits - semiconductor devices - logical systems - microprocessor systems - the basis for signal processing and transmission <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Electronics and Telecommunications (Applied Electronics)	conducted in English	<p>Checking the educational outcomes of first cycle studies in the field:</p> <ul style="list-style-type: none"> - calculation of electrical and electronic circuits - semiconductor devices - logical systems - microprocessor systems - the basis for signal processing and transmission <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Energetics	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Energy Systems in the Built Environment (three-semester studies)	conducted in English	<p>no interviews are planned</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Environmental engineering (three-semester studies)	conducted in Polish	<p>no interviews are planned</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Environmental engineering (four-semester studies)	conducted in Polish	<p>no interviews are planned</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>

Environmental engineering in civil construction	conducted in Polish	<p>1. educational results included in the first cycle of studies in environmental engineering</p> <p>2. evaluation of the student's achievements The following will be taken into account when assessing student performance:</p> <ul style="list-style-type: none"> - participation in students scientific association (confirmed by the circle's tutor) - scientific publications (publication available for inspection) - possible professional achievements (apprenticeship in the profession - relevant certificate of completion) - participation in the development of projects carried out outside the compulsory studies (project for review). <p>For each additional achievement, between 0 and 10 points will be awarded.</p> <p>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</p>
Food Technology and Human Nutrition (three-semester studies)	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Food Technology and Human Nutrition (four-semester studies)	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Human-Computer Interaction	conducted in English	<ol style="list-style-type: none"> 1. Sprawdzenie kompetencji w zakresie podstawowej znajomości Informatyki i umiejętności programowania. 2. Sprawdzenie znajomości języka angielskiego w mowie i w piśmie. 3. Sprawdzenie predyspozycji do podjęcia studiów na kierunku Human-Computer Interaction w trakcie dyskusji na podstawie przesłanych wcześniej materiałów: listu motywacyjnego i załączonego krótkiego opisu realizowanych projektów w tej lub pokrewnych dziedzinach.
Industrial Biotechnology (three-semester studies)	conducted in English	<ol style="list-style-type: none"> 1. testing competence in the field of technical sciences at the level of first degree studies 2. checking the predisposition to continue studies in biotechnology 3. analysing the programme implemented by the candidate on his/her first degree studies 4. verifying oral and written English language skills
Management	conducted in Polish	<ol style="list-style-type: none"> 1. checking basic competences in the field: <ul style="list-style-type: none"> - management - corporate finance - marketing - human resources management

		<ul style="list-style-type: none"> - the basis for quantitative methods 2. checking the predisposition to continue studies in management 3. analysing the programme implemented by the candidate on his/her first cycle studies <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Master in Mechanical Engineering (three-semester studies)	conducted in English	<ul style="list-style-type: none"> 1. testing competence in the field of technical sciences at the level of first cycle studies 2. checking the aptitude to continue studies in mechanics and mechanical engineering: <ul style="list-style-type: none"> - basic construction skills - basic knowledge of mechanics, strength, materials engineering, manufacturing techniques, thermodynamics and fluid mechanics 3. analysing the programme followed by the candidate on his/her first degree studies 4. verifying oral and written English language skills
Master of Business Studies (four-semester studies)	conducted in English	<ul style="list-style-type: none"> 1. checking basic competences in the field: <ul style="list-style-type: none"> - management - corporate finance - marketing - human resources management - the basis for quantitative methods 2. checking the predisposition to continue studies in management 3. analysing the programme implemented by the candidate on his/her first degree studies 4. verifying oral and written English language skills
Management and Production Engineering	conducted in Polish	<ul style="list-style-type: none"> 1. checking basic competences in the field of: <ul style="list-style-type: none"> - production, - manufacturing, - production costs, - human resources management, - quality management - the basis for quantitative methods 2. checking the predisposition to continue studies in management and production engineering 3. analysing the programme implemented by the candidate in the first degree studies <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>

Master of Operations Management (4-semester studies)	conducted in English	<ol style="list-style-type: none"> 1. checking basic competences in the field of: <ul style="list-style-type: none"> - production, - manufacturing, - production costs, - human resources management, - quality management 2. checking the predisposition to continue studies in management and production engineering 3. analysing the programme completed by the candidate on his/her first cycle studies 4. verifying oral and written English language skills
Materials Engineering	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Mechatronics	conducted in Polish	<p>Checking the learning outcomes of first cycle programmes in the field:</p> <ul style="list-style-type: none"> - knowledge of the basics of mechatronics - basic knowledge of electrical and mechanical signal measurement - knowledge of the basics of electrical engineering and electronics - knowledge of the basics of computer science - basic knowledge of automation and control theory <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Mechanics and Mechanical Engineering	conducted in Polish	<p>no interviews are planned</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Nanotechnology	conducted in Polish/ conducted in English	<ol style="list-style-type: none"> 1. testing competence in the field of exact sciences and technical sciences at the level of first degree studies 2. checking the predisposition to continue studies in nanotechnology 3. analysing the programme implemented by the candidate on his/her first degree studies 4. verifying oral and written English language skills <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>

Paper and Printing Technology (full-time, four-semester studies) (practical profile)	conducted in Polish	<ol style="list-style-type: none"> 1. checking competence in the area of technical or scientific sciences at the level of first cycle studies, in particular: basic chemistry or physics, or mathematics, or computer science. 2. checking the predisposition to study paper and printing. 3. analysing the program followed by the candidate at the first or second cycle studies <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Paper and Printing Technology (part-time, four-semester studies) (practical profile)	conducted in Polish	<ol style="list-style-type: none"> 1. checking competence in the area of technical or scientific sciences at the level of first cycle studies. 2. testing the aptitude to study paper and printing. 3. analysing the programme implemented by the candidate at the first or second cycle studies. <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Production Engineering	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected activities in the foreign language</i></p>
Sustainable Bioeconomy (three-semester studies)	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Technical Physics	conducted in Polish	<p>no interviews are planned</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Textiles	conducted in Polish	<p>no interviews are planned</p> <p><i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected classes held in the foreign language.</i></p>
Textiles	conducted in English	<p>no interviews are planned</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>
Transport	conducted in Polish	<p>no interviews are planned</p>

		<i>Candidates should have foreign language skills at B2 level of the Common European Framework of Reference for Languages, allowing them to actively participate in selected activities in the foreign language.</i>
Urban Planning	conducted in Polish	<p>1. learning outcomes included in the first cycle programme of studies in spatial management</p> <p>2. evaluation of the student's achievements</p> <p>When assessing a student's achievements, the following will be taken into account:</p> <ul style="list-style-type: none"> - participation in students scientific association (confirmed by the Circle's tutor) - scientific publications (publication - available for inspection) - possible professional achievements (apprenticeship in the profession - relevant certificate of completion) - Participation in the development of projects carried out outside the compulsory studies (project for review). <p>For each additional achievement, between 0 and 10 points will be awarded.</p> <p><i>The candidate should have English language skills at B2 level of the Common European Framework of Reference for Languages, allowing him/her to actively participate in selected classes conducted in English.</i></p>