

Warsaw University of
Life Sciences - SGGW



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Why Warsaw?

Warsaw is one of the largest academic centres in Europe. Nearly a quarter million people study in the Polish capital. Arriving in Warsaw from near or far away, you will soon appreciate the vast opportunities of receiving education in the city at the heart of Eastern Europe. Courses offered at HEIs in both English and Polish meet the expectations of even the most demanding and sophisticated candidates. The fact that Poland is a member of the European Union guarantees that the knowledge and skills acquired in Warsaw will be recognised worldwide.

The public transport system is a genuine pride of Warsaw. In recent years, the underground rail system has been experiencing rapid development. The city is covered by an intricate network of bus routes and a well-developed tram network, which cannot be found in any other European capital. Warsaw is also a leader in using ecological drives in city buses, including electric, hybrid and gas buses. Public bicycles are available 24/7, for 9 months during the year – from March till November. Rental of mopeds and electric scooters is also gaining popularity. The network of cycle paths is continuously extending. Cyclists can currently use around 760 kilometres of bicycle routes.

Warsaw is well connected to the rest of the country thanks to an extensive network of motorways, expressways, three airports and a high-speed railway. From Chopin Airport you can fly directly to other cities, not only European ones.



Why SGGW?

Two hundred years of tradition is a commitment for us. We are one of the best academic centres.

With a natural, technical, and social profile, we are dedicated to pursuing sustainable development goals. If you share our values and are passionate about positively impacting the world, SGGW is the right place for you.

At SGGW, we believe in a practical approach to education. By graduating from SGGW, you will gain specific professional qualifications and be well-prepared to pursue an academic career. Our modern laboratories, research centres, and experimental farms all over the country, coupled with our experienced teaching staff, ensure a high level of teaching and numerous contacts with the business world. Thanks to our close relations with the agricultural sector, processing sector, and governmental institutions in Warsaw, internships in modern companies are readily available. Many of our students find work there while still studying, giving them a head start in their careers.



SGGW in the global rankings

SGGW in the global rankings In recent years, Warsaw University of Life Science (SGGW) has been intensively strengthening its position in national and international rankings. The University's position in the Sustainability rankings deserves special mention, as it has gained global recognition:

THE Impact (2024) - ranked 801-1000. The significant achievements under 'Zero Hunger' (SDG 2), "Good Health and Well-being" (SDG3), and 'Life on Land' (SDG15). In Poland, SGGW is ranked 1st Goal 15 (SDG15).

QS World University Rankings: Sustainability 2025 - 381st position in Europe and 11th in Poland.

FOR OTHER RANKINGS, IT IS WORTH PAYING ATTENTION TO THE FOLLOWING:

World University Rankings 2025 for International Students - SGGW was ranked among the top 15% of universities for international students.

Us News Best Global Universities Ranking (2024-2025) - SGGW is ranked #1311 in Best Global Universities; 462nd in Europe, and 15th in Poland. The Subject Ranking:

- Agricultural Sciences (107th worldwide and 1st in Poland).
- Food Science and Technology (148th worldwide and 1st in Poland)
- Plant and Animal Science (214th worldwide and 4th in Poland)
- Environment/Ecology (509th worldwide and 7th in Poland)



Science

The Warsaw University of Life Sciences is an important scientific and research centre.



16 institutes



5 research
centres



34 international
educational projects



4 local
experimental
units



HR Excellence
in Research



> 450 contracts and
agreements with foreign
universities and scientific
institutions

FIELDS AND MAIN research disciplines

- Agricultural sciences
- Engineering and technology
- Social sciences
- Science and life sciences

International Cooperation

The Warsaw University of Life Sciences aims to internationalise education and research.



Inter-institutional
agreements



Mobility
Programs



Educational
projects



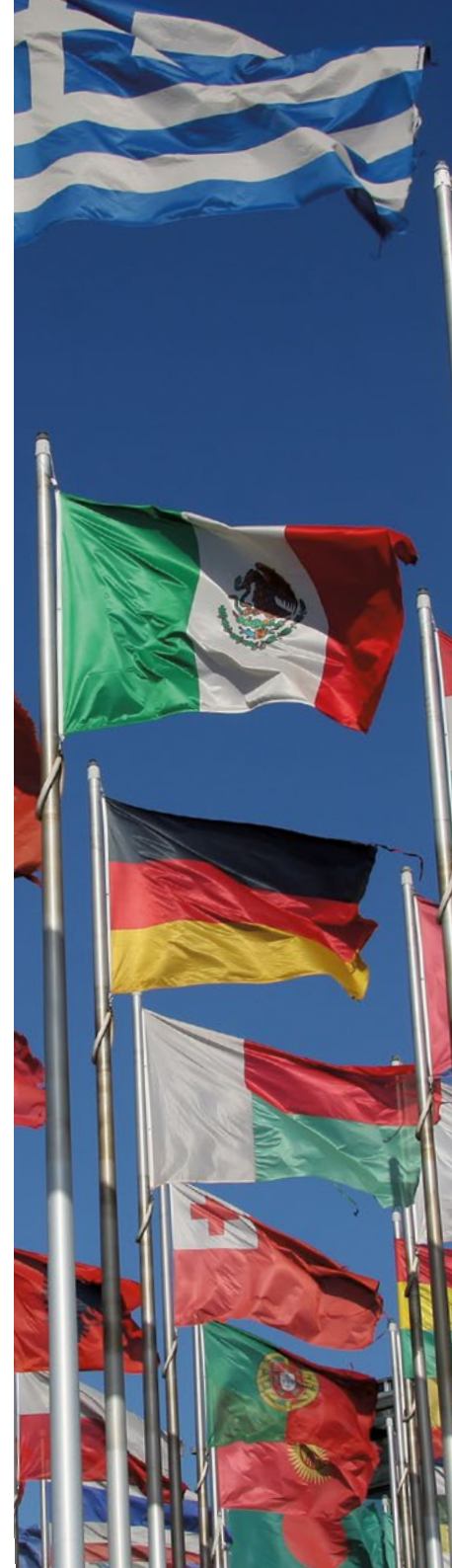
Alliances and
networks



Visiting professors



Welcome Centre –
WePoint



Campus

The SGGW campus is near Warsaw's southern ring road and offers everything you need to live and study comfortably. Faculties, dormitories, sports centres, medical clinics, pharmacies and grocery shops are all located in one place, which saves you time commuting.

Save you time commuting. You can live and study in the safe and green Ursynów and simultaneously be within easy reach of several metro stations that lead to the capital's full range of entertainment, ideal for enjoying student life.

The SGGW campus is divided into two parts. The Old Campus is the green heart of the university, where the administrative buildings and the headquarters of the rector's authorities. You can find natural monuments and charming nooks in the Ursynowska Escarpment reserve here. The new campus is the SGGW teaching centre, which has faculties, laboratories, research centres, and a library.



sports facilities



70 hectares
of green campus



300 lecture rooms



24 halls



student health
center



1500 teaching rooms



research centres



library



small vineyard



technological
support for
students



greenhouses



apiaries



vet clinic

WePoint

WePoint is where international students and staff members can receive necessary information and support at the beginning and during their stay at the Warsaw University of Life Sciences (SGGW).

Main activities of WePoint:

- Informing about SGGW, Warsaw and Poland
- Providing support with residence legalisation and health insurance
- Helping to overcome language and cultural barriers
- Assisting with everyday life issues in a new place
- Fostering integration between students by organising International events
- Promoting the attitude of openness & inclusiveness in the academic environment.

Before the start of every semester, WePoint organises an online Pre-Welcome Day to help our students better prepare for their stay in Poland and a Welcome Day in the first weeks of each semester.

WePoint staff will be glad to answer your questions.

Contact:

WePoint SGGW Main Library (bldg. 48, entrance C)

Monday - Friday, 9:00-15:00

tel. (+48) 22 593 18 46; wepoint@sggw.edu.pl

WePoint website:



Student Dormitories

Are you looking for an accommodation in Warsaw? Student dormitories are on the New Campus, i.e. across the street from where you submitted the documents. If you want to live in one of them, apply for a place. We will allocate you a room with the necessary equipment: duvet, pillow, bedding, blanket, bedside lamp, wardrobe and desk. Kitchens and bathrooms, depending on the dormitory, are shared places. A laundry and drying room will be at your disposal for a small fee. You can learn how to do this on the Administration of Student Dormitories and Canteens (ADiSS) website. Living on the campus, you are close to the SGGW Sports Facilities, and as a student of SGGW, you are entitled to a discount on the season ticket.



People with disabilities

At SGGW, we support not only people with disabilities but also those with special needs. People with special needs are those who, due to their characteristics or the circumstances in which they find themselves, need to take extra measures to overcome barriers that prevent or hinder their participation in various spheres of life on an equal footing with others. To receive support from the university, you do not need a disability certificate. A medical or psychological diagnosis is sufficient.

Every situation is different.

Check the support catalogue.



How to get support?

- Familiarise yourself with the catalogue of alternatives and forms of support.
- Fill in an application for the form of support you have chosen: application for support - special needs.
- If necessary, you can contact your Faculty Coordinator, Plenipotentiary or the Office for Persons with Disabilities - we will help clear up your doubts based on a short conversation.
- When submitting your application to the Dean's Office, prepare a copy of your disability/health certificate entitling you to support.
- Submit your completed application to the Dean's Office.
- A coordinator for students with disabilities has been appointed

at each Faculty. Any student/ doctoral student with a disability or special needs can benefit from the support of the Faculty Coordinator.

What more?

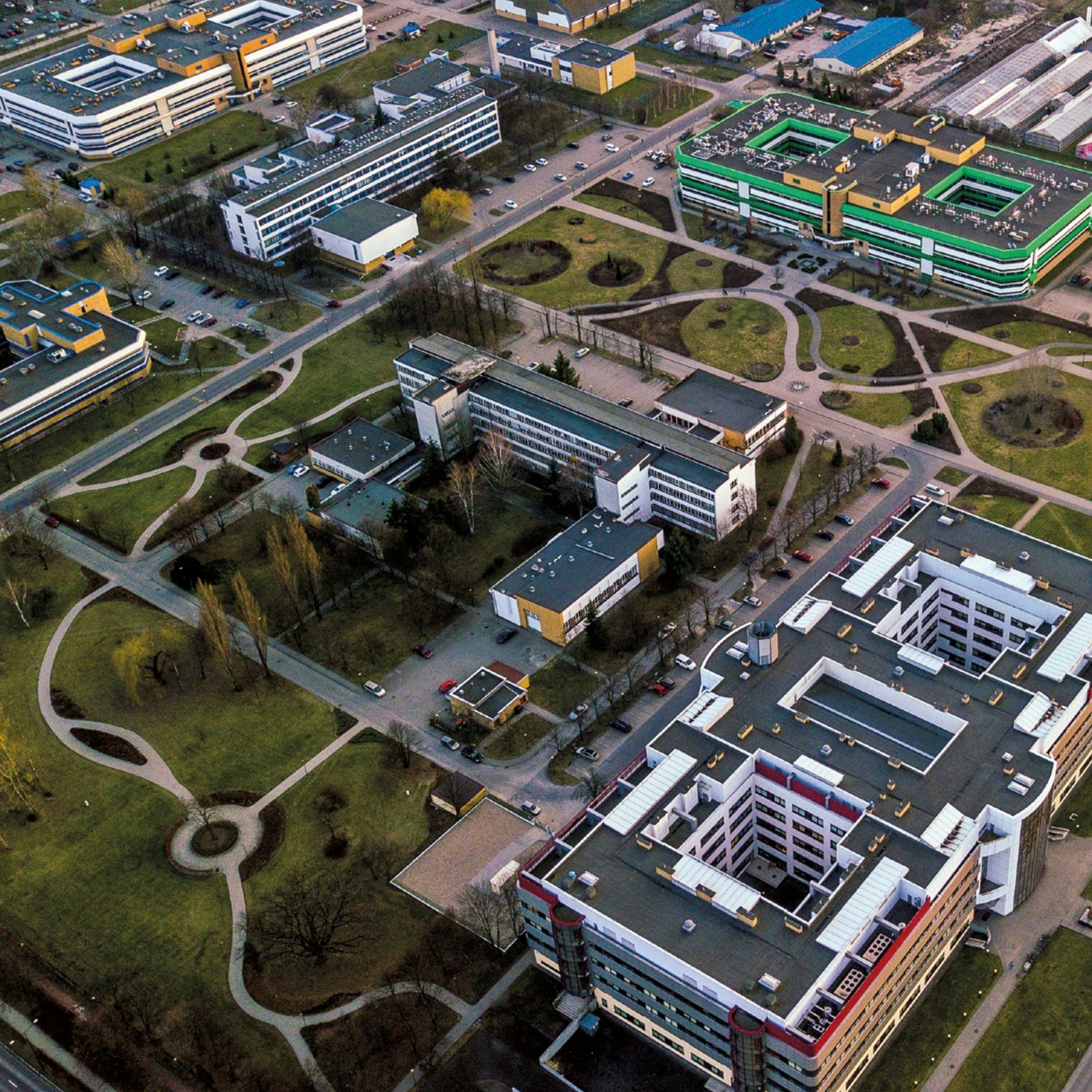
Acoustic cubicles for individual work are located in the Main Library. A quiet room for those needing a break from sensory stimuli is located in the Faculty of Animal Husbandry, Bioengineering and Protection and Veterinary Medicine. Rules of use are available from the Faculty's accessibility coordinator.

The relaxation room is on the ground floor of building 6 (Faculty of Economics).

Psychological support is available at the SGGW NZOZ: Warsaw University of Life Sciences - Psychological support. You are entitled to 7 complimentary visits. For the next eight meetings with a psychologist, you pay 50% of the price.

Support for students with hearing impairment: induction loops for individual use.

Support for students with visual impairments: OmniReader reading device with magnifier function, Magic magnification programme, ZoomText Magnifier and Reader, a magnification and screen reading programme.



STUDIES IN ENGLISH

Biotechnology

Degree
Bachelor of Engineering

Duration (semesters)

7

**Number of ECTS required
to complete the studies**
210 ECTS

Biotechnology is a multidisciplinary field of study, combining knowledge of life sciences and engineering, aiming to use the living organisms in product development, testing and manufacturing. In addition to general topics students can focus on plants, animals and microorganisms, biotechnology giving them practical and theoretical knowledge. The study programme aims to provide a solid foundation for future careers in food and pharmaceutical industry, diagnostics, plant breeding companies, research institutions and many others. Special attention is paid to cutting edge topics including bioinformatics, genomics, nanobiotechnology and genetic engineering. Graduates will be able to plan and run the biotechnological experiments and processes, generate, interpret and report high quality biological data, evaluate the use of particular methods and devices.

QUALIFICATION CRITERIA

- the results from secondary school final examination (maturity examination) - subjects: biology (PKG) and one of the subjects to choose from: chemistry or mathematics or physics (PKD)

Qualification result (WK)

$WK = PKG \times 0,5 + PKD \times 0,5$

- Confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with programme in English as language of instruction)
- Candidates applying for admission to studies in the English language, who are not in the possession of a B2 level English language proficiency certificate, approved by SGGW can confirm their knowledge of the language by taking an English language interview organized by the University. You can apply for an interview when registering for studies at IRK.



SYLABUS



Civil Engineering

Engineering Infrastructure

Degree
Master's degree

Duration (semesters)
3

**Number of ECTS required
to complete the studies**
90 ECTS

The primary aim of the study is to ensure the highest quality in transferring the advanced knowledge to graduates, and provide the best understanding of engineering infrastructure challenges. Those issues require the application of analytical, decision making, and critical thinking skills, that the students will develop during their studies. This will be achieved by delivering the best quality modules in topics such as structural design and geotechnical engineering.

QUALIFICATION CRITERIA

Candidates eligible for the qualification process include those:

Holding a relevant diploma:

- a first-cycle diploma of an engineer in civil engineering obtained in the Polish education system,

Holding a diploma requiring verification of alignment of learning outcomes:

- a first-cycle diploma of an engineer or a diploma of completion of long-cycle master's studies in another related field of study obtained in the Polish education system, or
- foreign diploma (Bachelor of Engineering or equivalent) in civil engineering or related field of study entitling the holder to apply for second-cycle studies in the country of issue.

Method of verifying the alignment of learning outcomes: A scan of the diploma supplement or a certified transcript from the university listing subjects, hours, grades, and ECTS points completed in the study program based on which the candidate applies for admission is verified. The candidate uploads the specified documents to their profile in the IRK system. If any discrepancies in learning outcomes are identified through analysis, the student will be required to make up for the competency gaps during their second-cycle studies by completing and passing the subjects indicated by the committee, not exceeding 30 ECTS. Candidates who have had their expected learning outcomes positively verified are considered further in the qualification process.



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Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. If the number of candidates exceeds the admission limit, first-cycle civil engineering graduates will be admitted first (based on the average grade from completed studies), followed by graduates of other fields of study (based on the average grade from completed studies). The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Environmental Engineering

spec. Modern Engineering in Water Management

Degree

Master's degree

Duration (semesters)

3

Number of ECTS required to complete the studies

90 ECTS

Modern Engineering in Water Management is the new international studies course launched by the Faculty of Civil and Environmental Engineering at SGGW. The Faculty of Civil and Environmental Engineering has the aim to offer the students holistic and interdisciplinary knowledge in the area of water management and environmental engineering. Specialists from different faculties of Warsaw University of Life Sciences (SGGW) and visiting professors from abroad will present the contents. Studies are focused on both technical and ecological aspects of the environment, emphasizing the role of the human in shaping sustainable landscapes and ecosystems. Specifically, students will obtain a complex knowledge of the integral approach in water management in the age of environmental droughts and climate change. The programme is divided into three semesters.

QUALIFICATION CRITERIA

Candidates eligible for the qualification process include those:

Holding a relevant diploma:

- a first-cycle diploma of an engineer in environmental engineering obtained in the Polish education system,
- Holding a diploma requiring verification of alignment of learning outcomes:
- a first-cycle diploma of an engineer or a diploma of completion of long-cycle master's studies in another related field of study obtained in the Polish education system, or
 - a foreign diploma (Bachelor of Engineering or equivalent) in environmental engineering or related field of study entitling the holder to apply for second-cycle studies in the country of issue.

Method of verifying the alignment of learning outcomes: A scan of the diploma supplement or a certified transcript from the university listing subjects, hours, grades, and ECTS points completed in the study program based on which the candidate applies for admission is verified. The candidate uploads the specified documents to their profile in the IRK system. If any discrepancies in learning outcomes are



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identified through analysis, the student will be required to make up for the competency gaps during their second-cycle studies by completing and passing the subjects indicated by the committee, not exceeding 30 ECTS. Candidates who have had their expected learning outcomes positively verified are considered further in the qualification process.

Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. If the number of candidates exceeds the admission limit, first-cycle environmental engineering graduates will be admitted first (based on the average grade from completed studies), followed by graduates of other fields of study (based on the average grade from completed studies). The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Environmental Protection

spec. Restoration and Management of Environment

Degree
Master's degree

Duration (semesters)
3

**Number of ECTS required
to complete the studies**
90 ECTS

The Environmental Protection MSc program enables all second-degree students to acquire knowledge, skills, and social competences necessary for professional work in environmental protection, in the areas of identifying environmental hazards, collecting and analyzing environmental data, making environmental decisions, applying environmental protection techniques and technologies, as well as the position of environmental protection issues in the legal system of Poland and the European Union.

QUALIFICATION CRITERIA

Candidates eligible for the qualification process include those:

Holding a relevant diploma:

- first-cycle diploma in environmental protection obtained in the Polish education system,

Holding a diploma requiring verification of alignment of learning outcomes:

- a diploma from another related first-cycle study program or long-cycle master's studies obtained in the Polish education system, or
- a foreign diploma (Bachelor's degree or equivalent) in environmental protection or related field of study entitling the holder to apply for second-cycle studies in the country of issue.

Method of verifying the alignment of learning outcomes: A scan of the diploma supplement or a certified transcript from the university listing subjects, hours, grades, and ECTS points completed in the study program based on which the candidate applies for admission is verified. The candidate uploads the specified documents to their profile in the IRK system. If any discrepancies in learning outcomes are identified through analysis, the student will be required to make up for the competency gaps during their second-cycle studies by completing and passing the subjects indicated by the committee, not exceeding 30 ECTS. Candidates who have had their expected learning outcomes positively verified are considered further in the qualification process.



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Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. If the number of candidates exceeds the admission limit, first-cycle environmental protection graduates will be admitted first (based on the average grade from completed studies), followed by graduates of other fields of study (based on the average grade from completed studies). The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Finance and Accounting

Degree

Master's degree

Duration (semesters)

4

Number of ECTS required to complete the studies

120 ECTS

The specialization has been established to provide students with the theoretical and practical foundations of finance and accounting and let them acquire of economics, marketing and management. Students will get to know with the principles of operation of economic entities and the relations between these entities and other institutions that create an economic environment, both on anational and international scale. They get acquainted with the regularities and effects of human economic activity. They learn how to develop individual entrepreneurship using various methods and techniques used in research in economic sciences. The aim of study is to provide students with the most up-to-date knowledge that will cover the current social needs and challenges of the labour market.

QUALIFICATION CRITERIA

Candidates eligible for the qualification process include those:

Holding a relevant diploma obtained in the Polish education system:

- first-cycle diploma in finance and accounting
- first-cycle diploma in economics
- first-cycle diploma in management

Holding a diploma requiring verification of alignment of learning outcomes:

- a diploma from another related first-cycle study program or long-cycle master's studies obtained in the Polish education system, or
- a foreign diploma (Bachelor's degree or equivalent) in finance and accounting or related field of study entitling the holder to apply for second-cycle studies in the country of issue.

Method of verifying the alignment of learning outcomes: Competency test. Candidates who obtain a positive result of the competency test are taken into account for further qualification.



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Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Food Science – Technology and Nutrition

Degree

Bachelor's degree

Duration (semesters)

4

Number of ECTS required to complete the studies

Bachelor's degree 180 ECTS

Are you passionate about food, technology, and innovation? Do you dream of working in an international environment and making a tangible impact on the food industry? Food Science – Technology and Nutrition is your perfect bachelor's program.

This exciting and dynamic field combines science with creativity, giving you practical experience in modern laboratories and allowing you to apply for internships in production companies or even international internships through Erasmus! You will learn about cutting-edge food technology, sustainable production, and the latest nutrition trends using virtual reality (VR) and management simulators. We include real-life scenarios interactively.

By studying with us, you'll develop teamwork, problem-solving, and communication skills, all essential for a successful career in this rapidly growing industry. Gain the knowledge and skills needed to shape the future of food and build a successful career in this dynamic field.

The course is now also available as a master degree!

QUALIFICATION CRITERIA

The results from the secondary school final examination (maturity examination) - subjects: biology or chemistry or mathematics (PKG)

Confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with programme in English as language of instruction)

Candidates applying for admission to studies in the English language, who are not in the possession of a B2 level English language proficiency certificate, approved by SGGW can confirm their knowledge of the language by taking an English language interview organized by the University. You can apply for an interview when registering for studies at IRK.

Qualification result (WK)

WK = PKG x 1



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Project co-financed by the European Social Fund Plus within the framework of the European Funds for Social Development 2021-2027 Program, Priority 1 Skills, Measure 01.05 Skills in Higher Education.



Food Science – Technology and Nutrition

Degree
Master's degree

Duration (semesters)
4

Number of ECTS required to complete the studies
Balcheter's degree 120 ECTS

Ready to explore the challenges and solutions shaping tomorrow's food industry? Join our Food Science – Technology and Nutrition program and become an expert in sustainable food production, cutting-edge technologies, and human nutrition.

This two-year, English-taught master's program combines advanced knowledge with practical training. You'll use modern research equipment, innovative labs, and simulations to gain practical experience in food technology and nutrition. Explore topics like food processing, quality control, and consumer behavior, while participating in research projects and internships with leading companies and international institutions.

With opportunities to study abroad through Erasmus+ and the UNiGreen alliance, you'll connect with global leaders in sustainable food systems and green biotechnology. Flexible elective courses and professional internships let you tailor your education to your interests, whether in research labs, the food industry, or consulting firms.

Why Choose This Program?

- Gain deep knowledge in food processing, nutrition, and quality management.
- Tailor your learning with flexible electives and internships.
- Participate in research projects and international exchange programs.
- Prepare for a career in the global food industry, research, or consulting.

Start your journey toward a career that combines innovation, sustainability, and food!

QUALIFICATION CRITERIA

Holding a relevant diploma obtained in the Polish education system:

- first-cycle diploma in food technology and human nutrition

Holding a relevant diploma obtained at SGGW:

- first-cycle diploma in food science - technology and nutrition
- first-cycle diploma in organic agriculture and food production
- first-cycle diploma in biotechnology
- first-cycle diploma in food safety



SYLLABUS

- first-cycle diploma in dietetics
- first-cycle diploma in catering and hotel management
- first-cycle diploma in food marketing and commodity science
- first-cycle diploma in human nutrition and food assessment

Holding a diploma requiring verification of alignment of learning outcomes:

- a diploma from another related first-cycle study program or long-cycle master's studies obtained in the Polish education system, or
- a foreign diploma (Bachelor's degree or equivalent) in food technology and human nutrition or related field of study entitling the holder to apply for second-cycle studies in the country of issue.

Method of verifying the alignment of learning outcomes: A scan of the diploma supplement or a certified transcript from the university listing subjects, hours, grades, and ECTS points completed in the study program based on which the candidate applies for admission is verified. The candidate uploads the specified documents to their profile in the IRK system. If any discrepancies in learning outcomes are identified through analysis, the student will be required to make up for the competency gaps during their second-cycle studies by completing and passing the subjects indicated by the committee, not exceeding 30 ECTS. Candidates who have had their expected learning outcomes positively verified are considered further in the qualification process.

Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Forest Information Technology

Degree

Master's degree

Duration (semesters)

4

Number of ECTS required to complete the studies

120 ECTS

The Forest Information Technology (FIT) is a Master's study programme implemented in cooperation between the Eberswalde University for Sustainable Development, and the Warsaw University of Life Sciences – SGGW. Digital, smart, and innovative technologies have found their way into forestry and natural resource management, and are there to stay. Therefore, FIT focuses on fundamental and applied knowledge of environmental information technologies and Green Information Technologies (Green IT) applications in the global forestry context. Graduates are experts in the application of modern information technologies in the forest and environmental sector and can solve problems in silvicultural practice as well as spatial information and data management. The certificates of degree are issued by the two enrolling partner universities. Both diplomas enable entering various European and international job markets with a focus on digital technologies or sustainable natural resource management and empirical ecological research.

QUALIFICATION CRITERIA

Candidates eligible for the qualification process include those:

Holding a relevant diploma:

- first-cycle diploma in forestry obtained in the Polish education system,

Holding a diploma requiring verification of alignment of learning outcomes:

- a diploma from another related first-cycle study program or long-cycle master's studies obtained in the Polish education system, or
- a foreign diploma (Bachelor's degree or equivalent) in forestry or related field of study entitling the holder to apply for second-cycle studies in the country of issue.



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Method of verifying the alignment of learning outcomes: A scan of the diploma supplement or a certified transcript from the university listing subjects, hours, grades, and ECTS points completed in the study program based on which the candidate applies for admission is verified. The candidate uploads the specified documents to their profile in the IRK system. If any discrepancies in learning outcomes are identified through analysis, the student will be required to make up for the competency gaps during their second-cycle studies by completing and passing the subjects indicated by the committee, not exceeding 30 ECTS. Candidates who have had their expected learning outcomes positively verified are considered further in the qualification process.

Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. If the number of candidates exceeds the admission limit, first-cycle forestry graduates will be admitted first (based on the average grade from completed studies), followed by graduates of other fields of study (based on the average grade from completed studies). The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Informatics

Degree

Bachelor of Engineering

Duration (semesters)

7

Number of ECTS required to complete the studies

210 ECTS



SYLLABUS

The field of study trains engineers in the broad field of computer technology. The education covers all basic areas of theoretical and practical computer science, including computer systems, databases, computer networks, computer graphics, software engineering and cryptology. Students can design and run computer systems, program in high-level languages, and design and administer databases. They also have theoretical and practical knowledge in artificial intelligence, computer graphics and data communications.

QUALIFICATION CRITERIA

The results from secondary school final examination (maturity examination) – subjects: physics, informatics, mathematics (PKG)

Qualification result (WK)

$WK = PKG \times 1$

Confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with programme in English as language of instruction)

Candidates applying for admission to studies in the English language, who are not in the possession of a B2 level English language proficiency certificate, approved by SGGW can confirm their knowledge of the language by taking an English language interview organized by the University. You can apply for an interview when registering for studies at IRK.

CAREER PROSPECTS

Graduates of computer science can be employed in all branches of the economy where computers are used, in particular in:

- computer companies that develop software, websites or administer computer networks,
- companies dealing with e-business, banks, European institutions, state and local administration, non-governmental institutions,
- scientific and research institutions.

```
def _log_function(self, t):  
    1288  
    1289  
    1290  
    1291  
    1292  
    1293  
    1294  
    def Exponential(name, rate):  
        """  
        Create a continuous random variable with  
        an Exponential distribution.  
    """  
    1713  
    1714  
    1715  
    def _moment_generating_function(self, t):  
        return (1 - self.rate * t) ** -1
```

```
from sympy.stats.crv import SingleContinuousPSp  
from sympy.stats.compound_rv import CompoundPSp  
from sympy.stats.symbolic_probability import Pro  
from sympy.stats.test import raises XFAIL, s  
from sympy.stats import Intersection  
from sympy.stats import (P, E, where, de  
given, pspace, C  
ContinuousRV, sal  
ContinuousRV, Arc  
Cauchy, Chi, ChiSq  
Exponential, Expon  
GammaInverse, Gomp
```


Informatics and Econometrics

spec. Big Data Analytics

Degree

Master's degree

Duration (semesters)

4

Number of ECTS required to complete the studies

120 ECTS

The Big Data Analytics specialization is focused mainly on methods of analysis of the massive datasets. Within this specialization the students will get acquainted with the technologies used for storing, processing and analyzing large data sets and with other quantitative methods of economic analysis, the computer science tools and their practical applications. The students will acquire practical skills in building analytical solutions on big data platforms. They will become familiar with distributed and parallel processing systems. They will learn how to use basic tools to visualize large data sets. The specialization is focused on the use of high level programming languages, as well as on the design and programming of the databases. The graduates will be able to incorporate the available methods and tools into the computer analysis systems.

QUALIFICATION CRITERIA

Candidates eligible for the qualification process include those:

Holding a relevant diploma obtained in the Polish education system:

- first-cycle diploma in informatics and econometrics
- first-cycle diploma in informatics
- first-cycle diploma in economics
- first-cycle diploma in finance and accounting
- first-cycle diploma in logistics

Holding a diploma requiring verification of alignment of learning outcomes:

- a diploma from another first-cycle study program or long-cycle master's studies obtained in the Polish education system, or
- a foreign diploma (Bachelor's degree or equivalent) in informatics and econometrics or related field of study entitling the holder to apply for second-cycle studies in the country of issue.



SYLABUS

Method of verifying the alignment of learning outcomes: A scan of the diploma supplement or a certified transcript from the university listing subjects, hours, grades, and ECTS points completed in the study program based on which the candidate applies for admission is verified. The candidate uploads the specified documents to their profile in the IRK system. If any discrepancies in learning outcomes are identified through analysis, the student will be required to make up for the competency gaps during their second-cycle studies by completing and passing the subjects indicated by the committee, not exceeding 30 ECTS. Candidates who have had their expected learning outcomes positively verified are considered further in the qualification process.

Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Management

Degree
Bachelor's degree

Duration (semesters)
6

**Number of ECTS required
to complete the studies**
180 ECTS

The study program includes statistics, organization science, corporate finance, law, microeconomics, macroeconomics, accounting and marketing. The objectives of education in the field of Management are aimed at gaining by students a thorough theoretical and practical knowledge in the field of management and quality sciences and related sciences regarding the essence, regularities, and problems of the functioning of organisations – enterprises, public institutions. They have the skills to identify, diagnose and solve problems related to managing human, material, financial, and information resources. These studies develop competencies enabling them to take up professional work as an organization and management specialist and manager/middle management manager in enterprises, as well as to run their own business. Graduates have the skills of effective communication, negotiation, and persuasion, as well as teamwork. A special distinguishing feature of graduates is fluent knowledge of the specifics of enterprises and economic units operating in the sphere of broadly understood agribusiness. Graduates are prepared to work in agribusiness enterprises, commercial and service sector, various types of consulting agencies, economic and local government organizations, education, research and development facilities, foreign and international institutions related to agribusiness.

QUALIFICATION CRITERIA

- the results from secondary school final examination (maturity examination) – subjects: mathematics (PKG) and one of the subjects to choose from: physics or geography or history or a modern foreign language or Polish or social studies (PKD)

Qualification result (WK)

$$WK = PKG \times 0,5 + PKD \times 0,5$$

Confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with programme in English as language of instruction)

Candidates applying for admission to studies in the English language, who are not in the possession of a B2 level English language proficiency certificate, approved by SGGW can confirm their knowledge of the language by taking an English language interview organized by the University. You can apply for an interview when registering for studies at IRK.



SYLLABUS

Organic Agriculture and Food Production

The Faculty of Agriculture and Ecology aims to offer the students a holistic and interdisciplinary knowledge in the area of organic agriculture and food production presented by the best specialists from different faculties of Warsaw University of Life Sciences (SGGW) and abroad. The OAFP BSc study programme is constructed according to the expectations of potential employers within organic food production industry. The focus lies in the innovative teaching methods activating students and preparing them for future employment. The studies offer possibilities to develop the necessary skills and knowledge needed in desired specialties.

QUALIFICATION CRITERIA

- the results from secondary school final examination (maturity examination) - subjects: biology or chemistry or mathematics (PKG)

Qualification result (WK)

$WK = PKG \times 1$

Confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with programme in English as language of instruction)

Candidates applying for admission to studies in the English language, who are not in the possession of a B2 level English language proficiency certificate, approved by SGGW can confirm their knowledge of the language by taking an English language interview organized by the University. You can apply for an interview when registering for studies at IRK.

Degree

Bachelor's degree

Duration (semesters)

6

Number of ECTS required to complete the studies

180 ECTS



SYLLABUS

Sustainable Horticulture

Degree

Master's degree

Duration (semesters)

4

Number of ECTS required to complete the studies

120 ECTS



SYLABUS

Study offers the second cycle studies in the field of general horticulture. It provides a wide range of practical classes, including work in a modern greenhouse and analytical laboratories. Teaching programme focuses on plant functioning under environmental stresses, molecular biology, applied plant pathology, modern technologies in plant production and the microworld of fungi. Studies increase chances in the Polish and international job market. Graduates can work in horticultural production and consulting, raw materials and cosmetic laboratories and scientific and research institutions.

QUALIFICATION CRITERIA

Candidates eligible for the qualification process include those:

Holding a relevant diploma obtained in the Polish education system:

- a first-cycle diploma of an engineer in urban horticulture and arboriculture
- a first-cycle diploma of an engineer in horticulture
- a first-cycle diploma of an engineer in plant health protection

Holding a diploma requiring verification of alignment of learning outcomes:

- a diploma from another first-cycle study program or long-cycle master's studies obtained in the Polish education system, or
- a foreign diploma (Bachelor's degree or equivalent) in horticulture or related field of study entitling the holder to apply for second-cycle studies in the country of issue.

Method of verifying the alignment of learning outcomes: A scan of the diploma supplement or a certified transcript from the university listing subjects, hours, grades, and ECTS points completed in the study program based on which the candidate applies for admission is verified. The candidate uploads the speci-

fied documents to their profile in the IRK system. If any discrepancies in learning outcomes are identified through analysis, the student will be required to make up for the competency gaps during their second-cycle studies by completing and passing the subjects indicated by the committee, not exceeding 30 ECTS. Candidates who have had their expected learning outcomes positively verified are considered further in the qualification process.

Candidates whose English language proficiency at a minimum B2 level has been confirmed through the acceptance of an uploaded language certificate in the IRK or through an interview verifying English language proficiency at the same level are eligible for the qualification process.

Candidates who meet the above requirements are qualified based on the arithmetic average of all final grades from the subjects included in the program of completed studies. The result, based on which the ranking list is created, is the product of the aforementioned average and the alignment coefficient.

Veterinary Medicine

Degree

Veterinary Surgeon /
/ Doctor of Veterinary Medicine

Duration (semesters)

11 (long cycle)

Number of ECTS required to complete the studies

360 ECTS



SYLABUS

Well-matched programme of the study offer for veterinary medicine provides students of long-cycle Master's degree programme with:

- knowledge, skills and competences required to describe rules and mechanisms underlining animal health, diagnose disease and implement therapy of a single animal or of a herd
- competence in protection of public health via monitoring of animal feed, animal production, production facilities, products of animal origin and distribution and transport of animals and products of animal origin
- competences in soft skills: problem solving, accumulation, elaboration, critical analysis and propagation of knowledge, working in the multidisciplinary team.

QUALIFICATION CRITERIA

- the results from secondary school final examination (maturity examination) - subjects: biology (PKG) and chemistry (PKD)

Qualification result (WK)

$$WK = PKG \times 0,5 + PKD \times 0,5$$

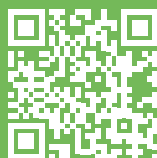
Confirmed knowledge of English (certificate of English language at least level B2 or maturity exam in English language at an Advanced level with result at least 60%, or a document confirming completion of the high school with programme in English as language of instruction)

Candidates applying for admission to studies in the English language, who are not in the possession of a B2 level English language proficiency certificate, approved by SGGW can confirm their knowledge of the language by taking an English language interview organized by the University. You can apply for an interview when registering for studies at IRK.





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OF LIFE SCIENCES



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