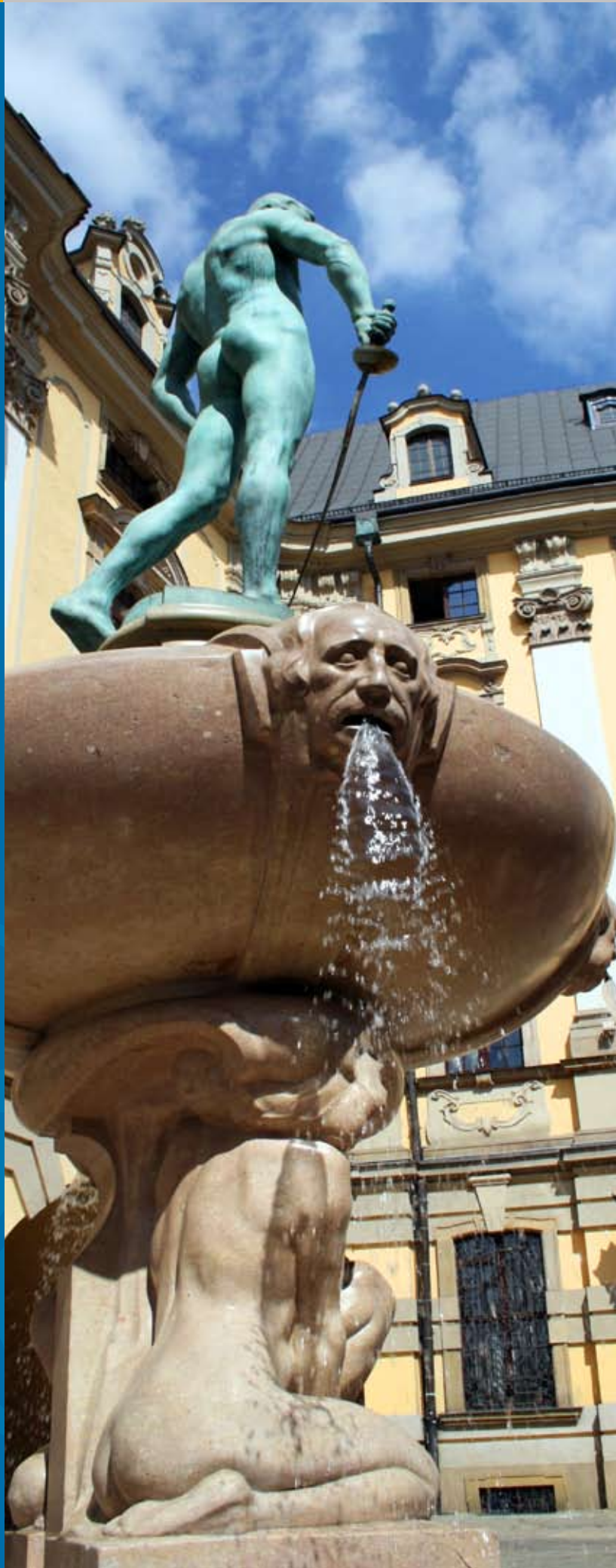




University  
of Wrocław



**INTERNATIONAL PROSPECTUS 2008/2009**  
**UNIVERSITY OF WROCLAW**



# Message from the Rector

---

One of the challenges and opportunities of the era of globalization is freedom to choose a country and a university at which to study. The educational options available to young people are nowadays much greater than for any of the previous generations. Traditionally, young people from non-English speaking backgrounds most often chose institutions in the USA, UK, and more recently Australia for education in English.

In the last twenty years, however, the political and consequently the educational map of the world has changed dramatically. Europe has opened its borders to the world not only for visitors interested in what the old world has to offer but also for the purposes of education.

And in Europe many think that Wrocław, the largest city in the West of Poland is one of the most fascinating places to be. The University of Wrocław has a history of more than three centuries and a long list of Nobel Prize winners. It is proud of its history, its buildings and the quality of research and education it provides. It is home to a large body of students from Poland and other European countries, and a small number of students from the other parts of the world.

I would like to invite you to come and study at the University of Wrocław to gain quality education and experience some of the most enjoyable moments of your life and at the same time to help us make our University a truly diverse and international educational institution.



Professor Leszek Pacholski  
Rector of the University of Wrocław



# Contents

## INTRODUCTION

- 5 Academic Calendar
- 6 Destination Wrocław
- 7 Why Choose Our University?
- 8 General Information
  - Academic Staff
  - Library
  - Student Societies
  - Sports and Free Time
  - School of Polish
  - University Structure
  - Accommodation
  - Living Expenses
- 10 Maps
- 12 Study for International Students
- 14 Degrees and Degree Recognition
- 15 Programmes in English
- 16 Entry Requirements
- 17 Preparatory Courses
- 18 Support Services
  - Reception
  - Orientation
  - Visa
  - Temporary Residence Card
  - Student Card
  - Health Care
  - Legalize Your Degree
  - 2Wrocław

## FACULTIES

- 20 Philology
- 34 Historical and Pedagogical Sciences
- 40 Social Sciences
- 44 Law, Administration and Economics
- 46 Physics and Astronomy
- 54 Mathematics and Computer Science
- 60 Biological Sciences
- 66 Biotechnology
- 68 Chemistry
- 70 Earth Science and Environmental Management

## MORE INFO

- 76 Testimonials
- 78 Admission process
- 79 Application form (tear-out)
- 81 Useful Contacts



# Academic Calendar

## Winter semester

Inauguration of academic year	1 October
Teaching period	2 October – 29 January
Christmas break	24 December – 2 January
Examinations	30 January – 12 February
Re-sit examinations	13 February – 20 February
Winter break	21 February – 27 February
Days off	1 October, 2 November, 15 November

## Summer semester

Teaching period	28 February – 23 June
Easter break	21 March – 25 March
Examinations	24 June – 4 July
Re-sit examinations	3 September – 23 September
Days off	2 May, 8 May, 23 May

## Public Holidays

New Year's Day	1 January
Easter	23 – 24 March
Labour Day	1 May
Constitution Day	3 May
Corpus Christi	22 May
All Saints Day	1 November
Independence Day	11 November
Christmas	24 – 26 December

**NOTE:** The dates are for the academic year 2007/2008. Please consult our web page for future dates.



# Destination Wrocław

## ABOUT

Wrocław the fourth biggest city in Poland, is the economic, cultural and intellectual capital of Lower Silesia. It is one of the largest university centers in the country. The city's intellectual life is focused around 13 academic schools.

Wrocław is situated on the Odra (Oder) River, just north of the Sudety Mountains. It is close to both Germany and the Czech Republic. It is cut through by the river and its many tributaries and canals. Within the city there are 12 islands and 112 bridges.

The city of Wrocław boasts fascinating architecture, many rivers and bridges, and a lively metropolitan cultural scene. It is a city with a troubled past, having seen much violence and devastation, and it was almost completely destroyed during the Second World War. However, it has been restored and now is one of the highlights of Poland, and the entire central European region.

Wrocław's historical center is surrounded by abundance of greenery, parks, good restaurants, hotels and friendly people making the city a pleasant place to live and study in. It is also a crossing point of three international routes, has two large railway stations, two river ports and an international airport, ensuring easy connection with the whole world.

## POLAND

The Republic of Poland (Rzeczpospolita Polska) is located in East-Central Europe. It extends over the plain between the Carpathian Mountains and the Baltic Sea for about 650 km from south to north, and about 690 km at its widest from west to east. With an area of about 312,000 square km, the country ranks in sixth place on the continent. It has a population of 38,8 million.

Poland borders in the north along the Baltic Sea, in the north-east with Russia and Lithuania and in the east with Belarus and Ukraine. In the south, the border follows the ranges of the Carpathian and Sudeten Mountains, which separate Poland from Slovakia and the Czech Republic, while to the west, the border with Germany is defined by the rivers Nysa and Odra.

Poland is divided into 16 voivodeships (provinces) and each province is divided into districts and into smaller units-gminy (communes). Each voivodeship has a capital city.

The biggest cities of Poland are: Warsaw, Poznań, Kraków, Łódź, Wrocław, Bydgoszcz, Gdańsk, and Szczecin.

Since 1 May 2004 Poland has become a EU member and on 21st December 2007 Poland joined the Schengen area – a territory with no checks at internal borders.



# Why Choose Our University?

The University of Wrocław has a rich history of more than three centuries. Founded by Leopold I Habsburg the university evolved from a modest school run by Jesuits into one of the biggest academic institutions in Poland. At the beginning of the 19th century the university had five Faculties: philosophy, catholic theology, evangelical theology, law and medicine. Later it was expanded by numerous sections, laboratories and a natural museum, which exists until today.

After World War II a group of Polish professors, formerly from Lvov (now in Ukraine), started teaching and research activities at the University of Wrocław. Initially they created the Faculties of law and administration, arts, natural sciences, agriculture, veterinary, medicine, mathematics, physics and chemistry. Some of these Faculties were soon transformed into other universities.



Since the beginning of the 20th century, the University of Wrocław has produced 9 Nobel Prize winners, such as Theodore Mommsen, Phillip Lenard, Eduard Buchner, Paul Ehrlich, Fritz Haber, Friedrich Bergius, Erwin Schrödinger, Otto Stern and Max Born.

Today, the first and foremost focus of the University of Wrocław is scientific research. Our scholars have numerous links with their fellow researchers from other higher education institutions in Poland and throughout the world. The success of our researchers has been recently recognized by Polish authorities, who significantly increased funding for both equipment and research at our University by 80% compared to previous years.

As in most countries, in Poland the national quality assessment system is part of a national strategy for improving the quality of education. Every four years the Ministry of Education evaluates Faculties of all Polish universities. Last year 9 out of 10 of our Faculties qualified in the highest category and one was in the second highest category.

The Academic Incubator of Entrepreneurship is a new unit of the University of Wrocław designed to aid students in starting their own businesses by providing free entrepreneurial advice, organizing conferences, seminars, subsidizing selected investments and offering office space. The Academic Incubator of Entrepreneurship cooperates with the Wrocław Technology Park, a technological centre with laboratories, office space, a conference centre and modern multimedia equipment. The objective of the Technology Park is to create conditions for the use of the scientific and

industrial potential of Wrocław and the region and to stimulate the advanced technologies industry. The University of Wrocław is proud to be one of its shareholders.

Today the University of Wrocław is the largest university in the region and teaches over 40,000 students and around 1300 doctoral students at 10 Faculties. 9000 students graduate from the University every year.

The University offers a broad range of courses taught in Polish and English in over 70 areas of study offered by 10 Faculties: philology, history and pedagogy, social sciences, law, administration and economics, mathematics and computer science, chemistry, physics and astronomy, biotechnology, biological sciences, and earth science and environmental management.

All courses have three stages, according to the EU-wide Bologna process: a three-year Bachelor program, a two-year Master program and an optional 4-year doctoral program. There is also a wide range of continuing education programs.

International students proficient in Polish are welcome to enroll in courses taught in Polish. Each Faculty, however, offers a number of programs taught in English. Detailed information can be found at [www.international.uni.wroc.pl](http://www.international.uni.wroc.pl) or by contacting the International Office at any of the email addresses listed on page 83.

# General Information

## ACADEMIC STAFF

The University of Wrocław employs highly qualified and experienced academic staff who represent both Polish universities, and schools from USA, Germany, Austria, France, Holland, Belgium, Great Britain, the Czech Republic, Spain, Italy, Japan, Russia, Slovakia, Serbia, Ukraine and Belarus. There are over 400 professors, 1000 doctors, and almost 300 expert teachers.

## LIBRARY

There are two main university libraries in Wrocław. General collections are held in the building at ul. Szajnochy, and special collections are stored in the building of the former Augustian monastery in ul. Św. Jadwigi.

General collections include books and journals published after 1800 as well as a constantly growing collection of e-books. The building also houses the departments of collection cataloguing, the computer section with the main server room, the director's and administration offices, and exhibition halls which are available to the public.

Special collections include books on Silesia and Lusatia, the biological section, manuscripts, old prints, graphics collection, cartographic collection, and music collection. The building also houses a conservation laboratory and a reprographic studio.

Apart from the main libraries, each Faculty has its own branch library. The newly designed, state-of-the-art University Library is currently under construction close to the city centre.

The university library with over 7000

items online offers services which may be accessed through a specially designed web site ([www.bu.uni.wroc.pl](http://www.bu.uni.wroc.pl)). Services include an internet store, online registration, online query, interlibrary loans, ordering photographic and digital copies of library materials, and online access to the Digital Library of University of Wrocław.

## Digital Library

The Digital Library of the University of Wrocław provides access to the most interesting collection of historical writings, educational works and exhibitions. Also their historical value, content, form and origin render them the cultural heritage of Europe and the region. The Cultural Heritage collection spans the whole Europe and the regions of Silesia and Lusatia. Collections are available 24 hours a day seven days a week through the Internet. Some collections are available only via Library computers due to copyright law limitations.

## STUDENT SOCIETIES

There are over 130 student societies at the University of Wrocław which offer a wide range of activities. Students can organize and participate in conferences, workshops, field trips, and take advantage of advice services. The latter include the Legal Advice Center which is managed by students of the Civil Law Institute and supervised by its teachers. The Centre provides legal advice free of charge. For students it is a great opportunity to learn and master their future profession.

## SPORTS AND FREE TIME

The University of Wrocław offers a wide variety of sports and physical activities. The sports program allows all students to engage in a

sport they like. The programme is adapted to class schedules so that studies are not compromised.

Basic activities include aerobics, aqua aerobics, aikido, badminton, body styling, callanetics, gymnastics, artistic gymnastics, cross-country running, Hatha Yoga (Hata Yoga Iyengara), horse-riding, karate, basketball, football, volleyball, swimming, step, Tai Chi Chuan, ballroom dancing, lawn tennis, table tennis, floorball, climbing, rowing,

Weekend activities include bicycle tourism, mountain tourism, canoeing, mountain biking, skiing and snowboard. Students may also participate in a sailing camp

Additionally every student can participate in the sport sections. The list of activities is the same as basic activities. In the section classes are more professional, they are adjusted to each person.

## SCHOOL OF POLISH LANGUAGE AND CULTURE

International students who wish to learn Polish have access to the resources of the School of Polish Language and Culture. The School organizes a one year preparatory Polish course for international students. It also offers semester courses, intensive summer courses, teaching trips, on-demand courses, Polish proficiency examination oriented courses and courses for prospective lecturers.

The teachers on courses offered at the School are mainly researchers from the Institute of Polish Philology. They have many years of experience teaching Polish as a second language

in national and international institutions.

Students may also participate in internships at cultural and social institutions in Wrocław. It is a great opportunity to start using Polish in real life situations, gain experience, and study the various aspects of working in local and national representative institutions. Interns most often work in the offices of members of parliament, arts festival offices, different departments of the City Office, the Jewish community, museums, the office of promotion of the University and the Collegium of Eastern Europe. The Institute also comprises the Jewish Culture and Language Study and the Lithuanian Language and Culture Study.

## UNIVERSITY STRUCTURE

The University of Wrocław offers 30 different fields of studies at 10 faculties. Each faculty is usually divided into several departments, details of which may be found on the University website. Each department has a special coordinator to whom you may address all questions concerning your studies in Wrocław, e.g. which courses are offered in English, and the details on ECTS-points for your classes.

The University of Wrocław is not only a set of regular buildings and institutes where professors teach and students learn. There are also some other extraordinary scientific “sites” the variety of which may surprise you. One of these is the Botanical Garden (Wrocław) – a beautiful place abounding with greenery, a perfect spot for anyone in need of relaxation or biological or botanical inspiration. The University has also very interesting and well – equipped museums.

## ACCOMMODATION

The University of Wrocław accommodation consists of two halls of residence. Both of them are situated within easy travelling distance from the city center and provide a friendly and safe study environment.

Students live in shared modules with two bedrooms and a shared bathroom and kitchen. Kitchens are equipped with a refrigerator and an electric cooker. Each room has Internet access. Students may use the common room, the club, the study room and the laundry.

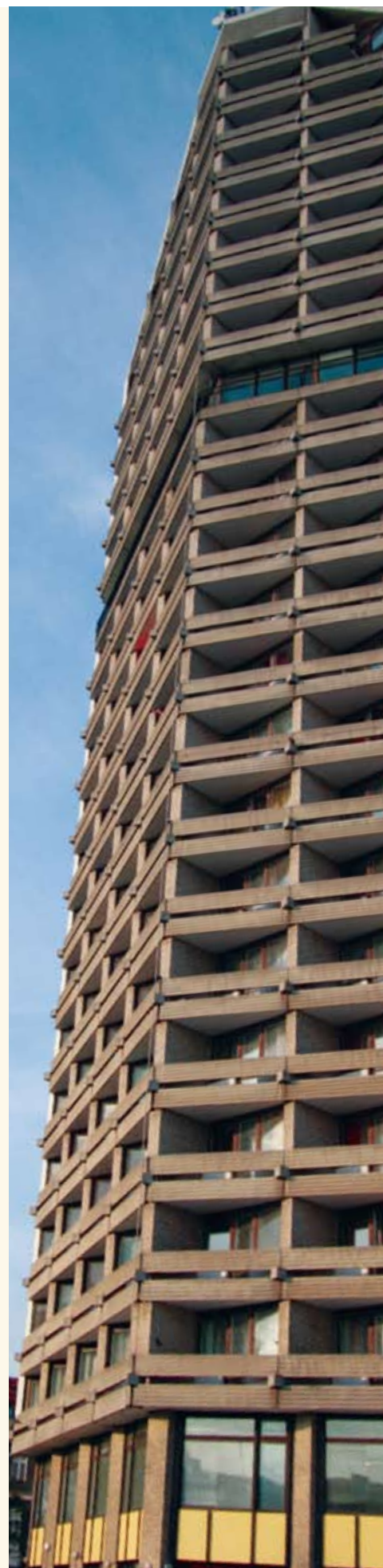
Monthly rent per person is approximately:

- 702 PLN (188 EUR) – single room
- 390 PLN (104 EUR) – double room

Renting a flat can cost from 1000 to 3000 PLN depending on the number of rooms. A cheaper option is to rent a room or shared room (from 250 to 350 PLN). For detailed information on accommodation options and the costs of transport, food, sports and entertainment please visit [www.junglebook.uni.wroc.pl](http://www.junglebook.uni.wroc.pl).

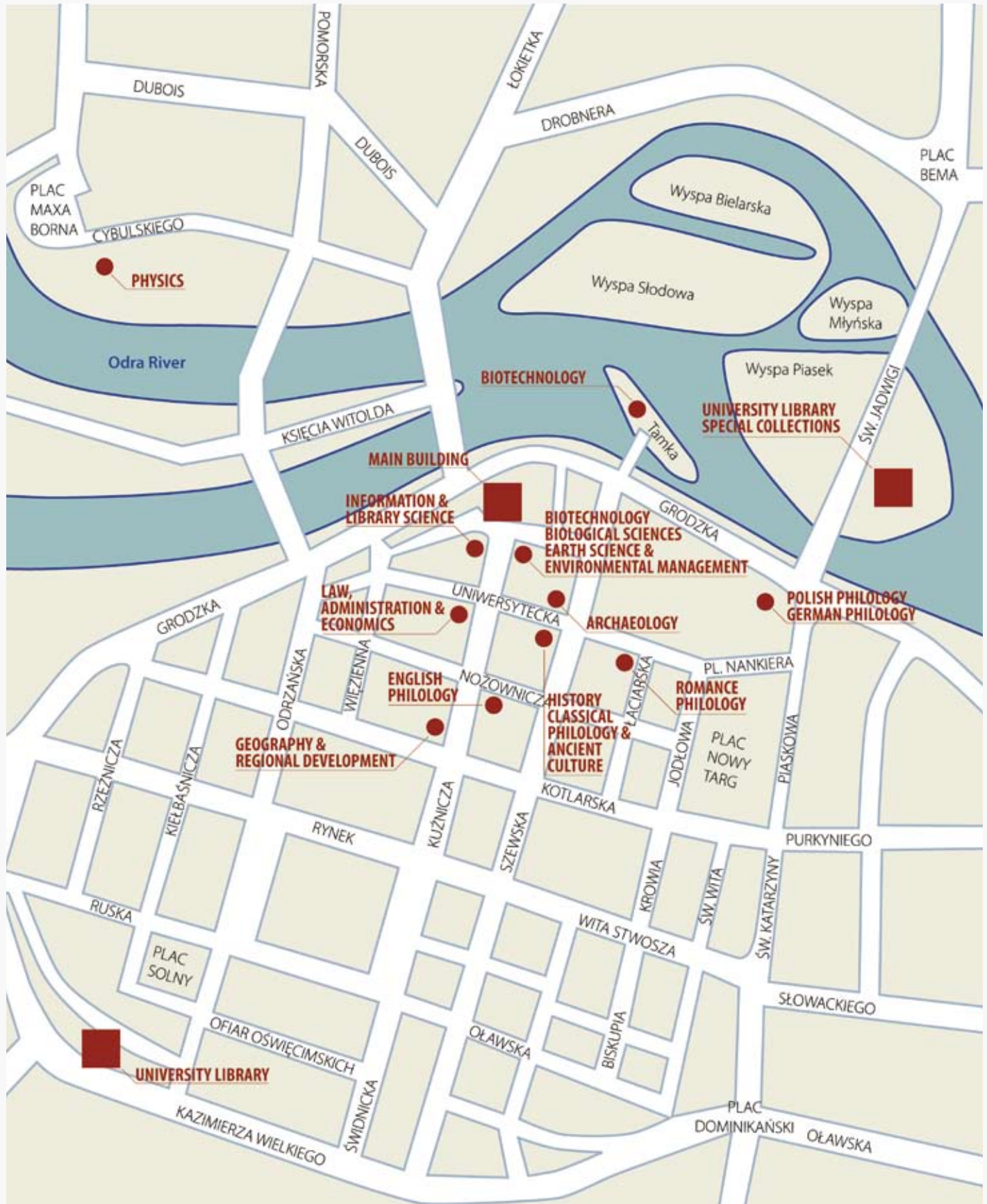
## LIVING EXPENSES

Approximate expenses per month	
Lodging	PLN 300-702/€87-202
Food	PLN 400-500/€115-144
Transportation	PLN 60-90/€17-26
Other	PLN 200-500/€58-144
<b>TOTAL</b>	<b>PLN 960-1792/€277-516</b>





# City Center



# Study for International Students

## STUDY IN POLISH

**email:** [studyinpolish@uni.wroc.pl](mailto:studyinpolish@uni.wroc.pl)

There are 330 international students studying in Polish at our University. The candidates must have a sufficient Polish proficiency prior to enrolment or they learn Polish in our School of Polish and Polish Culture. It takes 1-1.5 years to reach the level of Polish proficiency sufficient to commence studies in Polish.

The University of Wrocław offers a great number of programs in Polish. There are currently more than 30 fields with numerous specializations at the Bachelor level and nearly as much at the Master and doctoral levels, e.g.:

**Field of Study:** Philology.

**Specializations:** English, French, German, Spanish, Classic, Dutch, Russian, Serbian/Croatian, Czech, Ukrainian.

## STUDY IN ENGLISH

**email:** [international@uni.wroc.pl](mailto:international@uni.wroc.pl)

The majority of international students choose to study in English. Our University offers 13 Master programs and 2 Bachelor programs in English. Students who did not reach minimum English language requirement for entry to our programs in English may enrol in courses offered by the British Council prior to commencing studies. The British Council is part of our University.

**NOTE:** If your first language is English and/or if you have a university degree in English, you will be exempt from providing an English language test score.

## LLP-ERASMUS

**email:** [erasmus@uni.wroc.pl](mailto:erasmus@uni.wroc.pl)

The program is a continuation of the Socrates-Erasmus program which was renamed to LLP-Erasmus (Longlife Learning Programme) in 2007. The University of Wrocław joined this program in 1998 and since then has signed over 580 Erasmus bilateral agreements with universities from all EU countries and also Norway, Switzerland and Turkey. This cooperation includes student and staff exchange. Every year the number of participants increases.

Students from European universities may spend one or two semesters at the University of Wrocław, providing there has been a bilateral agreement established between their home university and the University of Wrocław and they are officially nominated by their home Erasmus coordinator. After being nominated for Erasmus exchange students should fill in the *Erasmus application form* and the *learning agreement* before 31st of July for the winter semester and 30th of November for the summer semester. More information and the list of departmental coordinators and application procedure can be found at: [www.international.uni.wroc.pl/erasmus](http://www.international.uni.wroc.pl/erasmus).

## STUDY ABROAD

**email:** [studyabroad@uni.wroc.pl](mailto:studyabroad@uni.wroc.pl)

The UWr Study Abroad program is available to undergraduate and postgraduate students studying at any accredited institution outside Poland. Students can study at UWr for one or two semesters and are enrolled as non-degree students. They can choose from a broad range of subjects, some uniquely related to European and Polish history and culture. The program costs €1500 per semester.

It is the student's responsibility to ensure that their proposed Study Abroad program is approved by their home institution's academic adviser. The UWr Study Abroad Certificate is awarded to students who complete one or two semesters of an approved study program.

Examples of the subjects:

Introduction to Multicultural Education  
Philosophy of Contemporary Humanities  
Nationality and the Ethnic in Central Europe and Poland  
History of Jews in Central Europe and Poland in the 20th century  
Theatrology  
Changes in Central Europe and Poland since 1945  
Introduction to Archeology  
Introduction to History of Central Europe and Poland

## Leonardo da Vinci program

**email:** [leonardo@uni.wroc.pl](mailto:leonardo@uni.wroc.pl)

This exchange program is designed for graduate students who wish to gain professional experience. They will work in modern corporations, institutions and social and cultural centers and will have the chance to gain practical knowledge of European standards and priorities.

## INTERNATIONAL STUDENT EXCHANGE PROGRAM (ISEP)

**email:** [exchangeprogram@uni.wroc.pl](mailto:exchangeprogram@uni.wroc.pl)

In 2005 the University of Wrocław joined the world's largest association of higher education institutions. ISEP has 260 members in the USA and 35 in European countries and focuses on organizing student exchange programs between universities of the world.

## ERASMUS MUNDUS

email: [mundus@uni.wroc.pl](mailto:mundus@uni.wroc.pl)

This program promotes high quality Master programs offered by universities in and outside of the EU. As one of the partners in this program the University of Wrocław offers two Erasmus Mundus Master Courses taught in English, the European Master Global Studies and MONABIPHOT

Students enrolled in 2006/2007 in both of these programs come from Australia, Cambodia, China, Egypt, Germany, India,

Pakistan, Palestine, Taiwan, Ukraine and Vietnam. Both fees and living allowances are covered by the EU.

## KIRKLAND

email: [kirkland@uni.wroc.pl](mailto:kirkland@uni.wroc.pl)

The University of Wrocław is one of the five Polish universities offering the Lane Kirkland Scholarship Program. The program is designed for university graduates from Ukraine, Belarus, Russia and Armenia, Azerbeidzan, Georgia, Kazakhstan and Moldova in the following disciplines: economics and management,

public administration (local and state), business administration, law, social sciences, political sciences.

The program focuses on system transformation issues based on Polish experience. The program lasts two semesters and comprises 2-4 week internships in public or private institutions.

All international exchange programs for students and staff are coordinated by the International Office.



# Degrees and Degree Recognition

## BACHELOR PROGRAMS

The programs are composed of obligatory and optional subjects. Their content, number of hours and form of assessment and ECTS points are provided in the curriculum. The programs lasts 3 years (6 semesters) and ends in a Bachelor examination.

**PLEASE NOTE:** According to the Regulation of the Minister of Education and Science on the Nostrification of School Certificates and Maturity Certificates Obtained Abroad (April 6, 2006) any school certificate obtained abroad has to be legalized in the country in which it was issued and then presented to the local educational authority (kuratorium oświaty) in Poland in order to be nostrified (recognised). The above does not apply to the certificates issued in the countries which have signed a bilateral agreement on the recognition of educational credentials with Poland.

## MASTER PROGRAMS

Applicants must have a bachelor's degree in area related to the proposed field of study.

The program is composed of obligatory and optional subjects and a specialist course. In the first semester students are assigned to a specialty/seminar according to their preferences stated during enrollment (provided that they meet the entry requirements for the selected specialty/seminar)

In the first semester students must attend all classes, and one specialty seminar. In subsequent semesters students can choose from optional classes and electives. The list of subjects for each specialty depends on its profile. Students may choose from the offer of

electives subjects. The program lasts 2 years (4 semesters). To obtain a Master Degree, students must write and defend a Master thesis.

**PLEASE NOTE:** Higher education diplomas (academic degrees) have to be nostrified by the councils of faculties which are entitled to award the degree of doktor habilitowany. Different rules apply to the higher education credentials issued in the countries which have signed a bilateral agreement on recognition of educational credentials with Poland

## DOCTORAL PROGRAMS

You have to submit the following documents:

- application form (signed and dated)
- certified copies of your academic records (Bachelor and Master)
- certified copies of your English proficiency
- a medical certificate
- 4 passport photos
- a copy of the passport
- research proposal

The program curriculum may be adjusted to the individually needs of the students and consulted with the promoter. It lasts 4 years (8 semesters). To obtain a Doctoral Degree students must write and defend a doctoral dissertation.

**PLEASE NOTE:** Foreign scientific degrees are recognised in Poland on the basis of the Regulation of the Minister of National Education and Sport on the nostrification of of academic degrees and degrees in the scope of art obtained abroad (June 3, 2005) - in force since 29th June 2005. The procedure of recognition is similar to that of

higher education diplomas. Bodies which can nostrify academic degrees are the councils of faculties which are entitled to award the degree of doktor habilitowany. Different rules of recognition apply to the academic degrees issued in the countries which have signed a bilateral agreement on the recognition of educational credentials with Poland.

## DEGREE RECOGNITION

Foreign credentials which give access to higher education abroad are recognised as such in Poland similarly to other school certificates. However they must contain a clause confirming that their holders have access to higher education institutions in their own countries. In case the certificate does not include such a clause, the authorities of the school issuing the certificate may give a separate note confirming this fact.

As in case of other school certificates, the credentials issued in the countries with which Poland has signed an agreement on the recognition of qualifications need not to be presented to Polish local educational authorities to be nostrified.

Different rules apply to recognition of certificates issued in the countries which have signed a bilateral agreement on the recognition of educational credentials with Poland.

# Programmes in English

The University of Wrocław offers degrees at the bachelor, masters and doctoral level. All Faculties at the University of Wrocław provide at least one master program in English, some of the bachelor level in addition to the extensive number of programs offered in the Polish language. Students who wish to study in Polish can enroll in a one-year preparatory course in Polish. At the doctoral level students may study in English in any area they choose. Below are the English programs offered in 2008. All degrees awarded by UWr are recognized all over the world.

Course name	Duration	Admission	Page
Bachelor of Computer Science	3 years / 6 semesters	1st of October	58
Bachelor of English Philology	3 years / 6 semesters	1st of October	32
Master of Classics	2 years / 4 semesters	1st of October	33
Master of Managerial Economics	2 years / 4 semesters	1st of October/1st of March	45
Master of Experimental Physics	2 years / 4 semesters	1st of October	52
Master of Theoretical Physics	2 years / 4 semesters	1st of October	53
Master of Chemistry	2 years / 4 semesters	1st of October/1st of March	69
Master of Biotechnology	2 years / 4 semesters	1st of October/1st of March	67
Master of Computer Science	2 years / 4 semesters	1st of October/1st of March	58
Master of Mathematics	2 years / 4 semesters	1st of October/1st of March	59
Master of International Relations	2 years / 4 semesters	1st of October/1st of March	42
Master of Geography and Environmental Management	2 years / 4 semesters	1st of October	74
Master of Geology and Environmental Geosciences	2 years / 4 semesters	1st of October	75
Master of English Philology	2 years / 4 semesters	1st of October	33
Master of Political Sciences	2 years / 4 semesters	1st of October	43
Master of Tourism	2 years / 4 semesters	1st of October	74



# Entry Requirements

To gain entry to our courses you need to meet our academic entry requirements, English language requirements and legalize your degree.

## ACADEMIC ENTRY REQUIREMENTS

Required Documents	Undergraduate (Bachelor)	Postgraduate (Master)	Postgraduate (PhD)
Application Form	✓	✓	✓
Secondary School Certificate	✓	✓	
Bachelor Degree Certificate		✓	✓
Master Degree Certificate			✓
Secondary School Transcript	✓		
Bachelor Degree Transcript		✓	✓
Master Degree Transcript			✓
Proof of English Proficiency	✓	✓	✓
Medical Certificate	✓	✓	✓
Passport Photocopy	✓	✓	✓
4 Passport Size Photos	✓	✓	✓
Resume/Curriculum Vitae	✓	✓	✓
Research Proposal			✓

The University of Wrocław accepts two tests of English proficiency: IELTS and TOEFL. The required score for each of them is in the table below. IELTS and TOEFL tests must be taken 2 years or less prior to the course. Tests are often heavily booked so you should plan early.

## ENGLISH PROFICIENCY REQUIREMENTS

Entry Requirements	IELTS Score	TOEFL Score
Bachelor/ Master	6	550
PhD	6,5	575

**Please note:** Students who graduated from an English language speaking high school or higher education institution are not required to submit any additional documents to verify their English language proficiency.

## TUITION FEES FOR NON-EU STUDENTS

Programmes in English		Programmes in Polish		Study Abroad	Preparatory Courses	
Type	Fee per year	Type	Fee per year	Fee per semester	Type	Fee per course
Bachelor	€3500	Bachelor	€3500	€1500	Polish (1-year course)	€2700
Master	€4500	Master	€4500		English (12-week course)	€1500
PhD	€4500	PhD	€4500		Physics (Preparatory course)	€2000

**NOTE:** Non-EU candidates are required to pay a one-time non-refundable enrolment fee of €200

# Preparatory Courses

The University of Wrocław offers English language courses for students whose English proficiency level is below the academic course entry requirement (IELTS score 6.0 or TOEFL score 550). The following English courses differ in content and intensity depending on the level of a student's proficiency in English.

## GENERAL ENGLISH (EGP)

The course improves English skills in conversation, listening, writing, reading and grammar. It is also excellent preparation for Academic English (EAP) program. Students will qualify for this program according to their IELTS or TOEFL results. In some cases students may take an internal placement test instead of the IELTS.

<b>Entry requirements</b>	IELTS score below 5.0. TOEFL score below 525 (paper based)
<b>Duration:</b>	4 weeks, provided several times in the year
<b>Groups:</b>	5-10 students
<b>Assessment:</b>	Internal test

## ENGLISH FOR ACADEMIC PURPOSES (EAP)

The course is designed to prepare students to study in English at a Polish university. This course concentrates on English communication but also prepares students to succeed in their studies at the University of Wrocław or at any other university in Poland. Students will qualify for this program according to their IELTS or TOEFL results. In some cases students can be admitted to this program on the basis of a placement test.

<b>Entry requirements</b>	IELTS score 5.0. TOEFL score 525 (paper based)
<b>Duration</b>	12 weeks from June to August
<b>Groups</b>	5-10 students
<b>Assessment</b>	Internal test

## PREPARATORY COURSE FOR MASTER STUDIES IN THEORETICAL AND EXPERIMENTAL PHYSICS

The purpose of this one-semester course is to prepare students to undertake Master Programs in Theoretical and Experimental Physics. In particular, it is designed for candidates who do not meet all entry criteria, but nevertheless have basic knowledge of calculus as well as general physics. Upon completion of this preparatory course, students should be eligible to enroll for the Master Studies in Theoretical or Experimental Physics.

## ONE YEAR POLISH LANGUAGE PREPARATORY COURSE FOR INTERNATIONAL STUDENTS

The course is designed for international students who intend to enroll in an academic program at the University taught in Polish or for those who intend to study at the University in English and wish to communicate with Poles in their native language. The course comprises 860 hours including language instruction, some basic information about Poland and specialized classes related to the students chosen field of study. Students may choose to enroll for one semester only.

# Support Services

The University of Wrocław provides valuable help and support for all international students. Services include arrival reception, orientation programs and academic and welfare guidance during your studies.

## RECEPTION SERVICE

Reception is organized for international students. Depending on their needs, students will be met at the airport, train or bus station and transported to designated accommodation.

## ORIENTATION

Orientation programs are offered for all new international students at the University of Wrocław. Information provided in these programs includes university rules, student services, social and recreational activities, government regulations, specific information for international students, and university and community contacts. Enrolment and ID Card forms are completed and processed during the orientation program. All incoming students are welcome to take part in orientation days organized by the International Office. Orientation days include:

- Official Welcoming Ceremony
- Traditional Polish Breakfast
- Two-week Course of Polish Language
- Integration Evenings
- Information Session
- Meeting with Faculty Coordinators
- Welcoming Party
- Trips Around Wrocław
- Sightseeing Tour
- The City Game

## VISA

**EU students** An EU student can enter Poland with ID document (a valid travel document e.g. passport) or another document certifying identity and citizenship. If a student intends to visit Poland's neighboring countries (not all of them are EU Member States), a passport is recommended. For stay up to 3 months no legalization of stay is necessary. For stay exceeding 3 months an EU student has to register the residence. In case of students the registration is issued for one year (possibility to prolong). The document is issued by the Department of Citizens Affairs of the Voivodeship Office (province administration, Urząd Wojewódzki).

**Non-EU students** Students of a non—EU/EEA country can enter Poland on the basis of a valid travel document (passport) and a visa (if required). A student of a non—EU country has to obtain a visa from the Polish Consulate. A short—term visa entitles the holder to stay in Poland for up to 3 months, a long—term visa up to 1 year.

Prolongation of a visa in Poland is possible only in cases of force majeure or situation impossible to foresee while applying for the visa in the consulate. The visa can be prolonged only once.

## The Schengen Visa

Poland is now member of the Schengen Area (membership since 21st of December 2007) — so you can apply for the Schengen Visa in the Polish Consulate in your country. If you have a Schengen Visa you can freely travel around in the Schengen Area (most countries of the European Union).

## Residence permit

For a stay up to 3 months no legalization of stay is necessary. If you are planning to stay longer you have to apply to the Department of Citizens Affairs of the Voivodeship Office (province administration, Urząd Wojewódzki) for a residence permit. For students the residence permit is issued for one year (possibility to prolong).

## TEMPORARY RESIDENCE CARD

Notwithstanding the visa, after your coming to Poland you have to legalize your stay by applying for the temporary resident permit (TRP). All international students staying in Poland longer than three months need to obtain TRP. The permit is issued for the period of your stay in Poland, but not longer than two years (usually for one year). It can be prolonged.

Evidence of the permit is the Temporary Residence Card (TRC) - an identity card for foreigners in Poland and it (with a passport included) allows passing the border as often as you like without having a visa.

## STUDENT CARD

All students receive a student identity card entitling them to a 50% discount on public transport in the city and a 37% discount on national railways (only when they are under age 26).

The card also entitles the student to the use of the university library, sports and other facilities, but also to discounts on tickets to Wrocław's cinemas, theatres and museums.

## HEALTH CARE

**EU students** Health services in Poland are available for students from the EU or EFTA member countries, provided that they have valid medical insurance in the national insurance system of any EU or EEC member country. A valid passport, student Identity Card or doctoral student Identity Card and a valid Medical Insurance European Card entitles its holder to medical care services free of charge.

**Non EU students** If possible it is recommended that students purchase their own international medical insurance prior to arrival in Poland. Otherwise students from non-EU or non-EFTA countries are required to sign a voluntary health insurance agreement with the National Health Fund and pay their own insurance fees.

## LEGALIZE YOUR DEGREE

On October 5, 1961 the several nations joined to create the simplified method of legalizing documents through the Hague Convention Abolishing the Requirement of Legalization for Foreign Public Documents.

If your country accept the Apostille (also called Apostille Certificate or Certificate) as a form of international document legalization your degree must be certified by Designated Competent Authorities. On the bases of this certification you will get an APOSTILLE STICKERS affixed by the Polish Consulate in your country.

An Embassy Legalization is required, when your country is a non-member of the Hague Convention.

Different rules apply to recognition of certificates issued in the countries which have signed a bilateral agreement on the recognition of educational credentials with Poland.

## 2WROCLAW

**2wrocław** is a students' volunteers group, which is registered by the International Office. The whole idea of the group is to guide you in the very beginning of your stay in Wrocław by helping to register in the dorm, find a flat or obtain a residence permit. **2wrocław** also organizes different kinds of events such as theme parties, trips or movie evenings.

Before your arrival to Wrocław you will get an email from a member of **2wrocław**, offering to pick you up from the airport, railway or bus station. You will also get an invitation to join the mailing list [wroclaw2@yahooogroups.com](mailto:wroclaw2@yahooogroups.com).



*dictation* /dik'teɪʃn/ noun  
that sb else must write or  
tion in English today. ► *dy*

**dictator** /dik'tetə(r); US 'dɪktətər/ noun  
ruler who has total power  
cially one who used force  
who rules the country unfair

□ **dictatorship** noun [C,U] go  
tator; a country that is rule  
*military dictatorship* ► *dykta*

\***dictionary** /'dɪkʃənri; US -ner-  
tionaries) 1 a book that lists th  
guage in alphabetical order an  
that they mean, in the same  
age: to look up a word in a dict  
/monolingual dictionary  
sh dictionary ► *słownik*  
e words connected with a p  
tells you what they mean  
o a medical dictionary  
1,2

# Philology

---

The Faculty of Philology was created in 1952 after the transformation of the Faculty of Humanities. It is one of the ten faculties at the University of Wrocław.

The Faculty of Philology offers a wide range of courses for all study levels and has the right to award Doctoral Degrees in the fields of Literature, Linguistics and Bibliology. In order to satisfy the needs of students with differing interests and ambitions, the Faculty enables them to freely adjust the study program. Students may participate in EU education programs, such as LLP-ERASMUS and LEONARDO DA VINCI, and in other international research projects.

## **CAREER OUTCOMES**

Our graduates find employment as interpreters, in publishing houses, on editorial teams in magazines, in the media, in cultural and research institutions and in other sectors that implement advanced knowledge and skills in languages and culture. They also work as language teachers in all types of schools.

The Faculty of Philology has the following departments:

**POLISH PHILOLOGY**  
**ENGLISH PHILOLOGY**  
**ROMANIC PHILOLOGY**  
**SLAVIC PHILOLOGY**  
**CLASSICAL PHILOLOGY AND ANCIENT CULTURE**  
**GERMAN PHILOLOGY**  
**DUTCH PHILOLOGY**  
**JOURNALISM AND SOCIAL COMMUNICATION**  
**INFORMATION AND LIBRARY SCIENCE**

## **Faculty Office**

TEL: (+48 71) 3752 225, 3752 531

FAX: (+48 71) 3433 029

WEB: [www.wfil.uni.wroc.pl](http://www.wfil.uni.wroc.pl)

## **Numbers**

FACULTY MEMBERS: 347

STUDENTS : 8147

PHD STUDENTS: 277

# Polish Philology

## ABOUT

The Institute of Polish Philology comprises 10 sections and employs over 100 academic staff who teach 2000 students. It is a leading national research center focused on Polish language. It publishes several scientific journals (e.g. "Literary Works", "Popular Literature", "Cinematography Studies"). The institute organizes national and international conferences. Students and academics have access to an ample library collection. The courses are taught in renovated lecture halls and classrooms in one of the most beautiful university buildings. BA and MA students can choose from a variety of specialties to further their interests and knowledge.

## RESEARCH

Research interests include old Polish literature, history of Polish, history of 19th century Polish literature, history of Polish literature after 1918 and contemporary Polish literature, applied linguistics, methodology of teaching Polish and Polish literature, theory of visual culture and art, theory of literature, contemporary Polish language. The Institute also studies literary comparativity, anthropological linguistics, linguistics in computer science. Additional research interests include Lithuanian language and culture and Jewish culture and languages.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of Polish Philology
- Master of Polish Philology



# English Philology

## ABOUT

The origins of English philology at the University of Wrocław date back to the middle of the 19th century. In 1874 the university opened a department of English and German philology. An independent department of English philology was created in 1910 but was closed in 1945. It reopened in 1946 but then closed again in 1952 due to the political situation. The second reopening took place in 1965 and five years later the department enrolled its first students. Since 1975 it has been operating as the Institute of English Philology.

## COOPERATION

The Institute of English Philology (IFA) cooperates with other Polish and international universities. Many guests from other universities come to give lectures. The Institute runs student and staff exchange programs within the LLP-ERASMUS program. It has bilateral

agreements with the University of Glamorgan, the University of Magdeburg, the University of Modena, the University of Turin, the University of Åarhus, the University of Barcelona, the University of Örebro, the University of Rēzekne, the University of Bacau, the University of Izmirze, Hacettepe Üniversitesi in Ankara, the University of Tromsø and the University of Brno. Since 1995 the students of IFA have been enrolling in+ one or two semester study programs at American universities (the University of North Carolina at Greensboro and the University of North Carolina at Charlotte).

The students and academics of IFA regularly visit the University of Vilnius in Lithuania and the University of Szeged in Hungary. The Institute has also joined the UNESCO Chair for Intercultural Translation and Communication Studies within the Institute of English Philology of the Jagiellonian University.

## RESEARCH

Research interests include English literature for children and teenagers, gender studies, English literature in the 19th and 20th centuries, contemporary English drama. Other interests include cultural linguistics of English-speaking countries and contemporary American and Canadian poetry.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of English Philology
- Master of English Philology



# Romanic Philology

## ABOUT

The Institute was created in the years 1945–1951 as the Department of French Philology and was later renamed Romance Philology. It was reopened in 1957. Since 1974 it has been operating as an independent Institute within the Faculty of Philology.

The Institute comprises the Romanic Languages Study and three sections: French Literature and Culture, French Linguistics, Hispanic Studies. The Institute offers BA and MA programs in French Philology and Spanish Philology. The three-year BA program (six semesters) ends in a Bachelor examination. The MA program lasts two years (four semesters). MA candidates may choose to study full-time or part-time.

The programs offered at the Institute develop speaking and writing skills in Romanic languages and are designed for C1 level (BA program) and C2 level (MA program). The program combines theory (descriptive grammar, elements of general and historical linguistics), literature and culture of French-speaking countries, and practical skills needed in various professions. Students of French philology may specialize in teaching or translations. Students of Spanish philology may specialize in teaching.

Graduates with excellent results may continue their education and enroll in doctoral programs.

## RESEARCH

Research focuses on typological and genetic links and relations between languages and cultures. Research interests are related to the language, literature and culture of French, Hispanic and Latin American and Italian speaking countries and include romance linguistics and contrastive analysis of Polish and Romanic languages, Romanic literature studies and theory of literature, literary and cultural comparativity, methodology of teaching Romanic languages.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of Romanic Philology
- Master of Romanic Philology



# Slavic Philology

## ABOUT

The beginnings of Slavic Philology in Wrocław date back to the 1840s. Some of the lecturers who taught here were František Ladislav Čelakovský, Wincenty Kraiński, Wojciech Cybulski, Władysław Nehring, Rudolf Abicht and Paul Diels. In 1945 two excellent linguists, Stanisław Respond (Polish linguist) and Władysław Kuraszkiwicz (Slavic linguist) opened the Institute of Polish and Slavic Philology at the University of Wrocław. After several transformations the Institute opened a Department of Russian Philology, which was transformed in 1969 into the Institute of Russian Philology.

There are four specialties focusing on different aspects of Russian, Czech, Serbian and Croatian and Ukrainian cultures. The Institute organizes national scientific conferences and international congresses.

## COOPERATION

The exchange programs at the Institute provide many possibilities for students and academics to visit the largest European research centers. Every year about 40 students participate in the LLP-ERASMUS program and travel to universities across Europe (e.g. to Prague, Vilnius, Cologne, Tampere, Oslo, Turin).

Students may also further their language skills by participating in summer schools in Kaliningrad, Moscow, and Tomsk. Each year students from the Institute are offered the chance to enroll for one semester programs in Saint Petersburg and Moscow, where Polish students of Russian Philology are the largest group of Slavic linguists from Poland. Since 2001 the Institute has been organizing the Slavic Song Contest, which attracts students not only from the Institute and the Faculty of Philology in Wrocław, but also from other cities. Winners are awarded great prizes.

There are five science circles at the Institute. Students organize science meetings and run an amateur theatre. The popularity of other cultures encourages students to meet regularly and talk about Slavic countries and organize other cyclic events, also outside the Institute.

## RESEARCH

Research interests include literary relationships between Polish and Russian, Russian modernism in its relation with the arts, Polish-Russian and Polish-Russian literary relations, old Russian chronicles and folklore of the east Slavic countries and Macedonia, history of eastern and southern Slavic literature

and culture (Russia, Belarus and Bulgaria) and Serbian and Ukrainian literature. Other interests include comparative studies, inter-literary relationships and culture axiology, Russian romanticism, literature and culture in Russia on the verge of the 19th and 20th century and in the 20th century, modern Russian literature and contemporary Russian literature.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of Slavic Philology (Russian profile)
- Bachelor of Slavic Philology (Czech profile)
- Bachelor of Slavic Philology (Serbian/Croatian profile)
- Bachelor of Slavic Philology (Ukrainian profile)
- Master of Slavic Philology (Russian profile)
- Master of Slavic Philology (Czech profile)
- Master of Slavic Philology (Serbian/Croatian profile)
- Master of Slavic Philology (Ukrainian profile)

# Classical Philology and Ancient Culture

## ABOUT

The programs offered at the Institute of Classical Philology and Ancient Culture focus on the history, culture and languages of Mediterranean countries. Students may choose to study classical philology or classical philology and Mediterranean culture. The latter focuses on contemporary languages of Mediterranean countries (Italian, Modern Greek, Spanish and Arabic) and their history, art, archaeology, philosophy and literature. Classical philology focuses on the literature and languages of ancient Greece and Rome.

## COOPERATION

Students at the Institute may choose to study abroad at partner universities within the LLP-Erasmus program in Crete, Genoa, Florence, Seville, Tübingen, Berlin, Leipzig, Leuven, Liege, Olomouc and Brno. Students may also visit Barcelona, Madrid, Lille, Strasbourg and other major European academic centers which cooperate with the University of Wrocław. To be eligible for scholarships students must be proficient in the language of instruction at the chosen institution, have excellent grades and be highly motivated to develop their intellectual skills.

The Institute houses a branch of the Polish Philological Association and the School of Ancient and Oriental Languages. The School offers courses on European culture and civilization and the languages and culture of the far East. It also runs language courses in Arabic, Chinese, Old Greek, Modern Greek, Hebrew, Hindi, Japanese, Latin and Sanskrit. The language courses also include short lectures on the culture, history, literature and religion of those countries.

## RESEARCH

Two main research areas are Greek and Latin Philology and Indian Philology. Most topics are interdisciplinary and include history and Polish philology, and comparative studies on literature and languages. Research interests include archaic epic poetry and lyrical poetry, old Greek drama and theatre, Hellenic poetry, rhetorics, historiography, geography and scientific writing, modern Greek language and literature. The Institute also studies ancient drama, especially Roman drama from the republic era, archaic Roman religion, myth as multifunctional medium of artistic expression, Roman prose of the Empire era, including Roman historiography, mainly in the context of narrative techniques, and Roman scientific prose, especially fragments referring to zoology. Of equal importance are studies on the origins of civilization of ancient India, old Indian law and customs, national

poetry, asceticism in ancient India, Greek testimonies referring to India. Recently, the Indologists in Wrocław have started studies on kavya literature, the works of Kālidāsa, the most outstanding poet in ancient India, Panchatantra references in Polish literary and folk fairy tales. A separate area of interest for Indian linguists are translations.

## DEGREES

The institute runs full-time programs and awards the following degrees:

- Bachelor of Classical Philology
- Bachelor of Mediterranean Culture
- Master of Classical Philology
- Master of Classical Philology specializing in Mediterranean Culture



# German Philology

## ABOUT

With a history of almost 200 years the Institute of German Philology at the University of Wrocław is one of the oldest and best in the country. It was also here that the first title of professor of German philology was awarded to Friedrich Heirich von der Hagen in 1811. The professors at the Institute were the best scholars in this area of study. Professor Marian Szyrocki, who was the best post-war German philologist, was widely known for his studies on the culture and literature of the Baroque.

Today, German philology in Wrocław is considered one of the largest Institutes of this type in the world, apart from German-speaking areas. Each year scholars publish over 100 papers and several journals (e.g. „Germanica Wratislaviensia”, „Orbis Linguarum”), organize international congresses

and give lectures in international institutions.

The researchers in Wrocław also participate in many international projects. Continuous cooperation and contacts with international institutes are part of the basic strategy of Eugeniusz Tomiczek – the director of the Institute and a renown linguist and scholar. Our academics cooperate with all leading national and international German philology institutes. Students have access to an ample library collection. Courses are taught in beautifully renovated lecture halls and computer laboratories.

## RESEARCH

Research interests include Silesian culture and baroque, enlightenment, romanticism, naturalism, literature of the Weimar Republic, the Third Reich, and contemporary literature.

Other interests include the Polish–German relationships in literature and culture, cultural studies and gender studies. Researchers also study glottodidactics, synchronic and diachronic linguistics of German and Danish, contrastive linguistics, sociolinguistics, language pragmatics, rhetorics, translation, and Polish–German language contacts (especially in Silesia).

## DEGREES

The institute runs full-time, part-time and post-graduate programs and awards the following degrees:

- Bachelor of German Philology
- Master of German Philology



# Dutch Philology

## ABOUT

The Erasmus Department of Dutch Philology at the University of Wrocław is the only independent academic unit in Poland (and one of the most important in Europe) which offers unique study programs on the language, literature and culture of the Benelux (Belgium – especially Flanders – Holland and countries culturally related to the Benelux, i.e. former colonies: RSA, Indonesia or Congo)

The Institute has been developing since the 1960s. Initially it was a course in Dutch, later – in 1975 – a Dutch specialty coordinated by professor Norbert Morciniec within the German Philology programs. Since 1990 it has functioned as an independent department, established by professor Stanisław Prędoła, and has offered a program in Dutch philology.

In comparison with other Dutch philology centers our department is the most important with respect to the potential for research, teaching, staff, international cooperation and cultural initiatives, only giving way to native centers in the Netherlands.

The department houses the Center of Dutch Culture which fosters cooperation between various academic and non-academic communities in the city and region. The center organizes numerous cultural events, lectures, meetings with authors, artists, people of culture as well as student evenings and courses in Dutch.

## RESEARCH

Research interests include synchronic and diachronic linguistics, lexicology, phraseology and paremiology of Dutch and Polish. Other interests include literature and culture of the

Middle Ages, Renaissance, Baroque, and the Enlightenment, and Silesian-Dutch relations (also Polish-Dutch) in those periods. We also study the literature and culture of Holland and Flanders after 1830 and South African culture and Afrikaans literature. A parallel line of research focuses on glottodidactics and confrontative aspects of Dutch, German and English, as well as the implementation of computers, computer networks and the Internet in teaching Dutch (Computer-Aided Language Learning – CALL) and general studies on the Dutch-speaking countries.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of Dutch Philology
- Master of Dutch Philology





# Journalism and Social Communication

## ABOUT

Our Institute is one of the most dynamically developing university units. It educates journalists, press spokespeople and public relations specialists at the Bachelor and Masters levels of Journalism and Social Communication major (specialties: Journalism and Public Relations). It is the only institute in Poland to offer part-time master programs in journalism for graduates of all bachelor and

master programs. The educational offer also includes post-graduate programs.

Since October 2006 courses have been taught in a modern building located near the city center and adjacent to the river banks. The Institute boasts an experienced faculty, a modern radio studio, a modern television studio, a multimedia workshop (Interfaculty Laboratory of New Media), a specialist library and broad international links.

## COOPERATION

Students and academics may participate in international studies within the LLP-Erasmus program. Students can choose to visit various academic centers in Brno (Czech Republic), Lüneburg (Germany), Moguntia (Germany), Vigo (Spain), Turin (Italy), Istanbul (Turkey), Clermont-Ferrand II (France), Murcia (Spain), Århus (Denmark) and Sofia (Bulgaria).

A thorough analysis of the media market in Poland enables the Institute to design programs which not only offer theoretical knowledge, but guarantee comprehensive professional training. This allows students not only to learn about the media but also develop their individual interests and ambitions and gain experience that will guarantee the best careers.

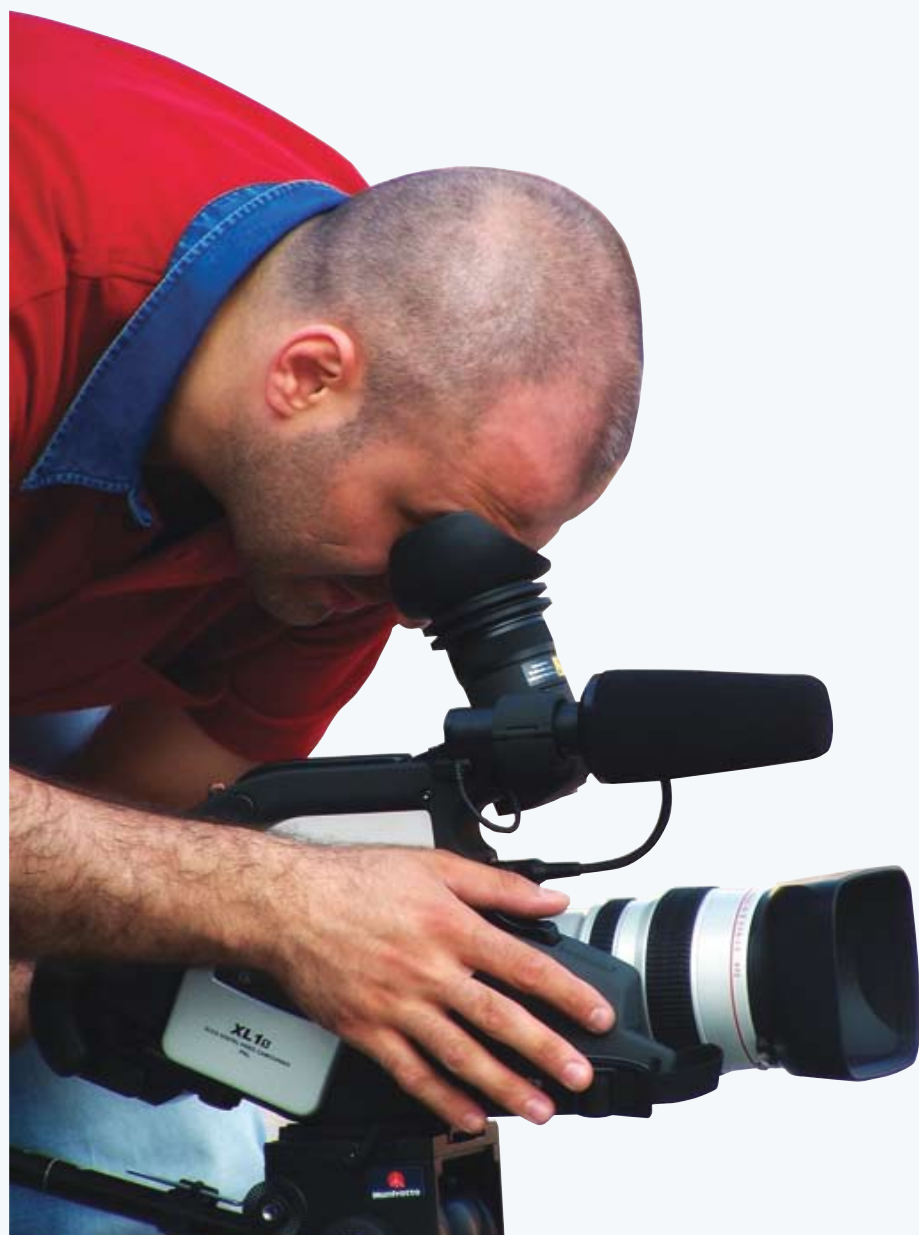
## RESEARCH

Main research interests include theory of communication, social interaction of the media, axiology of the media, relations between the media and culture and literature, public relations and advertising, film studies, local media, intercultural communication.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of Journalism and Social Communication specializing in Journalism
- Bachelor of Journalism and Social Communication specializing in Public Relations
- Master of Journalism and Social Communication specializing in Journalism
- Master of Journalism and Social Communication specializing in Public Relations



# Information and Library Science

## ABOUT

The Institute of Information and Library Science was established in 1956 as a Librarianship Department and is one of the oldest academic centers for librarians in Poland. It has always existed as part of the Faculty of Philology with the result that the Institute combines scientific and research work and education programs with general knowledge on writing and literature.

Until 1998 study programs were standardized for all academic centers by the Ministry. Our Institute, however, was always unique: the focus was on the historical and cultural aspects of books and libraries, the problems of Poland were discussed in an international context, we avoided limiting study programs to purely theoretical issues and took advantage of library collections. Many master theses dealt with old and contemporary book culture in Silesia.

Even after the diversification of study programs in librarianship in 1975 by the introduction of “mathematical” profile focusing on information science and new information technologies, our profile remained humanistic.

Since 1998 the full-time study programs have been based on the ECTS system. They comprise obligatory and optional subjects, and in the third year students compose their study program from several specialty subjects. The programs are individualized and reflect the scientific and educational competences of our academics and are adjusted to fit the requirements of the employment market.

## RESEARCH

Main areas of research focus on the study of books, librarianship, and information. Research interests include: old history of books, libraries, reading in Silesia and Galicia, book theory,

bibliology, history of printing, history of music printing, history of bookshops, history of libraries, librarianship and bibliophily, school librarianship and literature, book art. Other interests include bibliology and literature science, bibliography and bibliometry and their implementations in the study of science, new media and information technology.

## DEGREES

The institute runs full-time and part-time and post-graduate programs and awards the following degrees:

- Bachelor of Information and Library Science
- Master of Information and Library Science



# Programmes in English

## BACHELOR OF ENGLISH PHILOLOGY

This programme offered by the Institute of English is designed for students interested in various aspects of the English language and English language culture.

The objective of this programme is to acquaint students with literary theory, history of literature and various aspects of English linguistics and to prepare them for independent research field through degree tutorials and optional subjects, where the material is studied in detail.

Courses include English language literature and culture, and linguistics. There are also practical English courses designed to improve students' skills toward proficiency level.

### ENTRY DATE/DURATION

October 1st/3 Years

### COORDINATOR

Justyna Kociatkiewicz, PhD

[jkociatk@uni.wroc.pl](mailto:jkociatk@uni.wroc.pl)

## CONTENTS

### Semester 1 (28 ECTS)

British History  
Introduction to Literary Theory  
English Literature  
Introduction to Linguistics  
Descriptive Grammar of English  
Phonetics  
Practical Grammar  
Conversation  
Academic Writing  
Second Foreign Language

### Semester 2 (30 ECTS)

American History  
Introduction to Literary Theory  
English Literature  
Introduction to Linguistics  
Descriptive Grammar of English  
Phonetics  
Practical Grammar  
Conversation  
Academic Writing  
Second Foreign Language

### Semester 3 (24+4 ECTS)

English Literature  
American Literature  
Descriptive Grammar of English  
History of Philosophy  
Phonetics

Practical Grammar  
Conversation  
Academic Writing  
Second Foreign Language  
ELT - Methodology  
Method and Practice of Translation  
Philological Thematic Block

### Semester 4 (26+4 ECTS)

English Literature  
American Literature  
Descriptive Grammar of English  
History of Philosophy  
Phonetics  
Practical Grammar  
Conversation  
Academic Writing

### Semester 5 (18+12 ECTS)

American Culture  
History of English  
Integrated Skills  
Conversation  
Academic Writing

### Semester 6 (18+12 ECTS)

British Culture  
History of English  
Integrated Skills  
Conversation  
Academic Writing

## MASTER OF ENGLISH PHILOLOGY

The program is designed for all students with a BA in English or Arts. The fields of research the students may pursue are: literary studies, linguistics, and applied linguistics. Literary studies embrace British and American literature, literature in English, cultural studies and literary theory. Courses in linguistics offer a variety of approaches to language, ranging from generative to cognitive linguistics, with pragmatics and anthropological linguistics. Applied linguistics focuses on theories and methods of teaching English as a foreign language. Main MA courses are supplemented by selective courses designed to further students' interests in the chosen fields and by an advanced composition course (academic writing).

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Justyna Kociatkiewicz, PhD  
[jkociatk@uni.wroc.pl](mailto:jkociatk@uni.wroc.pl)

### CONTENTS

#### Semester 1 and 2 (30 ECTS each)

Academic Writing

#### Semester 3 and 4 (30 ECTS each)

M.A. Seminar  
M.A. Tutorial

More details at: [www.international.uni.wroc.pl](http://www.international.uni.wroc.pl)

## MASTER OF CLASSICS

The program of classics provides a broad humanistic education with a strong background in philology, history and archaeology. It enables the graduates to meet the demands of further studies in a host of disciplines through the acquisition of a solid knowledge base in linguistic, ancient history, ancient philosophy and classical archaeology. The curriculum also fosters the students' skills in translation and gives them opportunities to do research, teach in schools and universities, or work in archives, libraries and museums.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Agnieszka Toma, PhD  
[agnieszka.toma@gmail.com](mailto:agnieszka.toma@gmail.com)

### CONTENTS

We offer candidates maximum flexibility in constructing their own programme of study. The courses they choose must form a coherent program of study. Faculty members can give additional guidance in preparing individual programs. Students compose their curriculum from the following components:

Ancient Studies Seminar (**List A**)  
Reading Ancient Text (Greek or Latin; **List B**)  
Methodological Course (**List C**)  
Classical Civilisation or Literature (**List C**)

### List A

Latin Seminar  
Greek Seminar

### List B

Reading Greek Text  
Reading Latin Text

### List C

Visiting Professor's Lectures  
History of Ancient Egypt  
History of Near East in Antiquity  
Alexander the Great  
History of Rome  
Economy of Ancient Rome  
Society in Ancient Greece and Rome  
Greek Tragedy  
Greek Comedy  
Hellenistic Poetry  
Survey of Latin Literature  
Roman Historiography  
Introduction to Ancient Philosophy  
Plato and his Predecessors  
Oral Tradition in New Testament  
The Art and Archaeology of the Ancient Near East and Egypt  
Greek Art  
Roman Art  
The Archaeology of Roman Limes  
Myths in Greek Art  
Greek and Roman Architecture  
The Classical Roots of Western Literature  
Ancient Tradition in Polish Latin Literature  
Research Techniques in Classical Literature  
Epigraphy  
Palaeography  
Modern Greek



# Historical and Pedagogical Sciences

The Faculty of History and Pedagogy offers a broad range of full-time and part-time study programs. Programs have either two stages (3-year BA program and 2-year MA program) or one stage (5-year MA program).

## CAREER OUTCOMES

Our graduates find employment in national and private archives, public administration offices, libraries with special collections, institutions protecting the cultural heritage, travel agencies, schools, national and international higher education institutions, museums, art galleries, the media, auction houses, conservation studios, private archeological firms, advertising agencies, publishing houses, research centers.

The Faculty of History and Pedagogy has the following departments:

**ARCHAEOLOGY**

**HISTORY**

**HISTORY OF ART**

**CULTURAL STUDIES**

**PSYCHOLOGY**

**PEDAGOGY**

**ETHNOLOGY AND CULTURAL ANTHROPOLOGY**

## Faculty Office

TEL: (+48 71) 3752 223, 3752 274, 3752 974, 3432 855

FAX: (+48 71) 3432 855

EMAIL: [dziekanat@wnhip.uni.wroc.pl](mailto:dziekanat@wnhip.uni.wroc.pl)

## Numbers

FACULTY MEMBERS: 308

STUDENTS : 6253

PHD STUDENTS: 257

# Archaeology

## ABOUT

The Institute of Archaeology currently employs 25 staff members. It comprises the sections Stone Age, Bronze and Metal and Medieval Archaeology, Study of Historical Conservation and Archeometry and a Library.

The Institute is located in two buildings, one with administration offices and most of the lecture halls, and the second one with conservation studies, storerooms, guest rooms and the Archeological Museum.

All lecture halls are equipped with modern projectors. The Study of Conservation and Archeometry has modern state-of-the-art equipment used in analytics and conservation.

Students may choose from 8 master seminars, each related to a different period (Paleolithic and Mesolithic, bronze era and Hallstatt period, La Tène period and Roman influence, the Middle Ages and modernity). It is also possible to study coin collecting and archaeology of the New World.

The Institute prepares archeologists for regional careers and trains them in universal archaeology.

Apart from regular classes, students also participate in research trips (also international), field work (excavations), and museum assignments (designing exhibitions).

The Institute cooperates with other departments: anthropology, zoology, geology and geography, history, history of art, ethnology.

## RESEARCH

Research focuses on universal archaeology. Staff members cooperate with other university units and museums and the Polish Academy of Science. The Institute also cooperates with international institutions in Germany, Austria, France, the Czech Republic, Ukraine, Israel, Kazakhstan, Lithuania, Slovakia and Romania.

The Institute runs archeological research prior to construction of motorways and studies historical downtown areas of Silesian cities.

Research staff publish their works in renowned national and international journals. The Institute also publishes its own journal: Silesian Archeological Reports, and the series: Archeological Studies and Wratislavia Antiqua.

## DEGREES

The institute awards the following degrees:

- Bachelor of Archaeology
- Master of Archaeology.

Students may also receive a Doctoral degree within the Faculty Doctoral Study

# History

## ABOUT

The Institute of History is one of the largest and best institutes in Poland in terms of academic staff (nearly 30 professors), the number of BA and MA students and teaching resources.

The Institute cooperates with many institutes and universities in Poland as well as those in Russia, Ukraine, Belarus, Lithuania, Germany, the Czech Republic, France, Belgium, UK and USA. Interdisciplinary research is the main development factor of the Institute, which is open to new research trends, innovative methodological solutions, and the expansion of the resource base.

## RESEARCH

Research interests cover all epochs and disciplines of historical sciences from ancient history to modernity and are supported by national and international grants. The research activities focus on the history of Silesia, Poland and universal history, especially the history of Germany. Other interests include the history of the Czech Republic, Scandinavia, Ukraine, Belarus, Russia, Bulgaria, Hungary, North Africa, the USA. Recently scholars have been studying the history of Polonia in the former Soviet Union and the USA. These studies allow historians to discuss their results at conferences and in writing.

## DEGREES

The institute runs full-time and part-time and post-graduate programs and awards the following degrees:

- Bachelor of History
- Master of History
- Doctor of Humanities specializing in History

# History of Art

## ABOUT

The Institute of History of Art is one of the largest and most dynamic centers of history of art in Poland. It has a long tradition which dates back to 1946 when the department of History of Art was created at the Polish University of Wrocław. In 1994 the department was transformed into an institute, which currently employs 30 staff members (including 23 academic staff), most of whom are internationally known specialists. In 2006 the Institute celebrated its 60th anniversary.

The Institute of History of Art is organized into four sections: History of Ancient and Medieval Art, History of Renaissance and Reformation Art, History of Art and Culture of Baroque and

History of Modern Art, and two workshops: Documentation of Historical Sites Workshop and Photographic Workshop. The library holds a collection of over 46,000 volumes. At present there are ca. 400 students enrolled in full-time, part-time and postgraduate programs.

Since 2003 the Institute has been located in a renovated and modernized building in ul. Szewska. The building houses modern lecture halls and classes, a modern computer lab, the "Szewska 36" art gallery and a canteen in the basement.

The Institute cooperates with science and museum institutions in Poland, the Czech Republic, Germany, Austria and has bilateral

student exchange agreements within the LLP-Erasmus program with universities in Germany (Berlin, Marburg), Spain (Madrid, Leon), Portugal (Porto), the Czech Republic (Prague, Opava, Ústí nad Labem) and Italy (Padua, Udine, Trieste, Cagliari).

Within the Institute there is the Student Association of History of Art, which is the only student association in Europe to publish a student scientific journal ("Works of art and interpretations"). There is also the Wrocław Foundation of History of Art Students, which provides organizational and financial support for student researchers by organizing meetings, lectures, field trips and trips to national and international exhibitions.

The Institute organizes numerous international conferences and participates in international research projects and also co-organizes international exhibitions. The Institute publishes its own journal "Quart".

## RESEARCH

Research interests include Silesian art from the Middle Ages to modernity, the art of the reformation period, Polish art from the Middle Ages to the end of the 20th century, medieval and modern art in the Czech Republic and Moravia, computer methods of documenting art heritage.

## DEGREES

The institute awards the following degrees:

- Bachelor of History of Art
- Master of History of Art
- Doctor of History of Art



# Cultural Studies

## ABOUT

The Institute of Cultural Studies deals with the theoretical problems of culture and civilization, and selected issues of modern culture. The Institute offers two areas of study: cultural studies and musicology.

Students of cultural studies learn about the role of cultural studies in the humanities and science, the main concepts and terminology of cultural studies, a historical overview of culture and civilization focusing on the so-called culture research attempts. Students are acquainted with the most important concepts of modern culture.

Students of musicology learn the theoretical bases of musicology, its main concepts and terminology, the history of music and the musical culture of the world.

## RESEARCH

Research interests include theory and history of culture and contemporary culture, and its domains such as communication, art, religion or customs. Other interests include history of cultural thought, its philosophical and theoretical bases of and contemporary trends in philosophy and theory of culture.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of Cultural studies
- Master of Cultural studies
- Bachelor of Musicology
- Master of Musicology

# Ethnology and Cultural Anthropology

## ABOUT

The department was created in 1946 and is one of the few centres of this type in Poland. It developed its own research profile with special focus on empirical studies, also applied in teaching students. Recently the scope of research has expanded to contemporary trends in cultural anthropology. Currently there are the following thematic groups: Silesia as a cultural region, the functioning of folk cultures in Europe, especially in Slavic countries, anthropology of the contemporary mass culture phenomena, cultures of non-European communities (traditionally, the interest is in Australia and Oceania), the input of Polish researchers in studies on cultures of the world, ethnicity in selected regions of Poland and Europe, especially multicultural areas and ethnic boundaries, contemporary problems of anthropological methodology and methods.

## RESEARCH

The main focus of the department is on field work with students. The studies are conducted in Lower and Upper Silesia, different parts of Poland (e.g. studies on folk medicine), the Balkans, Romania, the Czech Republic and along the Polish and German border. Students from the Ethnologists Science Circle participated in long-term empirical studies in Romania (mainly on Poles from Bukovina).

## DEGREES

The institute awards the following degrees:

- Bachelor of Ethnology
- Master of Ethnology.

# Pedagogy

## ABOUT

The Institute of Pedagogy comprises the following sections: General Pedagogy, Social Pedagogy, Andragogy, History of Education, Health Education, Media Pedagogy with the Study of Comparative Pedagogy, Advising, Rehabilitation and Revalidation.

The Institute employs 67 staff members including 57 academic teachers and 10 administration staff and technicians. The Institute runs full-time and part-time BA and MA programs in pedagogy. It also offers a wide range of post-graduate programs. There are over 2000 students and 150 PhD students and the Institute is fifth in the ranking of pedagogical centers in Poland.

## RESEARCH

Research interests include history of education, pedagogy of culture and intercultural education, therapy and education of people with disabilities, rehabilitation of teenagers and adults, adult pedagogy, professional and family counselling, media pedagogy, health education.

## DEGREES

The institute awards the following degrees:

- Bachelor of Pedagogy
- Master of Pedagogy
- Doctor of Pedagogy

# Psychology

## ABOUT

The Institute of Psychology focuses on the mentality of man and the possibilities to better the quality of life. The academic staff base their activities on the values of truth, openness, modernity and reliability.

The academic staff conduct research, teach and participate in organizational activities.

Students may choose from full-time and part-time MA and PhD programs. All courses meet the current teaching standards. The educational offer of the Institute and its library were highly graded by the National Accreditation Committee.

Students have access to digital resources (also remotely) on the EBSCO platform (including PsycArticles, PsycAbstracts, PsycBooks). They can also use SPSS (statistical analysis software).

Within the Institute there is the Polish Association of Students and Graduates in Psychology, which organizes scientific and entertainment events. There are also nine scientific circles run by students.

Students may participate in LLP-Erasmus programs. The Institute has exchange agreements with universities in France, UK, Denmark, Spain, Germany, Portugal and Lithuania.

## RESEARCH

Research interests include psychology of personality and individual differences, development psychology, clinical and health psychology, social psychology, educational psychology, psychology of management and methodology of psychological research.

Over 40 research programs are conducted each year, most of which are long-term programs. The results of research are presented during national and international conferences. The institute also organizes or co-organizes five cyclical scientific conferences (on management psychology, narrative psychology, Jungian psychology, gender psychology and interdisciplinary conferences). The Institute publishes its research works and the Polish Journal of Applied Psychology.

## DEGREES

The institute awards the following degrees:

- Master of Psychology
- Doctor of Humanities specializing in Psychology.



# Social Sciences

---

The Faculty of Social Sciences is one of the best in Poland, according to the Ministry of Higher Education. It is organized into five departments and runs undergraduate, graduate and doctoral courses which lead to PhD, MA and BA degrees. Students may choose from a wide range of courses which are fully adjustable to meet the various needs of students. The Faculty members are part of many national and international associations, committees, expert teams, and editorial boards. They receive numerous research grants and organize and participate in many conferences and congresses

The Institute of Philosophy is a research and teaching institute, whose main focus of research is on different aspects of philosophical thought, such as the history of ancient, medieval and modern philosophy (particularly classical ancient thought, origins and history of Christian philosophy, German philosophy), contemporary philosophy, social and political philosophy, ontology, epistemology, ethics and aesthetics. The Institute cooperates with universities in Bochum, Jen, Dresden, St. Petersburg, Lyon. Our academic staff cooperate with scholars in Belarus, France, Spain, Holland, Japan, Germany, Russia, Slovakia, the USA, Ukraine, Italy and England.

The Institute of Political Science comprises the sections of Contemporary History and Social Movements, International Political Relations, Political Systems, Theory of Politics, Contemporary Political Thought, Problems of Minorities and Polish Minorities, Social Communication and Journalism, Politics of Administration and Public Service, Social and Economic Politics, and European Studies. The specializations available for students include Public Administration, International Political Relations, Journalism and Social Communication, Political Marketing, European Integration and Regional Policy, Political Leadership. The Institute carries out major research projects focusing on education, political systems, terrorism, etc. and cooperates with many international universities.

The Institute of International Studies offers high quality education for full-time and part-time students. Our staff includes established scholars and teachers as well as young academics. In response to the changes that have occurred in Poland and in the Wrocław region and the increased demand for specialists in the field of international relations the Institute offers full-time and part-time courses in International Relations.

The Faculty of Social Sciences has the following departments:

**PHILOSOPHY**

**SOCIOLOGY**

**INTERNATIONAL STUDIES**

**POLITICAL SCIENCE**

**LOGIC AND METHODOLOGY OF SCIENCE**

**Faculty Office**

TEL: (+48 71) 3755 205

FAX: (+48 71) 3755 267

WEB: [www.wns.uni.wroc.pl](http://www.wns.uni.wroc.pl)

**Numbers**

FACULTY MEMBERS: 204

STUDENTS : 4593

PHD STUDENTS: 191

# Programmes in English

## MASTER OF INTERNATIONAL RELATIONS

Recent political and economic changes in Europe have increased the demand for specialists in the field of international relations. To meet these needs, the Institute of International Studies introduced a program focusing on International Relations. The Program is designed to equip students with a significant knowledge in some of the contemporary international issues such as the international system, issues of globalization and regionalization, development economics, international human rights protection, commercial law and international economics. Within seminars students can focus on issues related to areas such as Diplomacy, European Integration, Global Problems, International Communication or International Economic Relations.

M.A. studies programme offered by Institute of International Studies contains ca. 1150 hours of courses equivalent to 120 ECTS points. Students are obliged to write M.A. thesis under the direction of a faculty member.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Patrycja Matusz-Protasiewicz, PhD

[mairstudies@ism.uni.wroc.pl](mailto:mairstudies@ism.uni.wroc.pl)

## CONTENTS

### Semester 1 (24 ECTS)

Theory of International Relations  
Globalization and Regionalization  
Development Economics  
International Human Rights Protection  
International Environment Protection  
Foreign Language  
M.A. seminar - Methodology of Social Sciences

### Semester 2 (17 ECTS)

International Security  
International Economic Transactions  
International Forecasts and Simulations  
Foreign Language  
M.A. seminar - Methodology of Social Sciences

### Semester 3 (16 ECTS)

EU-Commercial Law  
International Financial Markets  
International Social Politics  
Foreign Language  
M.A. seminar - Methodology of Social Sciences

### Semester 4 (20 ECTS)

M.A. seminar - Methodology of Social Sciences

### Specializations:

Diplomatic  
Eastern  
European Integration  
German  
Global Problems  
International Communication  
International Economic Relations





# Programmes in English

## MASTER OF POLITICAL SCIENCE

Recent political and economic changes in Europe have increased the demand for specialists in the field of international relations. To meet these needs, the Institute of International Studies introduced a program focusing on International Relations. The Program is designed to equip students with a significant knowledge in some of the contemporary international issues such as the international system, issues of globalization and regionalization, development economics, international human rights protection, commercial law and international economics. Within seminars students can focus on issues related to areas such as Diplomacy, European Integration, Global Problems, International Communication or International Economic Relations.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Andrzej Dybczyński, PhD

[adybczynski@uni.wroc.pl](mailto:adybczynski@uni.wroc.pl)

## CONTENTS

### Semester 1 (24 ECTS)

Theory of Politics  
Methodology of political research  
Sociology of politics  
Social movements  
Philosophy of politics  
Democratisation of Central and East European countries

### Semester 2 (24 ECTS)

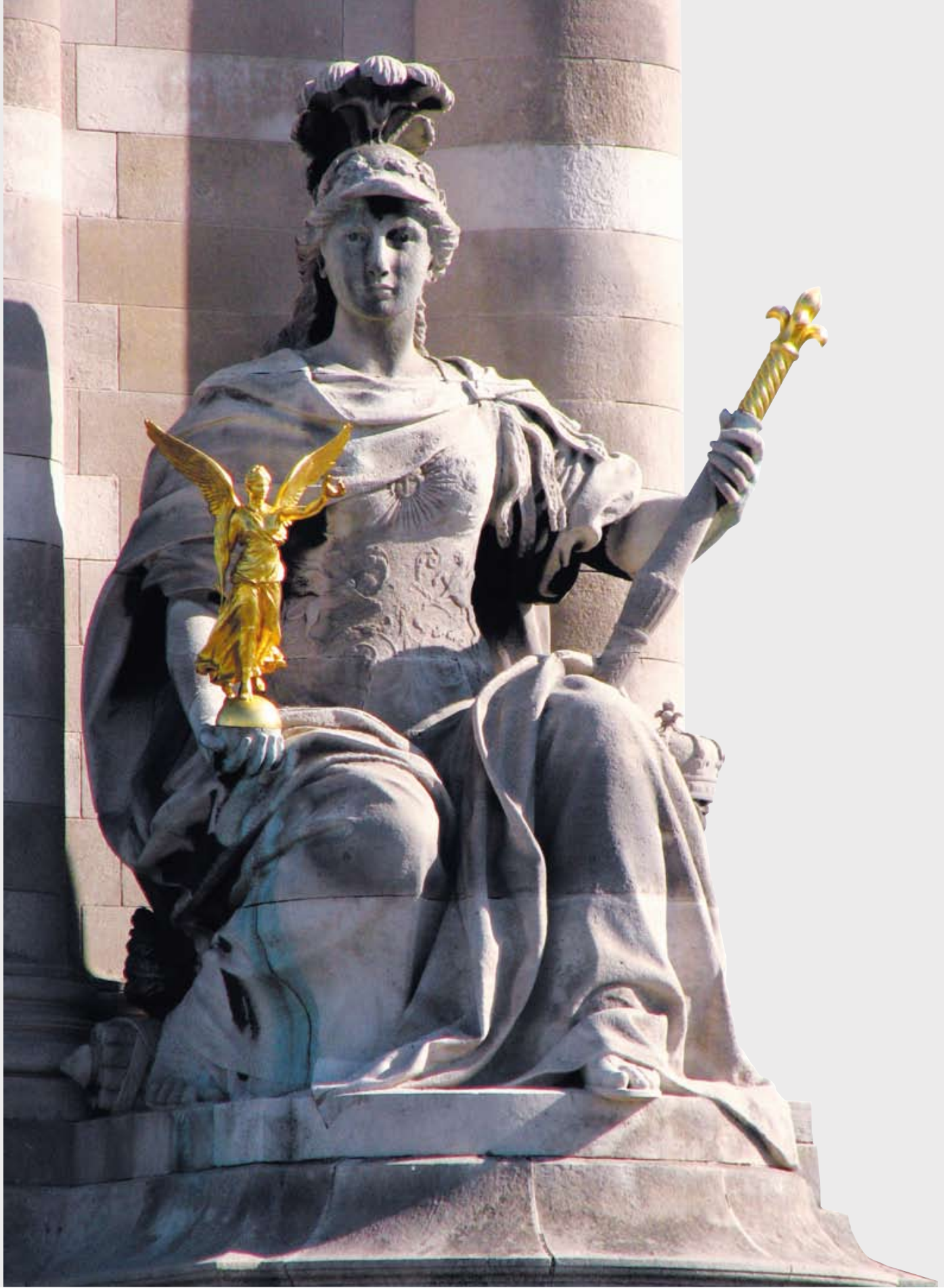
European Law  
Social psychology  
History of political institutions  
The Art of Negotiation  
Public administration in Central and East European countries  
Government and politics in Poland  
Master seminar

### Semester 3 (24 ECTS)

Decision making policy  
Communication in politics  
Ethics in politics  
Foreign policies of Central and East European countries  
Party systems in Central Europe  
Local government in Poland  
Master seminar

### Semester 4 (24 ECTS)

Mass media and politics in the post communist countries  
Ethnic minorities in Central and Eastern Europe  
Civic organisations in Poland  
Economy and financial system in Poland  
Democracy in Central and Eastern Europe  
Master seminar



# Law, Administration and Economics

The Faculty of Law, Administration and Economics is one of the largest in Poland and has a history of almost 200 years. It offers international exchange programs and is proud to host international students from Europe, Russia, Kazakhstan, and African countries. The Faculty has academic partnerships with around 40 institutions in more than 18 countries worldwide, including: Hidalgos Centre of Higher Education in Mexico, Centre for Latin America Constitutional Law in Buenos Aires, School of German Law, Postgraduate Center, Strasbourg CEDIMES Institute in France, Cambridge University English and European Law Course.

The Faculty of Law, Administration and Economics has the following departments:

## **HISTORY OF STATE AND LAW ADMINISTRATIVE SCIENCES ECONOMICS CIVIL LAW**

### **Faculty Office**

TEL: (+48 71) 3437 164, 3752 338

FAX: (+48 71) 3752 784

WEB: [www.prawo.uni.wroc.pl](http://www.prawo.uni.wroc.pl)

### **Numbers**

FACULTY MEMBERS: 199

STUDENTS : 15,800

PHD STUDENTS: 214

## Programmes in English

### **MASTER OF MANAGERIAL ECONOMICS**

This programme is designed for students who expect to pursue a managerial career in business. Students develop economic skills necessary to deal with management challenges of modern economy. Courses cover both traditional and emerging economic fields, including microeconomics, managerial economics, marketing, innovation management, accounting, the capital market, as well as international economics and business management.

#### **ENTRY DATE/DURATION**

October 1st/2 Years

#### **COORDINATOR**

Jarosław Kundera, PhD

[kun@prawo.uni.wroc.pl](mailto:kun@prawo.uni.wroc.pl)

#### **Semester 1 (24 ECTS)**

Modern Microeconomics  
Public Sector Economics  
Statistics  
Industrial Organizations  
Contemporary Management  
International Business Transactions

#### **Semester 2 (17 ECTS)**

Managerial Economics  
Economics of the EU  
Marketing Management  
International finance  
Development Economics and Globalization  
Institutional Economics  
Tax Policy

#### **Semester 3 (16 ECTS)**

Financial Management  
Competition Policy  
Capital Market  
Innovation Management in the Knowledge Economy  
International Marketing  
Accounting and Firm Reporting  
Commercial Law

#### **Semester 4 (20 ECTS)**

Human Resource Management  
Industrial Policy  
Insurance Market  
Business and Economic Forecasting  
Consumer Protection  
Institutions and Laws of the EU  
Ethics in Business



# Physics and Astronomy

---

The Faculty of Physics and Astronomy is a dynamic, modern faculty with a long history. It is in the highest science category and conducts a variety of research activities closely related to its teaching programs. Students may enrol in BA, MA and PhD programs. Astronomy and Physics received positive reviews from the National Accreditation Committee. Over the recent years the faculty has added interdisciplinary studies such as physical medicine, economic physics, IT and modelling of biological systems. The faculty cooperates and runs exchange programs with numerous institutions in Poland and worldwide.

## CAREER OUTCOMES

Our graduates find employment as programmers, web masters, database designers, network administrators, internet application designers, analysts, in research institutes, national and international laboratories, industrial laboratories, in schools and universities, modern medial and biotechnological companies, national and international environmental protection institutions.

The Faculty of Physics and Astronomy has the following departments:

## ASTRONOMY

## THEORETICAL PHYSICS

## EXPERIMENTAL PHYSICS

### Faculty Office

TEL: (+48 71) 3759 464,

FAX: (+48 71) 3217 682

EMAIL: [dziekan@ift.uni.wroc.pl](mailto:dziekan@ift.uni.wroc.pl)

### Numbers

FACULTY MEMBERS 123

STUDENTS : 665

PHD STUDENTS: 49

# Astronomy

## ABOUT

The Institute of Astronomy teaches students of astronomy but also runs doctoral programs and lectures and classes for students of physics and geography.

Our observatory in Białkowo is one of the five national astronomic observatories. It is equipped with a 60 cm reflector and a 53 cm coronagraph. The equipment is used for scientific purposes, especially international observation programs of the sun and the stars.

Our staff are involved in popularizing astronomy by participating in the Lower Silesian Science Festival, giving lectures and organizing and leading lectures during astronomy camps.

Classes are taught by young but experienced staff, presently comprising 19 research workers and 13 Doctors, most of whom have recently

graduated from the Doctoral Astronomy Study. The Institute has access to three lecture halls, a seminar classroom and a computer lab, all located in the buildings in ul. Kopernika.

## RESEARCH

Research activities at the Institute focus on two domains of astronomy: astrophysics of stars and stellar systems and heliophysics. This is reflected in the structure of the Institute, which is currently organized into two sections: Astrophysics and Classical Astronomy and Heliophysics and Space Research. The focus of the former section is mainly on pulsing stars, the latter on studying active solar phenomena. In both cases, the researchers use data obtained from international observatories, the observatory in Białkowo and satellites.

All researchers publish the results of their work in international journals. Each year the Institute offers several research grants funded by KBN, currently MNiSW. Our academic staff participate in the international HELAS project financed by the EU. The Institute is in the 1st KBN category.

## DEGREES

The institute awards the following degrees:

- Bachelor of Astronomy
- Master of Astronomy



# Theoretical Physics

## ABOUT

The Institute of Theoretical Physics was created nearly 50 years ago and is one of the few institutes of this type in the country. It focuses mainly on basic research in theoretical physics, with implementation of interdisciplinary and application research. The wide scope of science topics is reflected in its organization scheme:

- Theory of Fundamental Interactions and Quantum Gravity.
- Theory of Elementary Particles
- Field Theory
- Non-linear Dynamics and Complex Systems
- Mathematical Methods in Physics
- Theory of Condensed Matter and Static Physics

The Institute has its own computing center and has access to powerful computers, has a library with a collection of 23,300 works and has a monthly order of the most important physics journals (it has a collection of 12,000 journals).

Within the Institute there is a Doctoral course and a student science circle. Our academic staff are members in the most important national scientific organizations and winners of prestigious national and international science awards.

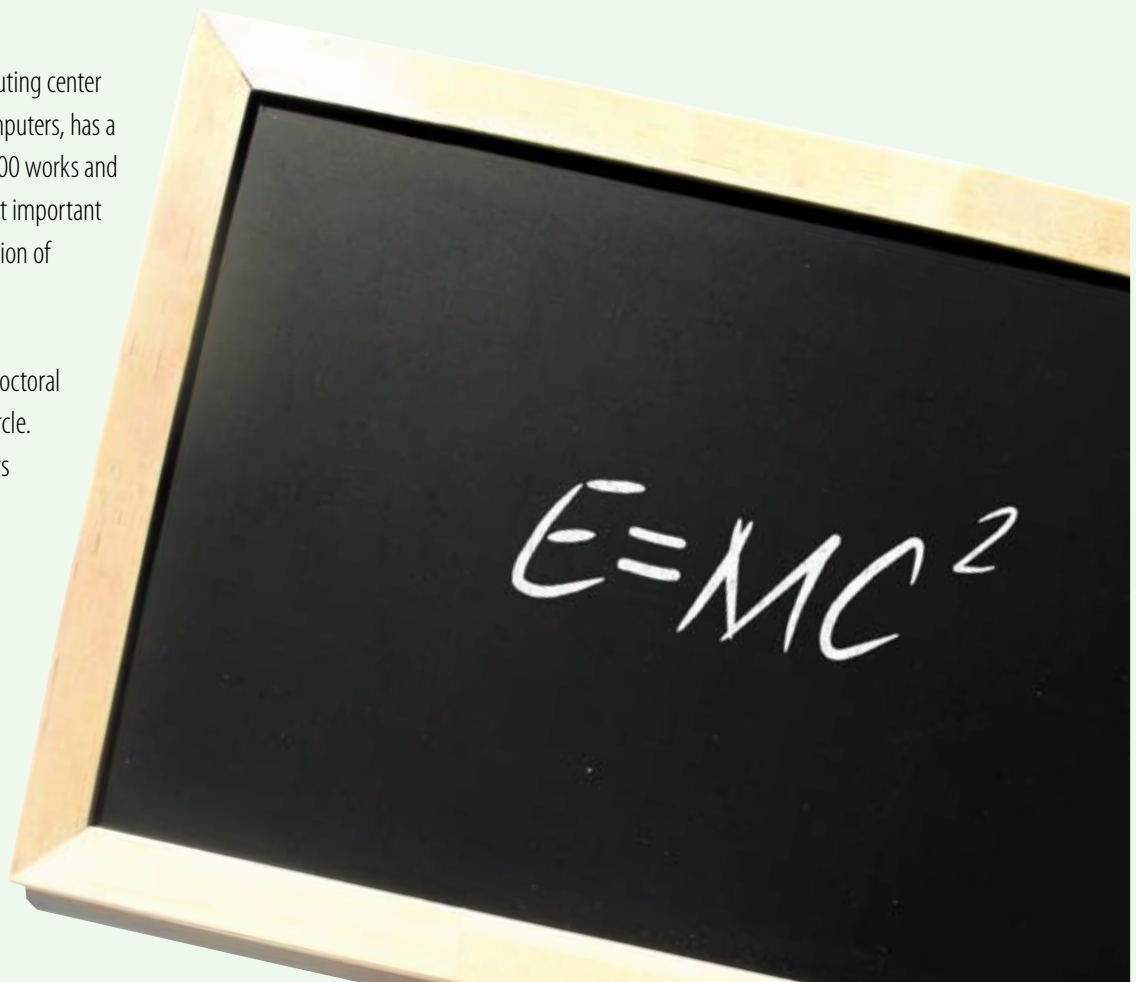
## RESEARCH

The Institute conducts a wide scope of basic research in theoretical physics. Part of the theoretical research is closely related to experiments. The institute participates in international experiments, such as ICARUS and cooperates with many national and international science institutions, including CERN (Geneva, Switzerland) and JINR (Dubna, Russia). The results of research are published in the most popular international journals, and as conference material and monographs, are presented at international conferences. Each year the Institute organizes at least two international conferences: the Winter School of Theoretical Physics in Karpacz and the Max Born Symposium.

## DEGREES

The institute awards the following degrees:

- Bachelor of Physics
- Master of Physics
- Master of Econophysics
- Doctor of Physics



# Experimental Physics

## ABOUT

The Institute of Experimental Physics is a leading center in its field in Poland. It focuses on physics, physical chemistry of solid surfaces and characteristics of dielectrics, and implements positron annihilation spectroscopy in studies of condensed phase. For many years it has been organizing or co-organizing international and national scientific conferences such as the Positron Annihilation Seminar (national and international), Surface Physics Workshop (international), School of Ferroelectrics Physics (International). The Institute has research laboratories, teaching labs, lecture halls and social resources, which guarantees high quality education for students and young academic staff. Our scholars actively promote the Institute by organizing "Lectures of Physics with Demonstrations" for schoolchildren. They also participate in reforming the education system in Poland by adopting new education forms, training teachers and perfecting teaching methods. The Institute organizes the Autumn School on "Problems in teaching Physics".

The Institute has opened a area of study - Technical Physics in response to the increasing demand for engineers on the employment market. The curriculum is oriented towards developing the students' practical skills and equipping them with thorough knowledge in the fields of physics, chemistry, mathematics and technical applications of physics, and the use of computers in analysis.

## RESEARCH

Research interests concentrate on three areas:

- physical and chemical characteristics of solid surfaces, including: mechanisms of producing advanced materials through surface nanostructuring, tribological characteristics of materials on a nano and mezzo scale, diagnostics of physical and chemical characteristics of the surface and the surface layer of metals, semiconductors and insulators, establishing measurement standards, structure of elements of surface diagnostics systems.
- nuclear physics methods in studies on structure and characteristics of electron solids, including: application of nuclear

methods in studying material, developing annihilation methods and methods based on Mossbauer effect to study the processes in solids.

- creating and diagnosing ferroelectric materials, mainly electrooptoelectric crystals that may be applied in sensors, deflectors, actuators, ferroelectric memories, detectors (e.g. of neutrons).

Many research topics are conducted in cooperation with Polish and international science centers and funded by national and international institutions.

## DEGREES

The institute awards the following degrees:

- Bachelor of Physics
- Bachelor of Technical Physics
- Master of Physics



# Programmes in English

## MASTER OF EXPERIMENTAL PHYSICS

Students of these two-year Master (i.e., 2nd Degree) Studies in Experimental Physics are expected to have knowledge of general physics, basic quantum mechanics and introductory solid state physics. Within this course, students learn the principles and applications of modern experimental techniques, fundamentals of materials science, ultra-high vacuum and low-temperature technologies, crystal-growth techniques and methods of investigation of their mechanical, electrical, optical and thermal properties. Associated theoretical issues are presented. Applying computers to control measurements and professionally analyze experimental data, as well as presenting results according to high-scientific standards are taught. Students take part in research projects, and on that basis prepare their M.Sc. theses. Research areas include, e.g., surface and interface physics, nanomaterials, thin-film physics, physics of dielectrics and applications of nuclear methods in solid state physics.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Robert Kucharczyk, PhD

[rku@ifd.uni.wroc.pl](mailto:rku@ifd.uni.wroc.pl)

## CONTENTS

### Semester 1 (30 ECTS)

Selected Topics in Solid State Physics  
Advanced Physics Laboratory  
Principles of Modern Experimental Techniques  
Monographic Lectures\*  
Seminar

### Semester 2 (30 ECTS)

Selected Topics in Solid State Physics  
Introduction to Materials Science  
Fundamentals of Surfaces and Interfaces  
Specialized Laboratory  
Monographic Lectures\*  
Seminar

### Semester 3 (30 ECTS)

Computer Course\*\*  
Monographic Lectures\*  
Seminar  
Master project

### Semester 4 (30 ECTS)

Monographic Lectures\*  
Seminar  
Master project and examination

\* Student is expected to pass two different Monographic Lectures (at least one with final-exam grade) in each of the first three semesters, and one Monographic Lecture (with final-exam grade) in the fourth semester. Monographic Lectures include: Application of Physical Methods in Medicine; Biophysics; Biomolecules in Materials Science; Dynamic and Kinetic Processes on Surfaces; Electron Tunneling in Microstructures; Elementary Particle Physics; Fundamental Aspects of Physical Chemistry; Introduction to Positron Annihilation Spectroscopy; Low-Dimensional Systems and Microstructures; Nanomaterials and Nanotechnology; Simulations of Many-Atomic Systems from First Principles; Surface Modeling based on Photoelectron Spectroscopy and Temperature-Programmed Desorption.

\*\* Passing one of Computer Courses is compulsory. Computer Courses include: Applications of Computers in Physics Teaching; MATLAB as a Tool for Data Analysis, Visualization and Scientific Computing; Programming in Fortran.

## MASTER OF THEORETICAL PHYSICS

Students of these two-year Master (i.e., 2nd Degree) Studies in Experimental Physics are expected to have knowledge of general physics, basic quantum mechanics and introductory solid state physics. Within this course, students learn the principles and applications of modern experimental techniques, fundamentals of materials science, ultra-high vacuum and low-temperature technologies, crystal-growth techniques and methods of investigation of their mechanical, electrical, optical and thermal properties. Associated theoretical issues are presented. Applying computers to control measurements and professionally analyze experimental data, as well as presenting results according to high-scientific standards are taught. Students take part in research projects, and on that basis prepare their M.Sc. theses. Research areas include, e.g., surface and interface physics, nanomaterials, thin-film physics, physics of dielectrics and applications of nuclear methods in solid state physics.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Zbigniew Jaskólski, PhD

[jask@ifd.uni.wroc.pl](mailto:jask@ifd.uni.wroc.pl)

## CONTENTS

### Semester 1 (30 ECTS)

Mathematical Methods in Theoretical Physics  
Statistical Physics  
Classical Field Theory  
Quantum Electrodynamics  
Monographic lecture  
Diploma seminar

### Semester 2 (30 ECTS)

General Relativity  
Elementary Particle Theory  
Quantum Field Theory I  
Specialized lecture  
Monographic lecture  
Diploma seminar

### Semester 3 (30 ECTS)

Quantum Field Theory II  
Specialized lecture  
Monographic lecture  
Diploma seminar  
Master project

### Semester 4 (30 ECTS)

Specialized lecture  
Monographic lecture  
Diploma seminar  
Master project and examination

## PREPARATORY COURSE IN PHYSICS

The purpose of this one-semester course is to prepare students to undertake Master Programs in Theoretical and Experimental Physics. In particular, it is designed for candidates who do not meet all entry criteria, but nevertheless have basic knowledge of calculus as well as general physics. Upon completion of this preparatory course, students should be eligible to enroll for the Master Studies in Theoretical or Experimental Physics. The program includes the following subjects:

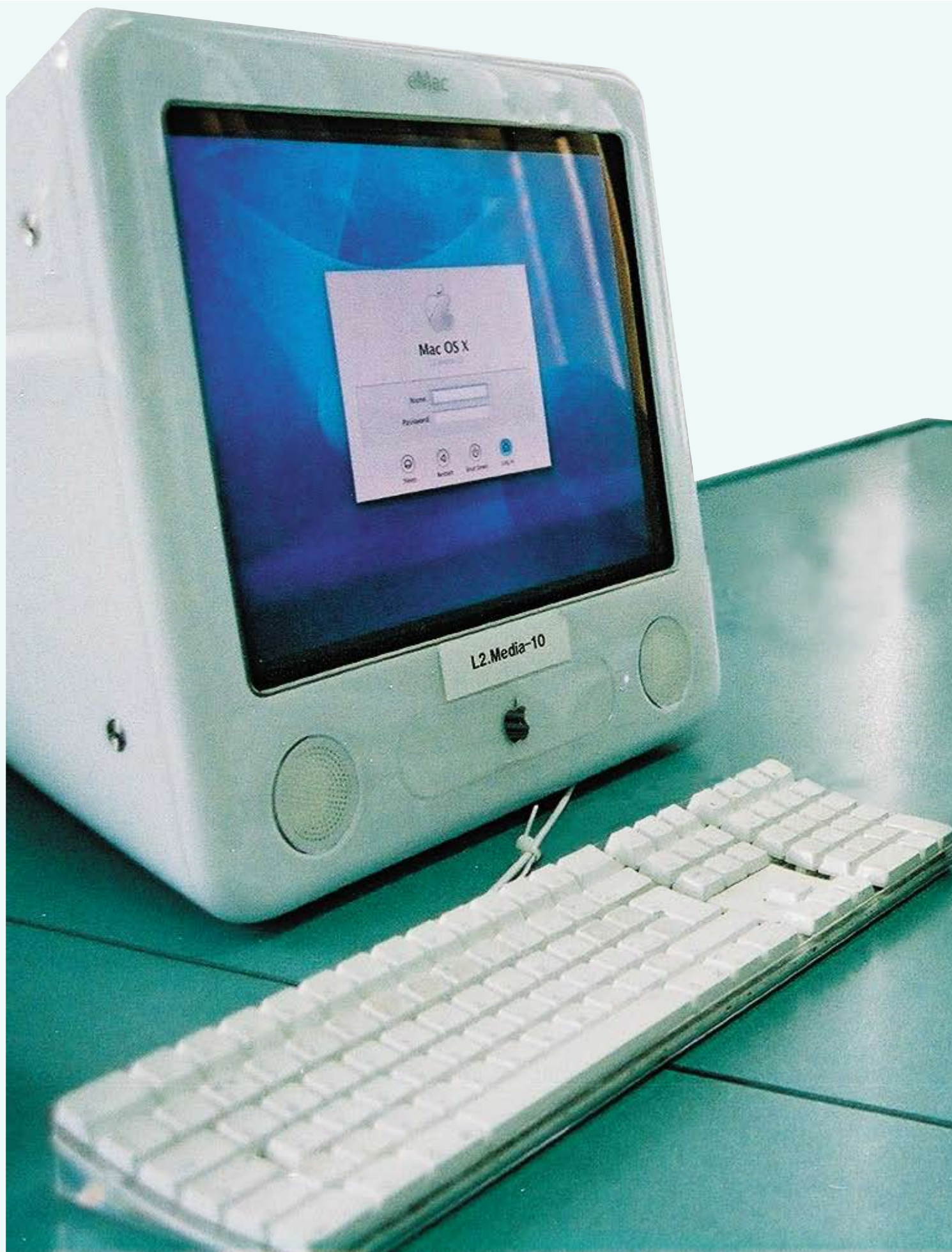
- Quantum Mechanics
- Introduction to Solid State Physics
- Electrodynamics
- Mathematical Methods of Physics
- Spinors and Dirac Equation

### Candidates for Experimental Physics:

To be qualified for Master Studies in Experimental Physics, students have to pass (with final-exam grade) Quantum Mechanics and Introduction to Solid State Physics courses, and to complete (with classes grade) at least two of the remaining optional courses (preferably Electrodynamics and Mathematical Methods of Physics).

### Candidates for Theoretical Physics:

To be qualified for Master Studies in Theoretical Physics, students have to pass (with final-exam grade) Quantum Mechanics and Electrodynamics courses, and to complete (with classes grade) at least two of the remaining optional courses (preferably Mathematical Methods of Physics and Spinors and Dirac Equation).



# Mathematics and Computer Science

The Faculty of Mathematics and Computer Science is one of the leading mathematical and IT centers in Poland. It is in the first category awarded by the Ministry of Education and ranks third in the country (second among non-technical universities). The academic staff includes excellent scholars, such as Andrzej Hulanicki, Ludomir Newelski, Leszek Pacholski. The wide and diverse education offered provides scientists with a comprehensive and thorough knowledge in the areas studied and guarantees high quality training to those wishing to implement mathematical tools in their professional work. The Faculty runs interdisciplinary courses in mathematics and computer science.

## CAREER OUTCOMES

Our graduates find employment in schools, banks, insurance and consulting companies, as teachers, analysts, sales managers, IT managers, computer programmers

The Faculty of Mathematics and Computer Science has the following departments:

## COMPUTER SCIENCE MATHEMATICS

### Faculty Office

TEL: (+48 71) 3757 890 – 895

FAX: (+48 71) 3757 895

EMAIL: [dziekan@math.uni.wroc.pl](mailto:dziekan@math.uni.wroc.pl), [dziekanat@ii.uni.wroc.pl](mailto:dziekanat@ii.uni.wroc.pl)

### Numbers

FACULTY MEMBERS: 153

STUDENTS : 1121

PHD STUDENTS: 50

# Computer Science

## ABOUT

The Institute of Computer Science is among the leading IT centers in the country, both in terms of research and teaching quality.

The high quality of research is reflected in the numbers of papers published prestigious journals, and in the participation of our researchers at the most highly regarded conferences.

The quality of education is reflected in the numerous successes of our students and graduates. This includes the ACM International Collegiate Programming Contest. Our graduates find employment in the best national and international IT companies.

The Institute offers a wide variety of subjects – from classical computer science to modern technologies – and the structure of studies enables students to adjust the courses to meet their individual requirements.

## RESEARCH

Research interests include Complexity theory, Approximation algorithms, Parallel computations, On-line algorithms, Design of algorithms, Automata theory, Formal languages, Verification of programs, Verification of cryptographic protocols, Programming languages, Logic in computer science, Symbolic computations, Rewriting, Computational statistics, Convergence acceleration, Intelligent data analysis,

Intelligent system developing, Numerical integration, Numerical methods of differential equations, Optimization methods, Special functions and orthogonal polynomials.

Faculty members carry out numerous research projects financed by the Ministry of Education and Higher Education. The results of their work are presented at renowned international scientific conferences.

## DEGREES

The institute awards the following degrees:

- Bachelor of Computer Science
- Master of Computer Science
- Doctor of Mathematical Sciences (awarded by the Faculty)



# Mathematics

## ABOUT

The Institute of Mathematics is one of the leading mathematical centers in the country. The high quality of research is reflected in numerous publications in renowned Philadelphia journals, and intensive international cooperation. The Institute runs six EU scientific programs and a number of other international projects. Each year, the Institute organizes several international conferences.

Basic research serves as a basis for application research related to application of probability theory and statistics, financial mathematics and application of mathematics in biology. The Institute publishes the scientific journal Probability and Mathematical Statistics and houses a statistical analysis studio.

The variety of research activities is also reflected in the educational offer. The Institute runs doctoral programs for young researchers, but the high quality of education is also maintained in BA and MA programs. The extensive offer of subjects and individual supervision over the most talented students gives them independence in pursuing their ambitions and interests and makes studying at the Institute an attractive proposal for the best candidates from the country.

The institute promotes mathematics among teenagers and offers continuing education courses for teachers.

## RESEARCH

Research interests include harmonic analysis, non-commutative probability, partial differential equations, geometry, theory of models, applied probability, applications of mathematics (including theory of reliability, theory of time series), theory of measure and integral, algebra and theory of numbers, topology, logic, and teaching mathematics. The research staff carries out a number of global research projects funded by the Ministry of Education and Higher Education.

## DEGREES

The institute awards the following degrees:

- Bachelor of Mathematics
- Master of Mathematics
- Doctor of Mathematical Sciences



# Programmes in English

## BACHELOR OF COMPUTER SCIENCE

Computer studies will enable the candidates to utilize the knowledge of subjects they were particularly fond of in a secondary school, be it biology, chemistry, physics, astronomy, etc. Computers make life easier nowadays in many areas of life, nevertheless, they can be used most efficiently only when information technology knowledge is combined with other fields of science. Thus, broad-minded students will find it easier to explore the fields of knowledge, inaccessible to others.

### ENTRY DATE/DURATION

October 1st/3 Years

### COORDINATORS

Emanuel Kieroński, PhD  
[emanuel.kieronki@ii.wroc.pl](mailto:emanuel.kieronki@ii.wroc.pl)

## CONTENTS

### Obligatory courses

Algebra  
Algorithms and Data Structures  
Calculus  
Discrete Mathematics  
Elements of Probability Theory  
Logic for Computer Science  
Numerical Analysis  
Programming

### Courses in Computer Science

Approximation Algorithms  
Artificial Intelligence I  
Automated Verification  
Compiler Design I  
Computational Geometry  
Computer Networks

Convergence Acceleration Methods  
Course of Data Bases Systems  
Course of Programming in ANSI C  
Course of Programming in C++  
Course of Programming in Java  
Course of Programming in Windows  
Cryptography  
Data Bases  
Data Compression  
Distributed Algorithms  
Formal Languages and Computational Complexity  
Functional Programming  
Introduction to Computer Graphics  
Introduction to Computer Science  
Logic Programming  
Mathematical Methods of Computer Graphics  
Modelling of Natural Problems  
Natural Language Processing  
Neural Networks  
Neural Networks in Pattern Recognition  
Object-Oriented Programming  
Online Algorithms  
Operating Systems  
Randomized Algorithms  
Realistic Computer Graphics  
Seminar: 3D Computer Vision  
Seminar: Hot Topics in Computer Graphics  
Seminar: Online Algorithms  
Software Engineering  
Text Algorithms  
Theoretical Foundations of Communication in Networks  
Theoretical Foundations of Programming Languages

## MASTER OF COMPUTER SCIENCE

Candidates are required to have a bachelor degree in Computer Science. They are expected to know basic concepts of programming and computer systems.

Courses can be offered once a year or every other year. This system allows us to broaden the spectrum of the offered subjects. But this means that in some cases it is not fixed in which year of their studies the students attend the course. Students are advised to bear this in mind when planning their curriculum.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Emanuel Kieroński, PhD  
[emanuel.kieronki@ii.wroc.pl](mailto:emanuel.kieronki@ii.wroc.pl)

## CONTENTS

### Semester 1 (24 ECTS)

Compiler Design I  
Data Bases 2  
Data Warehouses and Business Intelligence  
Distributed Algorithms  
Distributed Systems  
Functional Programming  
Introduction to Computer Graphics  
Logic Programming  
Neural Networks  
Parallel Algorithms in Artificial Intelligence  
Text Algorithms

### Semester 2 (24 ECTS)

Formal Languages and Computational Complexity

Artificial Intelligence 1  
Cryptography  
Data Compression  
Data Warehouses and Data Mining  
Mathematical Methods of Computer Graphics  
Modelling of Natural Problems  
Online Algorithms  
Parallel and Distributed Computations  
Realistic Computer Graphics  
Theoretical Foundations of Communication in Networks

### **Semester 3 (24 ECTS)**

Approximation Algorithms  
Computational Complexity  
Computational Geometry  
Distributed Systems  
Evolutionary Algorithms  
Functional Programming  
Introduction to Computer Graphics  
Modal and Temporal Logic  
Natural Language Processing  
Parameterized Complexity  
Parallel Algorithms in Artificial Intelligence

### **Semester 4 (24 ECTS)**

Formal Languages and Computational Complexity  
Artificial Intelligence 1  
Automated Verification  
Convergence Acceleration Methods  
Cryptography  
Image Processing  
Neural Networks in Pattern Recognition  
Parallel and Distributed Computations  
Randomized Algorithms  
Intelligent Agent Systems  
Theoretical Foundations of Programming Languages

## **MASTER OF MATHEMATICS**

Students with a Bachelor degree in Mathematics can enroll in the program in Applied Probability and Mathematical Statistics or the program in Pure Mathematics. In both programs some courses are compulsory but students also have a large number of electives to choose from.

### **ENTRY DATE/DURATION**

October 1st/2 Years

### **COORDINATORS**

Krzysztof Dębicki, PhD  
[Krzysztof.Debicki@math.uni.wroc.pl](mailto:Krzysztof.Debicki@math.uni.wroc.pl)

Jan Dymara, PhD  
[Jan.Dymara@math.uni.wroc.pl](mailto:Jan.Dymara@math.uni.wroc.pl)

## **CONTENTS**

### **List of obligatory courses**

Real and Complex Analysis  
Analytic Methods of Applied Mathematics  
Introduction to Probability theory and Mathematical Statistics

### **List of selected optional courses**

Applied Statistics  
Discrete Models in Financial Mathematics  
Elementary Course on Differential Equations  
Advanced Course on Differential Equations  
Game Theory  
Gaussian Processes  
Inference Statistics  
Lévy Processes  
Life Insurance Mathematics  
Markov Processes  
Mathematical Statistics  
Numerical Stochastic Integration

Simulations of stochastic processes  
Stochastic Financial Mathematics  
Stochastic Integration  
Stochastic Methods in Financial Modeling  
Stochastic Models  
Stochastic Partial Differential equations  
Stochastic Processes  
Stochastic Processes in Risk Theory  
Time Series



# Biological Sciences

---

The Faculty was created in 2006 as a transformation of the former Faculty of Natural Sciences. It offers BA, MA and PhD programs in biology and environmental protection. There are four specialties in biology: human biology, microbiology, botany and zoology. Contemporary biology and environmental protection are sciences strongly linked to other branches of knowledge. Therefore the Faculty of Biological Sciences cooperates in the fields of education and research with the Faculties of Earth Science and Environmental Management, Biotechnology, Chemistry and Physics and Astronomy.

The Faculty of Biological Sciences has the following departments:

**PLANT BIOLOGY**

**GENETICS AND MICROBIOLOGY**

**ZOOLOGY**

**ANTHROPOLOGY**

**Faculty Office**

TEL: (+48 71) 3752 221, 3752 979

FAX: (+48 71) 3435 728

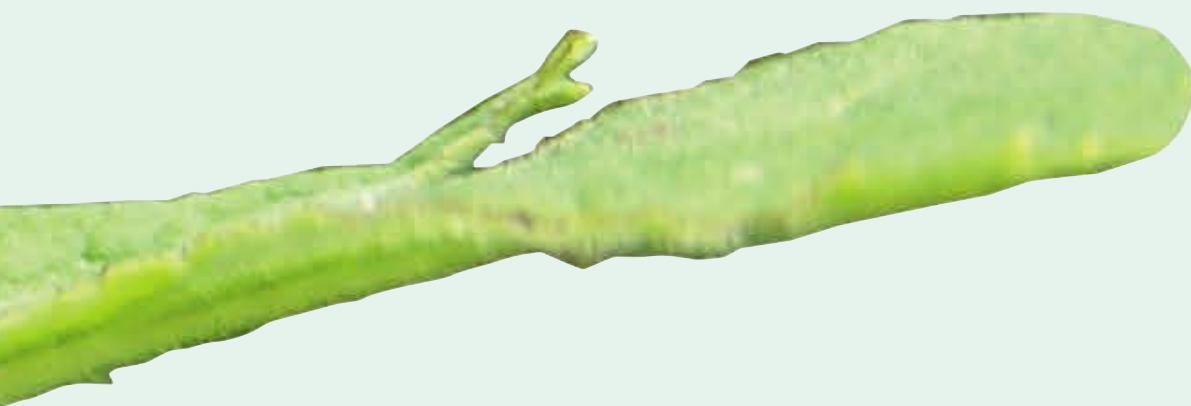
EMAIL: [wawer@adm.uni.wroc.pl](mailto:wawer@adm.uni.wroc.pl)

**Numbers**

FACULTY MEMBERS: 131

STUDENTS : 1254

PHD STUDENTS: 76



# Plant Biology

## ABOUT

The Institute of Plant Biology educates students of biology, environmental protection and botany.

The Institute has a long tradition and employs many internationally known professors.

The Institute is organized into five departments: Morphology and Development of Plants, Plant Physiology, Ecology, Biogeochemistry and Environmental Protection, Biodiversity and Protection of Flora and Cytogenetics and Speciation of Plants.

The Institute also comprises the Studio of Numerical Methods in Ecology and the "Storczyk" Ecology Station in Karpacz. The Institute cooperates with similar units at national and international universities, the Committee of Nature Protection of PAN,

provincial conservators of nature protection and ecological organizations. Students have access to resources offered by the neighbouring Botanical Garden.

## RESEARCH

Research interests include ecological phenomena with endangered water and land plants and the interactions between them, biotests, bioindication and ecotoxicological models and their application in environmental protection, characteristics of membrane proteins involved in primary transport (proton pumps, metallic pumps) and secondary proteins (nitrates, heavy metal ions), metabolic modifications and defense strategies of higher plants in conditions of environmental stress (heavy metals, salt stress, low temperature), regulation of intake and assimilation of mineral forms of nitrogen, morphogenetic processes, phylotaxy, development and functioning

of primary and secondary meristems, modelling of surface deformations in growing plant organs, phenotype effects in mutants and cytotoxicity of the Asteraceae family.

## DEGREES

The institute runs full-time and part-time programs and awards the following degrees:

- Bachelor of Biology
- Bachelor of Environmental Protection
- Master of Biology
- Master of Environmental Protection

Additionally the Institute awards the following degrees in the full-time study mode:

- Bachelor of Biology with Chemistry specializing in teaching
- Master of Biology specializing in Botany
- Master of Biology with Chemistry specializing in teaching



# Genetics and Microbiology

## ABOUT

The Institute has a tradition of 33 years and is one of the most renowned educational and research centers in Poland. Its priority is high quality education in microbiology, genetics and molecular biology, parasitology, environmental protection and immunology. Students with excellent grades may apply for LLP-Erasmus scholarships. The Institute also offers summer courses for international students. The Institute was awarded the academic mark of quality, i.e. the accreditation of the University Accreditation Committee.

Diligence, expertise and the camaraderie of our scholars make the Institute a great place in which to study and ensures that our graduates have a thorough education and professional training. This is reflected by the fact that our graduates are employed in national and international science centers and departments.

Apart from many years experience in teaching, the Institute is very successful in its research activities. All faculty members carry out their own research tasks. Under grants from the Ministry and EU projects the Institute cooperates with many national and international universities. There is a summer school in Microbiology for students from University of Minnesota Duluth.

## RESEARCH

The Institute conducts high quality research activities and publishes the results in renowned scientific journals, and during conferences. Research is financed from Ministry grants and EU funds. Research is carried out in the departments of Genetics, Microbiology, Physical Chemistry of Microorganisms, Parasitology, Ecology of Microorganisms and Environmental Protection, Immunology and Electron Microscopy Studios



# Zoology

## ABOUT

The Institute of Zoology teaches students enrolled in courses in biology, environmental protection and zoology. There are three main areas of education: environmental biology, historical and systematic biology and experimental biology. The Institute of Zoology offers a wide range of field trips and laboratory studies. It has agreements that enable students to take part in internships, e.g. at White Sea and in east Kazakhstan. Within the Institute there are several student science circles: Chiropterology, Entomology, Herpetology, Ornithology, Paleozoology, Teriology and Ethology. There are 25 doctoral students.

The Institute is organized into five sections: Biodiversity and Evolution Taxonomy, Biology and Protection of Vertebrates, Ecology, Animal Physiology, Vertebrate Zoology, General Zoology, Paleozoology. The Institute also has a Cell Ultrastructure Workshop, DNA Analysis Workshop and a field station in Ruda Milicka.

## RESEARCH

Research interests include taxonomy, phylogenesis and zoogeography of animals, morphology and anatomy of vertebrates, population genetics, changeability in and between populations, phylogeography, ornithology and behaviour ecology of birds, paleontology, paleoecology and zooarchaeology, homeostasis of vertebrates (thermostasis and glucostasis), differentiation of cells in gametogenesis and embryogenesis, comparative studies of ovary structure and oogenesis in invertebrates.

The Institute cooperates with other universities within bilateral agreements, including science centers in Lvov, Saint Petersburg, Tomsk, Kazakhstan, Göttingen, Leipzig, Pisa and France.

## DEGREES

The institute awards the following degrees:

- Bachelor of Biology
- Bachelor of Environmental Protection
- Master of Biology
- Master of Environmental Protection
- Bachelor of Biology with Chemistry specializing in teaching
- Master of Biology specializing in teaching



# Anthropology

## ABOUT

The Department of Anthropology teaches students enrolled in courses in biology, environmental protection, archaeology, pedagogy, psychology and geography. It offers Human Biology for students in the third year. The interdisciplinary character of anthropology and our extensive educational offer is reflected in the wide scope of BA and MA theses within our Institute.

The Department cooperates with numerous research units. It also runs student exchange programs with the University of Liverpool. The academic staff participates in two international science programs: Global Deception Research Team (lead by Ch. Bond – USA) and ISDP-2 (lead by D. Schmitt – USA).

The Department coorganized the opening of the Museum of Man in 2002. The Museum serves as a means of educating teenagers and students and is highly popular with teachers and pupils (it offers classes for schoolchildren on anthropogenesis, methods of diagnosing

age and sex from bones and racial diversity of the Homo sapiens). The collections of the Museum are also used in students' education and scientific and research activity.

## RESEARCH

Research activities focus on studies on prehistoric populations by exploring the ash cemetery of the Lusatian culture (in cooperation with archaeology), studies on growth and maturation of children and teenagers depending on environmental

variables (auxology), and studies on biological and cultural behaviour of man (ethology of man).

## DEGREES

The institute awards the following degrees:

- Bachelor of Biology
- Bachelor of Environmental Protection
- Master of Biology
- Master of Environmental Protection





# Biotechnology

The Faculty of Biotechnology is organized into twelve sections: Biochemistry, Genetic Biochemistry, Biophysics, Molecular Cell Biology, Protein Biotechnology, Biotransformation, Cytobiochemistry, Enzymology, Genomics, Protein Engineering, Lipids and Liposomes, Cell Pathology. It also houses the Nuclear Protein Laboratory. The Faculty awards the degrees of Bachelor, Master and Doctor of Biotechnology. In the year 2001–2007 the academics published over 600 scientific works, half of which were printed in renowned international journals.

## CAREER OUTCOMES

Our graduates find employment in control and research laboratories in those branches of industry that use biotechnological processes, in health and environmental protection laboratories and in national and international science labs.

### Faculty Office

TEL: (+48 71) 3752 995

FAX: (+48 71) 3752 996

EMAIL: [dziekanat@biotech.uni.wroc.pl](mailto:dziekanat@biotech.uni.wroc.pl)

### Numbers

FACULTY MEMBERS: 44

STUDENTS : 273

PHD STUDENTS: 52

## Programmes in English

### MASTER OF BIOTECHNOLOGY

The program provides theoretical scientific knowledge and an understanding of the issues required for modern biotechnology including subjects in modification of cells and organisms, biosynthesis and biotransformation, bioproducts, macrocells. Graduates are prepared for an increasing variety of new applications for biological products and job opportunities in the sector of health care and environmental protection.

#### ENTRY DATE/DURATION

October 1st/2 Years

#### COORDINATOR

Ewa Marcinkowska, PhD

[ewa@protein.pl](mailto:ewa@protein.pl)

#### Semester 1 (30 ECTS)

Structure and Function of Proteins  
Biomembrane structure and function  
Immunology  
PCR Method –Technique and Application  
Biology of gene  
Seminar  
Copyright law

#### Semester 2 (30 ECTS)

Methods in Molecular Biology  
Animal cell culture  
Biocins and Polypeptide Antibiotics  
Bioinformatics  
Protein Engineering  
Glycoproteins  
Seminar  
Specialization laboratory

#### Semester 3 (30 ECTS)

Analytical Methods in Proteins and Glycoconjugates Chemistry  
Some aspects of gene therapy  
Environmental genomics – identification of microorganisms  
Advanced laboratory  
Seminar  
Master laboratory

#### Semester 4 (20 ECTS)

Elective course in the humanities  
Economy  
Seminar  
Master laboratory



# Chemistry

The Faculty of Chemistry offers BA, and MA programs with four specialties: Elementary Chemistry, Environmental Chemistry, Chemical Informatics and Biological Chemistry. MA Students of Elementary Chemistry choose one of the following specialties for their thesis: physical chemistry, organic chemistry, inorganic chemistry, chemical physics, material chemistry for new technologies. MA programs in Elementary Chemistry are conducted in English. There are 90 PhD students enrolled in the doctoral programs offered by the faculty.

## CAREER OUTCOMES

Our graduates find employment in chemical plants as production technicians, laboratory workers, administrative staff, in schools and universities and other professions which give them the opportunity to implement their acquired skills and knowledge. Graduates are also trained to work in interdisciplinary teams with chemists, biochemists, biologists, pharmacologists and doctors, and also in research institutions, diagnostic, pharmacological or biotechnological laboratories.

### Faculty Office

TEL: (+48 71) 3757 290

FAX: (+48 71) 3757 420

EMAIL: [dziekanat@wchuwr.pl](mailto:dziekanat@wchuwr.pl)

### Numbers

FACULTY MEMBERS: 210

STUDENTS : 1200

PHD STUDENTS: 90

## Programmes in English

### MASTER OF CHEMISTRY

This two-year program assumes basic skills in chemistry. Its idea is specialised learning, where students have the opportunity to choose lectures and the general path of education. The main specialized courses are "Inorganic chemistry", "Organic chemistry", "Physical chemistry" and "Chemical physics", "Biological chemistry", "Materials chemistry for new technologies" and "Environmental chemistry".

#### ENTRY DATE/DURATION

October 1st/2 Years

#### COORDINATOR

Professor Jacek Gliński, PhD

[glin@wchuwr.chem.uni.wroc.pl](mailto:glin@wchuwr.chem.uni.wroc.pl)

#### Semester 1 (30 ECTS)

Laboratory techniques  
Chemical technology  
Lectures for choice

#### Semester 2 (30 ECTS)

Specialisation (1)  
Specialisation (2)  
Lectures for choice

#### Semester 3 (30 ECTS)

Safety  
Diploma laboratory  
Specialisation (1)  
Monographic lecture

#### Semester 4 (30 ECTS)

Diploma laboratory  
Diploma seminar  
Monographic lecture



# Earth Science and Environmental Management

---

The Faculty of Earth Science and Environmental Management educates students within two areas of study and eight specialties. It runs BA and MA programs and PhD and post-graduate courses. The offer allows flexibility in adjusting the program to the students' individual needs and interests. The Faculty has implemented the system of credit points (ECTS) which guarantees optimal choice of curriculum when studying abroad.

## **CAREER OUTCOMES**

Our graduates find employment in various branches of industry, national and local administration, research institutions, geology teams across the world, oil companies, geological companies, the sector of construction and road-building, and national and local institutions related to geography and the environment.

The Faculty of Earth Science and Environmental Management has two departments:

## **GEOGRAPHY AND REGIONAL DEVELOPMENT GEOLOGICAL SCIENCES**

### **Faculty Office**

TEL: (+48 71) 3752 789

FAX: (+48 71) 3782 854

EMAIL: [dziekanwnoz@uni.wroc.pl](mailto:dziekanwnoz@uni.wroc.pl)

### **Numbers**

FACULTY MEMBERS: 118

STUDENTS : 1150

PHD STUDENTS: 50

# Geography and Regional Development

## ABOUT

The Institute was created in 1945. It was restructured and reorganized several times to keep up with world trends in teaching and research. It introduced the system of credits (ECTS) in 1993, which made student exchange programs much easier. In 2002 it was awarded a certificate of quality by the University Accreditation Committee and in 2004 by the National Accreditation Committee. The high quality of teaching and research is maintained by our excellent academic staff who follow the latest trends in teaching and cooperate with other national and international universities. They also occupy responsible positions in international organizations and are members of the European University.

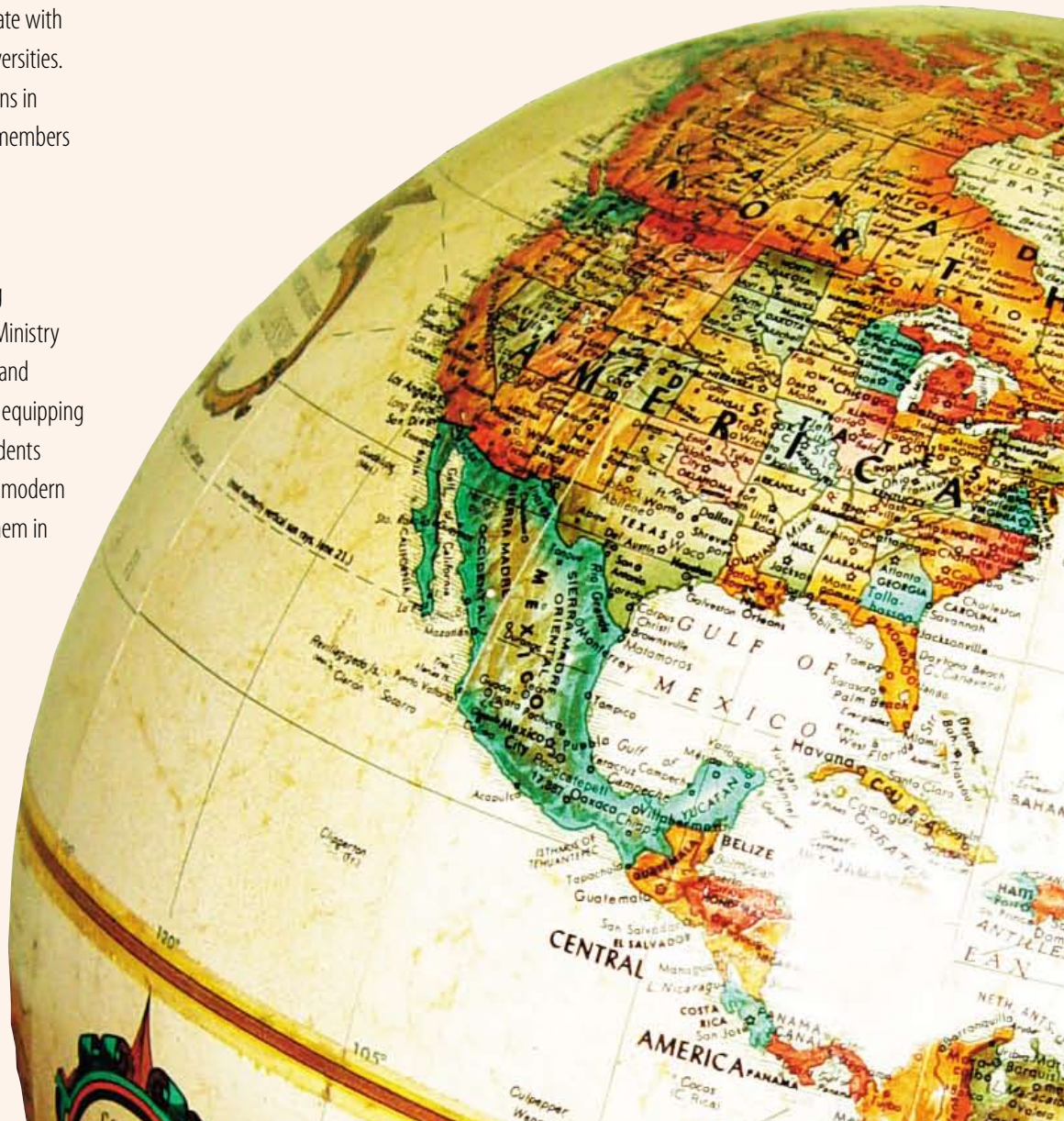
## RESEARCH

Research activities focus on studying phenomena and are funded by the Ministry and from external sources. National and international research grants help in equipping laboratories and workshops and students often participate in projects to learn modern research methods and implement them in their own master theses.

## DEGREES

The institute awards the following degrees:

- Bachelor of Geography
- Bachelor of Geography with Biology
- Bachelor of Geography with History
- Master of Geography
- Doctor of Geography



# Geological Sciences

## ABOUT

The Institute of Geological Sciences has the best and most modern equipment in Poland. For over 60 years it has been training specialists in various Earth sciences. The Institute employs 60 academics who have

expert knowledge and research skills. The results of research are published in renowned national and international journals (the so-called Philadelphia list). The Institute runs studies in geology. The Institute was restructured and reorganized several times to keep up with the world trends in teaching and research. It introduced the system of credits (ECTS) in 1993, which made student exchange programs much easier. In 2002 it was awarded a certificate of quality by the University Accreditation Committee and in 2004 by the National Accreditation Committee. The Institute cooperates with 20 international research institutions and numerous national centers.

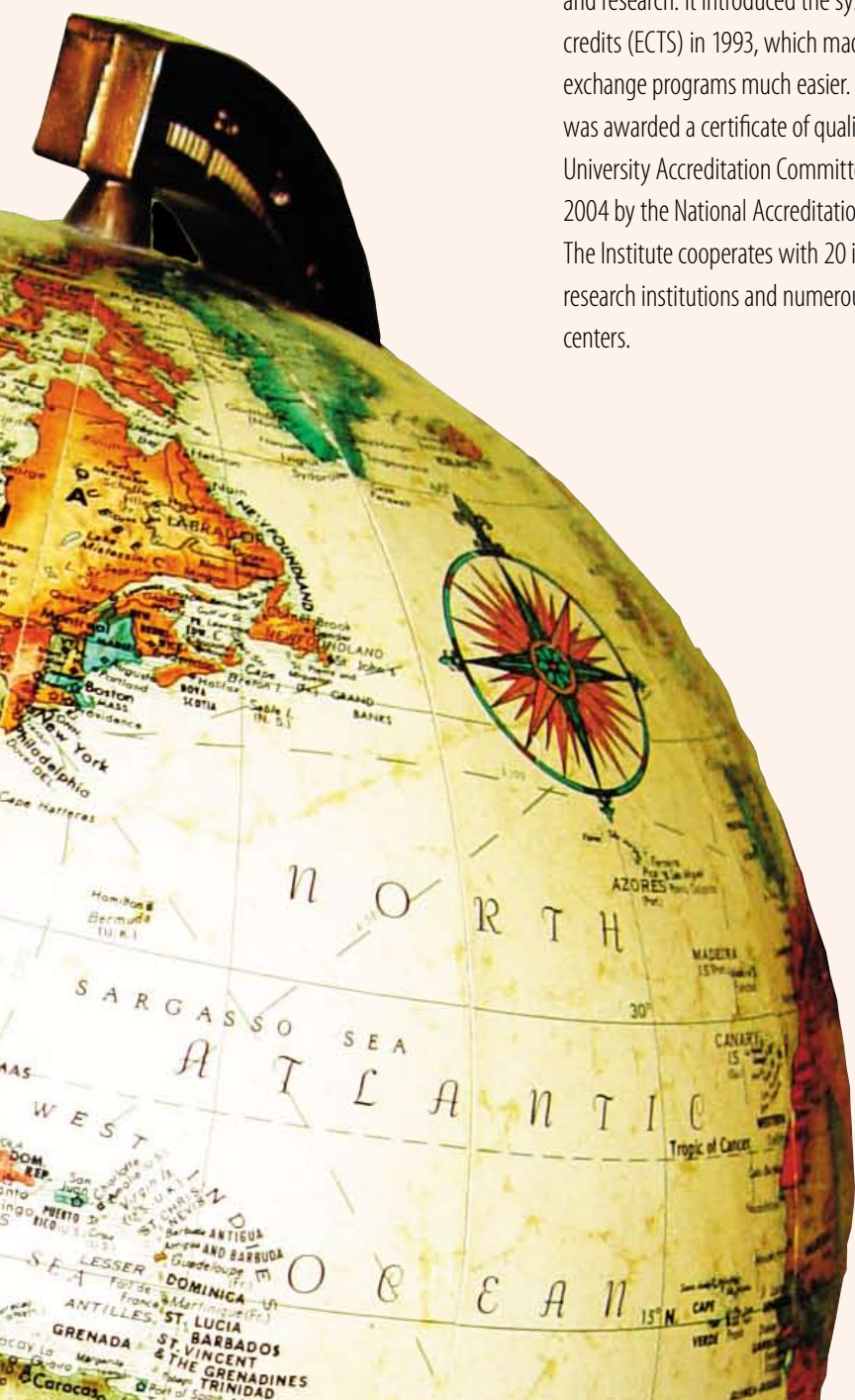
## RESEARCH

Research interests include petrology of crystal and sedimentary rocks, mineralogy, stratigraphy, palinology, structural analysis, tectonics, regional geology, sedimentology, hydrogeology, engineering geology, deposit geology, isotope and environmental geology. Research is financed by the state and EU research funds. National and international research grants help in equipping laboratories and workshops and students often participate in projects to learn modern research methods and implement them in their own master theses. Our academic staff often prepare reports and conduct research for the industry, economy and environmental protection.

## DEGREES

The institute awards the following degrees:

- Bachelor of Geology
- Master of Geology
- Doctor of Earth Sciences



# Programmes in English

## MASTER OF GEOGRAPHY AND ENVIRONMENTAL MANAGEMENT

Geography in Environmental Management is directed towards students interested in spatial problems of management and development. The growth of management studies and of development studies in universities in many parts of the world has reflected increased interest in, and concern for, the problems of environmental management. The course covers many aspects of study from physical geography and human geography.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Krzysztof Widawski, PhD

[widawski@geogr.uni.wroc.pl](mailto:widawski@geogr.uni.wroc.pl)

## CONTENTS

### Semester 1

Applied Climatology  
Applied Hydrology  
Environmental Change  
Seminar

### Semester 2

Applied Geomorphology  
Urban Environments  
GIS Applications in Environmental Management  
Seminar

### Semester 3

Quantitative Geography  
Economic geography of Europe  
Landscape Architecture  
Seminar  
Thesis research

### Semester 4

Global Environmental Issues  
Seminar  
Thesis research  
Master research

### Electives:

Regional Geography of Central Europe  
Geography of Art and Civilizations  
The basis of spatial economy  
Polar Environments

## MASTER OF TOURISM

The course is designed for students seeking employment in the tourism and hospitality industries, and interested in dealing with the challenges of increasing competition, changing customer preferences and technological advances. The program aims to develop essential knowledge and skills needed to work in the tourism industries, and to generate expert capabilities for researching the tendencies of tourism demand.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Krzysztof Widawski, PhD

[widawski@geogr.uni.wroc.pl](mailto:widawski@geogr.uni.wroc.pl)

## CONTENTS

### Semester 1

Introduction to the Tourist Industry  
Geography of Tourism  
Introduction to the Spatial Economy in Tourism  
Research Problems in Tourism Geography  
Geography of Tourism in European Countries

### Semester 2

Marketing in Tourism  
Geography of Tourism in non-European Countries

### Electives:

Landscape Architecture  
Contemporary Urban Landscapes  
Internship

### Semester 3

Contemporary Tendencies in Tourism  
Servicing the Tourist  
Management in Tourism  
Thesis Research  
Master Research

### Electives:

Tourism Geography of Spain  
Geography of Tourism in Poland

### Semester 4

Thesis Research  
Master Research

## MASTER OF GEOLOGY AND ENVIRONMENTAL GEOSCIENCES

The programme is aimed at those seeking a higher qualification in Geosciences, with particular focus on understanding the processes that control the evolution and functioning of Earth's surface and near-surface environments. This includes the processes responsible for creating and modifying topography and dependencies that determine the evolution of the Earth's surface.

### ENTRY DATE/DURATION

October 1st/2 Years

### COORDINATOR

Jacek Gurwin, PhD

[jacek.gurwin@ing.uni.wroc.pl](mailto:jacek.gurwin@ing.uni.wroc.pl)

## CONTENTS

### Semester 1 (30 ECTS)

Informatics and Geostatistics  
Methods in Mineralogy, Petrology and Geochemistry  
Exploration Geophysics  
Legal Aspects of Geological Activities and Environmental Protection  
Groundwater

### Semester 2 (30 ECTS)

Methods and Applications in Stratigraphy  
Sedimentary Processes, Environments and Basins  
Regional Geology  
Sedimentary Processes, Environments and Basins (field course)  
Regional and Economic Geology (field course)  
Fieldwork (summer vacations)  
Geological Mapping (field course)  
Field Training (individual)

### Semester 3 (30 ECTS)

Prospecting and Evaluation Of Mineral Reserves  
Laboratory Practice (individual)

### Semester 4 (30 ECTS)

Laboratory practice (individual)  
MSC Tutorial  
MSC Research Work  
MSC Exam

### Electives

Applications of Ground Penetrating Radar  
Biogeochemistry  
Building Stone: Deterioration and Conservation  
Cenozoic Geology  
Computer-Aided Geological Mapping  
Economic Geology  
Environmentally Sound Technologies  
Gemology  
Groundwater Modeling  
Karst Geology  
Limnology and Oceanography  
Methods in Regional and Applied Hydrogeology  
Methods In Structural Geology  
Natural Hazards  
Volcanology

# Testimonials



**NADITA NIRGUDKAR, INDIA** For me, coming to study the first year of my European Masters degree at the University of Wrocław has opened the doors to the amazing city of Wrocław and the beauty of Lower Silesia. University life here has a wonderful flavour with students from all over the world living and studying together. The university's beautiful surroundings and classic architecture make me feel part of the long tradition of academic life. Outside the university gates the city of Wrocław is lively, welcoming and young at heart and has become like a second home to me.



**SREANG CHHEAT, CAMBODIA** I am having an exceptionally great time studying here at the University of Wrocław. I get on very well with the professors at the University, who are extremely nice and knowledgeable. I received a very warm and cordial welcome from the people of Wrocław. Despite the city's rapid development, its citizens remain hospitable and friendly, whereas the university itself has become an important educational and academic center.



**SIMON WATMOUGH, AUSTRALIA** From the moment I arrived at the University of Wrocław I knew I had made the right decision to study here. Everyone at the university has gone out of their way to welcome the international students and help us settle in. The University combines centuries of academic tradition in a classical European setting with a contemporary curriculum and dynamic intellectual environment. And Wrocław's unique mix of Gothic Baroque, Austrian, Prussian and modern Polish heritage makes it an exciting place to live and study. There's always something new to discover around every corner!



**LILIN YU, CHINA** Friendly, Charming and Dynamic – that’s what I can say about Wrocław and the University after studying here for 4 months. No matter when I am taking classes, doing shopping, waiting for buses or just idling my eyes on the streets, I always find something new about the city and its people. Also worthy mentioning is the multicultural atmosphere brought by students around the world. It is an unforgettable experience meeting people from different cultures. And I feel happy and lucky to be one of them!



**JAYARAJ MANEPALLI, INDIA** When I first arrived in Wrocław, I was touched by the people’s hospitality – everyone at the University went overboard to help us settle down. It was a relief to find that a comfortable number of young people speak English. The presence of so many students in the city makes you feel at home. The whole experience has been enriching and exciting for me as I understood the culture and lifestyle better, discovered a genuine warmth and friendliness in the Polish people who appear to be similar in many ways to people back home.



**GEORG OFTENDAL, NORWAY** When I came here to study International Relations the timetable was so “thick” that it took me hours to decide which courses to choose. When I finally picked the ones I liked, I set out to explore the city of Wrocław. I quickly found out that there’s a party to crash almost on every corner and soon forgot the meaning of “boredom”. And if you’re not a party animal there are plenty of sights to see and shopping centers where you can easily blow your monthly allowance. Travellers will be glad to hear that Wrocław is only a 5-hour bus ride away from Berlin, Vienna, Prague, and Warsaw. So if you’re looking for a place to spend the time of your life with cool and friendly people, Wrocław should be first on your list.

# Admission Process

[Full Fee Students]

Action required by student	Action required by Admission Office
<p><b>1 Choose a course</b> Search our courses and choose the course that best matches your study plan and career goals.</p>	
<p><b>2 Meet the entry requirements</b> You must meet UWr minimum academic and English language entry requirements to gain admission to our courses.</p>	
<p><b>3 Fill in your Application Form</b> Complete our AF and attach the necessary documents to apply to any UWr courses. You can send it by e-mail or fax or by post.</p>	
	<p><b>4 UWr assesses your application</b> After we receive your application, we will assess it. If your application is successful, you will receive an offer letter, accommodation form and our information booklet.</p>
<p><b>5 Accept the offer</b> To accept your offer you must send your confirmation of payment to UWr along with your Acceptance of Offer form.</p>	
	<p><b>6 Confirmation of Enrolment</b> After we receive your fee payment and Acceptance of Offer form you will receive Final Acceptance Letter</p>
<p><b>7 Apply for your student visa</b> To apply for a student visa you must accept your UWr offer, pay your fees including Medical Insurance, complete a visa application form, pay the visa charge and satisfy the visa requirements.</p>	
<p><b>8 Arrive at UWr</b> UWr can arrange for you to be met at the airport on your arrival in Wrocław.</p>	

# Useful Contacts

---

## **STUDY IN ENGLISH**

Email: [international@uni.wroc.pl](mailto:international@uni.wroc.pl)

Phone: +48 71 375 28 77

## **STUDY IN POLISH**

Email: [studyinpolish@uni.wroc.pl](mailto:studyinpolish@uni.wroc.pl)

Phone: +48 71 343-01-43, 375-22-37, 375-22-55

## **LLP ERASMUS**

Email: [erasmus@uni.wroc.pl](mailto:erasmus@uni.wroc.pl)

Phone: +48 71 375 27 05

## **LEONARDO DA VINCI**

Email: [leonardo@uni.wroc.pl](mailto:leonardo@uni.wroc.pl)

Phone: +48 71 375 22 52

## **INTERNATIONAL STUDENT EXCHANGE PROGRAM (ISEP)**

Email: [exchangeprogram@uni.wroc.pl](mailto:exchangeprogram@uni.wroc.pl)

Phone: +48 71 375 27 03

## **STUDY ABROAD**

Email: [studyabroad@uni.wroc.pl](mailto:studyabroad@uni.wroc.pl)

Phone: +48 71 375 27 03

## **ERASMUS MUNDUS**

Email: [mundus@uni.wroc.pl](mailto:mundus@uni.wroc.pl)

Phone: +48 71 375 27 05

## **KIRKLAND**

Email: [kirkland@uni.wroc.pl](mailto:kirkland@uni.wroc.pl)

Phone: +48 71 375 27 03

## **THE SCHOOL OF POLISH LANGUAGE AND CULTURE**

Email: [sjpik@uni.wroc.pl](mailto:sjpik@uni.wroc.pl)

Phone: +48 71 375 25 70

---

Design by Dominik Rozwadowski

Photographs courtesy of Ryszard Cach (cover, page 6), Sławomir Budrewicz (pages 3, 76, 77), Bartłomiej Stroinski (page 4), Ewa Nogaj (pages 9, 15, 24, 28), Jerzy Katarzyński (page 13), Kazimiera Dąbrowska (page 19), Piotr Bizior (page 20), Stephen Hyun (page 22), Benjamin Earwicker (page 26), Joël Dietlé (page 29), Gokhan Okur (page 30), Áron Balogh (page 31), Felix Atsoram (page 34), José A. Warletta (page 37), Griszka Niewiadomski (page 40), Maciej Dąbrowski (page 42) Michel Meynsbrughen (page 44), Brandon Rush (page 46), B S K (page 49), H Berends (page 51), Sergio Guidoux Kalil (page 54), Rodolfo Clix (pages 56, 63), Ayhan Yildiz (page 57), Andrei Ghergar (page 60), Ryan Slack (page 62), Yolaine Conti (page 64), Jean Scheijen (page 66), Zern Liew (page 68), Dave Dyet (page 70), Elvis Santana (page 72), and the University of Wrocław (pages 2, 48, 65).

## **International Office**

The University of Wrocław  
Plac Uniwersytecki 1  
50-137 Wrocław  
Poland

tel +48 71 3752 877  
email [international@uni.wroc.pl](mailto:international@uni.wroc.pl)  
[www.international.uni.wroc.pl](http://www.international.uni.wroc.pl)

