

Welcome, Visitor!

As Faculty of Earth Sciences and Spatial Management, we offer education on our five main faculties:

geography, tourism and recreation, tourism management, geoinformatics and spatial management.

We have plenty of courses offered in English for Erasmus+ students:

	Subject	ECTS	Semester	Other information	Hours	Lecturer
1	Geology and geomorphology	9	spring	<u>Outline:</u> The subject includes knowledge of the construction of the Earth and the natural processes occurring deeply inside and on the surface of the Earth. It contains characteristics of the Earth's surface forms of various origin and educates in the ability to recognize essential minerals and rocks and geomorphological forms emerging in different climatic zones. The subject outlines the impact of human activities on the surface relief	40 lectures, 40 conversatories, 40 laboratories	Dr Małgorzata Telecka, Prof. dr hab. Wojciech Zgłobicki
2	Meteorology and hydrology in practice, part I	4	winter	<u>Outline:</u> The subject includes lectures on physics of the atmosphere and water management with the elements of the law. The main objective is: to present the specifics of the processes occurring in the atmosphere and to use the meteorological and climatological knowledge in a practice of human activity as well as to outline the possibility of water resources usage	60 lectures 60 conversatories	Dr. Agnieszka Krzyżewska Sr. Sylwester Wereski Dr. Katarzyna Mięsiak-Wójcik Dr hab. Stanisław Chmiel
3	Biogeography and environment protection	3	winter	<u>Outline:</u> The subject covers the issues and characteristics of the spatial distribution of biomes on the planet, phyto- and zoogeographic regions. Basic types of zonal and azonal vegetation are characterized as well as changes in the flora and fauna during the Cenozoic. Issues of biodiversity, sustainable	20 lectures 20 conversatories	Prof. dr. hab. Irena Pidek

				development and global environmental problems are discussed. Forms of nature protection – both in national and international scales are presented.		
4	Geomorphology - fieldwork	2	spring	<u>Outline:</u> Fieldwork in the geomorphology are intended to familiarize students with the dominant elements of surface relief in the Lublin region. Presented are also the processes shaping the individual elements of the relief including the factors determining their intensity	32 fieldwork classes	Dr Jan Reder
5	Meteorology and hydrology in practice part II	7	spring	<u>Outline:</u> The classes include issues of synoptic meteorology and applied climatology, documentation of groundwater resources, hydrochemistry in environmental studies and natural basis of melioration.	60 lectures 60 classes	Dr. Agnieszka Krzyżewska Dr. Katarzyna Mięsiak-Wójcik Dr Sylwester Wereski Dr hab. Stanisław Chmiel
6	Pedology (soil science) – fieldwork	3	spring	<u>Outline:</u> Fieldwork of soil science aims at digging up soil pits and making the description of the soil layers, which leads to its classification and / or grading with particular emphasis on the geological structure, relief, water relations, vegetation and forms of land use.	32 fieldwork classes	Dr Jacek Chodorowski
7	Geographical regions of Poland - field exercises - Pomorze	6	spring	<u>Outline:</u> Fieldwork in the Kashubian Lake District, and in the Embankment of Gdansk and Koszalin familiarize the student with the guiding characteristics of the geographical environment of macro-regions and their basic functions in the past and present. They demonstrate how human activities are related to the components of the geographical environment and nature conservation.	48 fieldwork classes	Prof. dr hab. Radosław Dobrowolski, prof. dr hab. Sławomir Terpiłowski
8	Geographical regions of Poland - field exercises – Bieszczady or Tatry mountains	4	spring	<u>Outline:</u> Field exercises in Bieszczady or Tatry familiarize student with the leading features of the geographical environment and the basic functions of the region. During fieldwork, students learn about geology, geomorphology, hydrology, climatology, environmental	48 fieldwork classes	Dr Sylwester Wereski/ Dr Jan Reder

				protection, history and cultural heritage as well as the settlement and economy of that part of Poland.		
9	Geographical regions of Poland - field exercises – Świętokrzyskie mountains	2	spring	<u>Outline:</u> Field exercises in Świętokrzyskie mountains familiarize student with the leading features of the geographical environment and the basic functions of the region. During fieldwork, students learn about geology, geomorphology, hydrology, climatology, environmental protection, history and cultural heritage as well as the settlement and economy of that part of Poland	24 fieldwork classes	Dr Renata Kołodyńska - Gawrysiak
10	Information technology in Tourism	3	winter	<u>Outline:</u> The students will develop their skills with computer graphics (GIMP), group work with google documents, website creation (google sites), create virtual tours (Google Earth), edit documents and mail merge in Microsoft Word, calculate travel costs with basic functions and pivot tables in Microsoft Excel, create tourist offers with booking networks and sites.	5 lectures, 25 laboratories	Dr Agnieszka Krzyżewska, Dr Sylwester Wereski
11	Abiotic resources in tourism	6	winter	<u>Outline:</u> This classes focus on climate resources (like spa towns, bioclimatology, extreme events), hydrological resources (oceans, rivers, lakes), geological resources (mountains, geoparks) in tourism. Students can observe those resources during fieldwork.	30 lectures, 30 conversatories	Dr Agnieszka Krzyżewska, Dr Katarzyna Mięsiak-Wójcik, Dr Małgorzata Telecka, Dr Sylwester Wereski
12	Biotic resources in tourism	6	winter	<u>Outline:</u> The course introduce students to most popular tourist natural resources, like botanical gardens, forests, national parks.	30 lectures, 30 conversatories	Prof. dr hab. Ryszard Dębicki, Prof. dr. hab. Irena Pidek Dr Magdalena Suchora,
13	Cultural tourism	6	spring	<u>Outline:</u> This course introduce students the concept of cultural tourism, which is traveler's engagement with a country or region's culture, specifically the lifestyle of the people in those geographical areas, the history of those people, their art, architecture, religion(s), and other elements that helped shape their way of life.	45 lectures, 15 conversatories	Prof. dr hab. Anna Dłużewska Prof. dr hab. Wojciech Ziętara,

14	Client and customers service	5	spring	<p><u>Outline:</u> The course will develop communication skills in different business activities including business etiquette, intercultural communication, negotiation and persuasion. Students will learn how to prepare business correspondence, presentations in formal meetings. Students can develop their teamwork power and custom service skills</p>	15 lectures, 45 conversatories	Prof. dr hab. Anna Dłużewska, Dr Joanna Bielecka-Prus, Dr hab. Andrzej Kapusta, Dr Andrzej Tucki
15	Reservation systems	3	winter	<p><u>Outline:</u> Through our classes, students learn how to operate computer reservation systems, and they study the various types of travelers, transportation systems and vacations available all over the world.</p> <p>The classes include an element of marketing, which shows students the methods used to direct clients to particular destinations. Students examine available transportation options and study the cost of the different activities, including tours, flights and cruises, which can help clients choose destinations that match their travel goals and their budgets. Students become familiar with the ins and outs of the industry, including high and low travel dates and the best time to travel to various locations, as well as how this affects prices and sales. The classes are offered through reservations systems like MerlinX (one of the most popular, national systems used in the industry), Euroticket, Voyager and etc.</p>	30 laboratories	Mgr Monika Widz
16	Global and local challenges in tourism	4	winter	<p><u>Outline:</u> Lectures: international security with a special analysis of threats and challenges in contemporary tourism with a division according to their objective, subjective and temporal character. Students have the opportunity not only to meet main determinants of the countries security in the 21st century, but also understand the correlation between</p>	30 lectures, 30 conversatories	Dr Bartosz Bojarczyk

				<p>the internal situation of the host countries, and the security of tourists staying there. The main focus is on the analysis of political and social security of contemporary people countries and basic processes shaping them in the 21st century. Classes: students have the opportunity to make a comprehensive security analysis of selected countries - characterizing their socio-political systems, and thereby acquiring knowledge of the subject factors shaping them. The whole course aims to show students the complex determinants of security processes that shape the internal situation of states in the 21st century and fundamentally condition international tourism</p>		
17	Tourist services and facilities	3	spring	<p>Outline: The general purpose is that the students at the end of the course will have gained knowledge about the tourism and hospitality sector, and of tourism and hospitality development and management. The topics cover introduction to tourism and hospitality, the main concepts and tourism system, the hospitality business from a service management perspective and the accommodation and other tourist facilities. Development and types of tourist services in a different types of tourist space: urban, rural, attractions.</p>	15 lectures, 30 conversatories	Dr Andrzej Tucki
18	Environmental and social ethics	3	winter	<p><u>Tourist ethics and principles. Social aspects of ethics in tourism. Ethics in tourism – how not to cross the line during disasters. Ecotourism. Cruise Line Tourism. Voluntourism. All-inclusives. Tourism and Animal Ethics. Corporate Social Responsibility and Tourism. Case studies.</u></p>	15 lectures, 15 conversatories	Dr Joanna Sposób, dr Magdalena Suchora
19	Study tour (workshops)	4	spring	<p><u>Outline:</u> Students will be able to know interdisciplinary nature of the tourism and</p>	40 field exercises	Dr Renata Krukowska

				<p>hospitality industry and tourist destinations. The main goal of this workshop is getting to know history, culture, architecture and nature values of selected region of Poland. Participants will learn to recognize opportunities and threats for the development of tourism. An important issue is also getting knowledge about organizing and conducting excursions in relation practical experiences.</p>		
20	Tourist events	3	Spring	<p><u>Outline:</u> The main purpose of this subject is the possibility of participation in one of the most important forms of tourism promotion and the way to advertise to a target market. Trade fairs create a possibility to know a variety of disciplines, either directly or indirectly related to tourism industry. This is great opportunity to meet people involved in tourism industry and also to develop communication skills.</p>	32 field exercises	Dr Andrzej Tucki Dr Renata Krukowska
21	Extreme events and their influence on tourism	4	winter or spring	<p><u>Outline:</u> Extreme event definition. Extreme events (hurricanes, tornadoes, heat and cold waves, heavy rains, windstorms, extreme biometeorological events, floods, avalanches, tsunamis, storms, droughts, catastrophes of tank ships and drilling platforms, collapses of dams) and their influence on human health and tourism industry. Methods of forecasting extreme events. Selected case studies of extreme events and their aftermath.</p>	15 lectures 15 conversatories	Dr Agnieszka Krzyżewska, Dr Katarzyna Mięsiak-Wójcik, Dr Joanna Sposób, Dr Sylwester Wereski
22	Research project	4	winter	<p><u>Outline:</u> This course is dedicated to understanding how to interpret, and make sense of the social world, social process and knowledge production. We will learn about and practice both qualitative and quantitative research methods, including observations, IDI, FGI, survey research. Students will learn how to prepare research tools, analysis data in the area of tourism. They will develop their own</p>	30 conversatories	Dr Magdalena Suchora

				empirical research question(s) and ability to find answers, how to use different tools and approaches to gathering and interpreting data.		
23	Natural heritage of Poland	4	winter or spring	<u>Outline:</u> Outline of the main features of natural environment of Poland important from the point of view of tourism and recreation. An overview of native vegetation preserved in Polish national parks and NATURA 2000 areas. Natural environment of the Lublin region against the background of the whole country. Transboundary protected areas of Eastern Poland as a chance for tourism development based on natural resources	30 lectures	Prof. dr hab. Radosław Dobrowolski, Prof. dr hab. Irena Agnieszka Pidek
24	Public diplomacy and intercultural dialog	4	spring	<u>Outline:</u> The course aims to familiarize students with the basic knowledge of public diplomacy and the principles of intercultural communication. It creates an opportunity to develop skills related to effective and ethical international communication, including in the context of activities in the tourism sector.	30 conversatories	Prof. dr hab. Michał Łuszczuk
25	Financial management and accounting	4	spring	<u>Fundamentals of macroeconomics and microeconomics. Fundamentals of financial management in an enterprise. Organizational forms of running a business and their characteristics. Accounting. Financial analysis. Taxes. Preparation of the balance sheet and profit and loss account and conducting an index analysis of the company's effectiveness. Accounting in tourism - budgeting and settlement of tourist events, tax issues on the basis of income tax and VAT, the concept of "margin", pricing policy of travel agencies. Business Plan - practical development of a business plan for a new business activity in the tourism industry</u>	15 lectures, 30 conversatories	Dr Małgorzata Tarajko

26	Ethnic problems of European space	4	winter or spring	<p><u>Outline:</u> Nation, ethnic group, nationality, citizenship. Legal and political aspects of recognizing ethnic groups and nations. Nationalism in the integration era. Multiple nation-states' Europe versus multiple non-nation-regions' Europe. Ethnicity and democratic rule. Right of nations to self-determination versus right of states to territorial integrity. Muslim minorities in Europe. Euroislam – pros and cons. European versus American model of managing ethnic diversity. Immigration policy in the EU.</p>	30 conversatories	Dr hab. Wojciech Janicki
27	Political geography	2	winter or spring	<p><u>Outline:</u> The subject includes knowledge in the field of political geography, including the concept of the state, its territory and borders, the concept of the nation and political changes in the world.</p>	15 lectures 15 conversatories	Dr hab. Wojciech Janicki
28	Society and development	4	winter or spring	<p><u>Outline:</u> Theories of society and social change. Subjects, determinants and mechanisms of social processes. Conceptions of progress, development and regression. Socio-cultural determinants of economic development patterns. Main contemporary social phenomena and future directions of social development (information society, e-society, social participation, social inclusion, civil society, society and the mechanization/automation). Main global social problems and challenges (demographic changes, migrations, human capital flight, poverty, social disparities, marginalization, social exclusion, human rights issue). Measures of social development, prosperity and quality of life.</p>	15 lectures 15 conversatories	Dr hab. Wojciech Janicki dr Andrzej Jakubowski
29	WEB GIS	1	winter	<p><u>Outline:</u> Web GIS basics and applications. Web services overview. Web Services Standards. Cloud GIS. Data management with ArcGIS Online. ArcGIS Web AppBuilder. Story maps</p>	30 laboratories	Mgr Mateusz Zawadzki

				and more web app templates. Big data, vector tiling, image services and analyses. Building Web GIS with ArcGIS for Server. Elements of Web GIS application. OpenLayers and GeoJSON.		
30	Opensource GIS	4	spring	<u>Outline:</u> Data processing and various analyses using open source GIS application: GRASS GIS and SAGA-GIS. Basics of linux (Ubuntu). Management of different types of GIS data on linux platform. Data exchange between different GIS programs. Spatial analysis using vector and raster data, DEM processing. Introduction to geoprocessing models in GRASS. Graphical and text modes of work using GRASS and SAGA.	30 laboratories 5 lectures	Dr Leszek Gawrysiak
31	Advanced Spatial Analysis	3	winter	<u>Outline:</u> Spatial Analysis focuses on advanced aspects of spatial data analysis, including some of practical aspects of programming for GIS customization. The main issues of course are: Spatial network analysis, scaling and explanatory mechanisms. Computing geomorphometric parameters. Using GIS for hydro-geomorphic analysis. Extraction of landform parameters. DEM manipulations and hydro-geomorphological modelling.	30 laboratories	Dr Łukasz Chabudziński
32	Remote sensing (teledetection)	5	winter	<u>Outline:</u> The basic physical principles of remote sensing, the basic technical principles of satellites, sensors and ground segments in data collection, the properties of the available data from these systems. The principles of digital image processing and manipulation in remote sensing. Analysing digital remote sensing data. Planning and carrying out a field study to support remote sensing. choosing the right data and methodology for remote sensing, with the support of literature, in problem areas concerning soil, vegetation, water and human	30 laboratories 10 lectures	Dr Marcin Siłuch

				usage of these resources. Integrating remote sensing data with other data in geographical information systems		
33	Low Altitude Remote Sensing (UAS)	4	spring	<u>Outline:</u> Sensors and platforms overview. Civilian and remote sensing applications. Sensors calibration. UAS operational requirements. UAS concept of Operation. Data processing software. Generation of digital data products such as ortho-rectified imagery and digital terrain surface. Current rules and regulations governing owning and operating a UAS in Poland. UAS safety, security and privacy issues.	30 laboratories 10 lectures	Dr Piotr Bartmiński
34	Mathematics and statistics in spatial management	4	Winter or spring	<u>Outline:</u> Equations, real functions, probability and related concepts, random variable and its parameters, populations, samples, measures of central tendency; measures of dispersion, data grouped into classes; two-dimensional distributions; scatter plot, correlation coefficient, regression line and prediction, ANOVA	15 lectures 30 laboratories	Dr Małgorzata Telecka

Haven't found the classes that you were looking for?

Looking for classes at master level?

Don't worry!

There are many classes that are in Polish, but it can also be arranged in English.

Please do not hesitate to ask for help with construction learning agreement.

Just write to our Erasmus+ Coordinator:

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