

## BACHELOR IN GEOGRAPHY

**Main Language of Instruction:**  
French  English  Arabic

**Campus Where the Program Is Offered:** CSH

### OBJECTIVES

The Bachelor in Geography aims to:

- Explain the interactions between societies and their environment
- Enable students to analyze spatial phenomena

### PROGRAM LEARNING OUTCOMES (COMPETENCIES)

- Gain advanced knowledge of the Earth's various components
- Enhance proficiency in geographic analysis
- Strengthen expertise in cartographic techniques

### PROGRAM REQUIREMENTS

**180 credits: Required courses (126 credits), Institution's elective courses (18 credits), Open elective courses (6 credits), and USJ General Education Program (32 credits - may be part of the above categories).**

#### **Fundamental courses (180 Cr.)**

##### **Required courses (126 Cr.)**

Internal Dynamics of the Earth (3 Cr.). Introduction to the Environment (3 Cr.). Introduction to Heritage (3 Cr.). Maps and Cartographic Language (3 Cr.). The World, Tourist Spaces (3 Cr.). Landscapes of Lebanon and the Middle East (3 Cr.). Applied Cartography for the Social Sciences and Humanities (3 Cr.). Reading the City (3 Cr.). Migrations: Challenges and International Issues (3 Cr.). The Ottoman Empire in the 19<sup>th</sup>–20<sup>th</sup> Centuries (3 Cr.). Heritage and Heritagization (3 Cr.). Fieldwork (3 Cr.). Structures and Relief (3 Cr.). Beirut: From Destruction to Reconstruction (3 Cr.). Climate Change: Environmental, Human, and Geopolitical Challenges (3 Cr.). Water, Myth, and Tourism (3 Cr.). Map Reading (3 Cr.). Sustainable Development in the 21<sup>st</sup> Century (3 Cr.). The Arab World: Unity and Cultural Diversity (3 Cr.). Telling the Story of the City (3 Cr.). Digital Cartography (3 Cr.). Writing the City: Literary Psychogeography (3 Cr.). Coasts: Challenges and Risks (3 Cr.). Mountain Environments: Challenges and Risks (3 Cr.). Thinking Technology: From Cyber Surveillance to Artificial Intelligence (3 Cr.). Risks and Vulnerability (3 Cr.). Spatial Analysis in Environmental and Tourism Planning (3 Cr.). Water: Resource and Sustainable Development (3 Cr.). Urban Morphology: Structures and Dynamics (3 Cr.). Thematic and Cartographic Design (3 Cr.). Urban Planning (3 Cr.). Paleoenvironments (3 Cr.). Metropolization and Globalization (3 Cr.). Research Paper – Environment and Spatial Planning (3 Cr.). Photo-Interpretation (3 Cr.). Human–Nature Relations (3 Cr.). Stakeholders and Tourism Development (3 Cr.). Responsible Tourism in Lebanon (3 Cr.). Organized Tour Design (3 Cr.). Environmental Impacts of Tourism (3 Cr.). Heritage: Vulnerability and Valorization (3 Cr.). End of Study Project (3 Cr.).

#### **Institution's Elective Courses (18 Cr.), to be chosen from the list below:**

##### **First Semester:**

Korean 1c2 / 3<sup>rd</sup> Part of Level 1 (2 Cr.). Spanish 1a2 / 1<sup>st</sup> Part of Level 1 (2 Cr.). Spanish 1a4 / 1<sup>st</sup> Part of Level 1 (4 Cr.). Spanish 1b2 / 2<sup>nd</sup> Part of Level 1 (2 Cr.). Spanish 1c2 / 3<sup>rd</sup> Part of Level 1 (2 Cr.). Spanish 3a4 / 1<sup>st</sup> Part of Level 3 (4 Cr.). Greek 1a2 / 1<sup>st</sup> Part of Level 1 (2 Cr.). History, Memory, and Heritage (3 Cr.). Introduction to Anthropology (3 Cr.). Introduction to the Study of Society (3 Cr.). Introduction to Public Relations (3 Cr.). Italian 1a2 / 1<sup>st</sup> Part of Level 1 (2 Cr.). The Meaning of History (3 Cr.). Military Archaeological Sites of the Middle East (2 Cr.). FL5 – Literature and Francophonie (3 Cr.). Media and Social Movements (4 Cr.). Mythologies (3 Cr.). Thinking Ethics: Foundations (2 Cr.). Persuasion and Manipulation: A Sociological Approach (3 Cr.). Philosophy, Writing, and Healing (3 Cr.). Public Presentation and Communication (3 Cr.). Literary Issues in the 20th Century (4 Cr.). Viewing Art: 15<sup>th</sup>–19<sup>th</sup> Centuries (3 Cr.). Sociology of Family and Marriage (3 Cr.). Political Sociology (3 Cr.). Theories of International Relations (3 Cr.). Earth's External Dynamics (3 Cr.). Traditional Music of Lebanon (in Arabic) (2 Cr.). Traditional Architecture of

Lebanon (3 Cr.). Audiovisual Techniques (4 Cr.). Archaeology of the Present and the Past (3 Cr.). Remote Sensing: Data, Processing, and Analysis (3 Cr.). Touristic Spaces of the Middle East and Lebanon (3 Cr.).

**Second Semester:**

German 1C2 / 3<sup>rd</sup> Part of Level 1 (2 Cr.). Culture of Antiquity (3 Cr.). Contemporary Economics (3 Cr.). Writing and Thinking America (3 Cr.). Digital Writing (2 Cr.). Writings and Philosophies of War (3 Cr.). Eloquence and Rhetoric (3 Cr.). Business, Society, and Social Responsibility (3 Cr.). Contemporary History of Lebanon (2 Cr.). The Genesis of the Contemporary Middle East (3 Cr.). Popular Literature (3 Cr.). The Lebanese Army: History, Challenges, and Issues (4 Cr.). Contemporary Art (3 Cr.). Modern Art (3 Cr.). Evil in TV Series and Films (3 Cr.). Wars of Independence in the 20<sup>th</sup> Century (3 Cr.). Lebanese Francophone Literature (3 Cr.). World Literatures (3 Cr.). Methods and Approaches in Social Sciences (3 Cr.). Political Philosophy: The Problem of the Social Contract (3 Cr.). Public Relations and External Communication (3 Cr.). Sociology of Communication (3 Cr.). Sociology of Religion (3 Cr.). Society and Risk (2 Cr.). Conferences and Seminars (3 Cr.). Accounting and Finance (3 Cr.). History of Art in Lebanon (3 Cr.). Geomorphological Cartography (3 Cr.). Tourism Marketing and Career Opportunities (3 Cr.). Workplace Learning (4 Cr.).

**Open Elective Courses (6 Cr.)**

**USJ General Education Program (32 Cr.)**

Code	Course Name	Credits
	<b>ENGLISH OR OTHER LANGUAGE</b>	<b>4</b>
011TOANL5	Specialized English	4
	<b>ARABIC</b>	<b>4</b>
	<i>Arabic Language and Culture</i>	<i>4</i>
011SGDVL4	City and Citizen Law (in Arabic)	4
	<b>HUMANITIES</b>	<b>8</b>
064VALEL1	USJ Values in Daily Life	2
	<i>Ethics</i>	<i>2</i>
011PHPEL1	Thinking Ethics: Foundations	2
	<i>Civic Engagement and Citizenship</i>	<i>2</i>
011GESFL1	Society and Risk	2
	<i>Other Humanities Course</i>	<i>2</i>
011HIMCL3	War in the Contemporary World	2
	<b>SOCIAL SCIENCES</b>	<b>6</b>
	<i>Professional Integration and/or Entrepreneurship</i>	<i>3</i>
011SAIPL1	Professional Integration	3
	<i>Other Social Sciences Course</i>	<i>3</i>
011SAESL1	Introduction to the Study of Society	3
	<b>COMMUNICATION TECHNIQUES</b>	<b>4</b>
011LFCEL1	Oral and Written Communication	4
	<b>QUANTITATIVE TECHNIQUES</b>	<b>6</b>
011PSSDL2	Descriptive Statistics in Psychology I	3
011GEM2L6	Quantitative Methods: Processing and Analysis	3

## SUGGESTED STUDY PLAN

### Semester 1

Code	Course Name	Credits
011LFCEL1	Oral and Written Communication	4
011GEDIL1	Internal Dynamics of the Earth	3
011GENSL1	Introduction to the Environment	3
011TOIPL1	Introduction to Heritage	3
011GECAL1	Maps and Cartographic Language	3
011TOLML1	The World, Tourist Spaces	3
011GEPLL1	Landscapes of Lebanon and the Middle East	3
011SAESL1	Introduction to the Study of Society	3
	Institution's Elective Course	2
	Open Elective Course	3
	<b>Total</b>	<b>30</b>

### Semester 2

Code	Course Name	Credits
011GETGL2	Applied Cartography for the Social Sciences and Humanities	3
011GELVL3	Reading the City	3
011GEMIL3	Migrations: Challenges and International Issues	3
011HIE2L2	The Ottoman Empire in the 19 <sup>th</sup> –20 <sup>th</sup> Centuries	3
011GEPLL2	Heritage and Heritagization	3
011TOTEL1	Fieldwork	3
011PSSDL2	Descriptive Statistics in Psychology I	3
011GESRL2	Structures and Relief	3
064VAEL1	USJ Values in Daily Life	2
	Institution's Elective Course	4
	<b>Total</b>	<b>30</b>

### Semester 3

Code	Course Name	Credits
011TODRL4	Beirut: From Destruction to Reconstruction	3
011GECL3	Climate Change: Environmental, Human, and Geopolitical Challenges	3
011GEMTL4	Water, Myth, and Tourism	3
011SAIPL1	Professional Integration	3
011TOCAL5	Map Reading	3
011GEDDL3	Sustainable Development in the 21 <sup>st</sup> Century	3
011SAMAL3	The Arab World: Unity and Cultural Diversity	3
011GERVL3	Telling the Story of the City	3
011PHPEL1	Thinking Ethics: Foundations	2
	Institution's Elective Course	4
	<b>Total</b>	<b>30</b>

#### Semester 4

Code	Course Name	Credits
011GECOL3	Digital Cartography	3
011SGDVL4	City and Citizen Law (in Arabic)	4
011LFEVL2	Writing the City: Literary Psychogeography	3
011HIMCL3	War in the Contemporary World	2
011TOLLL3	Coasts: Challenges and Risks	3
011TOMML4	Mountain Environments: Challenges and Risks	3
011GEM2L6	Quantitative Methods: Processing and Analysis	3
011PHIAL6	Thinking Technology: From Cyber Surveillance to Artificial Intelligence	3
011GERVL4	Risks and Vulnerability	3
	Institution's Elective Course	3
	<b>Total</b>	<b>30</b>

#### Semester 5

Code	Course Name	Credits
011GEAAL4	Spatial Analysis in Environmental and Tourism Planning	3
011GERDL3	Water: Resource and Sustainable Development	3
011GEM2L5	Urban Morphology: Structures and Dynamics	3
011GECC5	Thematic and Cartographic Design	3
011TOADL4	Stakeholders and Tourism Development	3
011TOANL5	Specialized English	4
011TOTRL5	Responsible Tourism in Lebanon	3
	Institution's Elective Course	5
	Open Elective Course	3
	<b>Total</b>	<b>30</b>

#### Semester 6

Code	Course Name	Credits
011GEAUL6	Urban Planning	3
011GEPEL6	Paleoenvironments	3
011GEDUL5	Metropolization and Globalization	3
011GENRL6	Research Paper – Environment and Spatial Planning	3
011GEPHL4	Photo-Interpretation	3
011GEHNL6	Human–Nature Relations	3
011TOTOL6	Organized Tour Design	3
011TOIEL6	Environmental Impacts of Tourism	3
011TOVVL6	Heritage: Vulnerability and Valorization	3
011TODIL6	End of Study Project	3
	<b>Total</b>	<b>30</b>

## COURSE DESCRIPTION

<b>011LFCEL1</b>	<b>Oral and Written Communication</b>	<b>4 Cr.</b>
This course is designed to meet the linguistic needs of USJ students. It first develops their ability to communicate easily, clearly, and effectively in various oral situations, such as spontaneous speech, interviews, presentations, debates, and meetings. It also develops students' writing, reading, and research skills on current topics related to their field of study. By the end of the course, students will be able to prepare and deliver oral presentations for professional purposes and independently write a research paper in class on a current topic, clearly expressing their opinion.		
<b>011GEDIL1</b>	<b>Internal Dynamics of the Earth</b>	<b>3 Cr.</b>
This course teaches students the key concepts, including plate tectonics, and processes related to the Earth's internal structure and dynamics. Students will learn to understand the phenomena that shape the terrestrial environment, particularly the formation of landforms.		
<b>011GENSL1</b>	<b>Introduction to the Environment</b>	<b>3 Cr.</b>
This course contributes to the development of the competency "Mastering fundamental concepts to address a problem in the field."		
<b>011TOIPL1</b>	<b>Introduction to Heritage</b>	<b>3 Cr.</b>
This course fosters students' interest in national and global heritage. It enables them to explore Lebanon's patrimonial wealth through lectures and field visits.		
<b>011SAESL1</b>	<b>Introduction to the Study of Society</b>	<b>3 Cr.</b>
This course provides the essential tools to understand the structure, functioning, and transformations of the social world. Students will acquire the basic concepts of sociology and learn to independently reflect on the interaction between society and the individual.		
<b>011GECAL1</b>	<b>Maps and Cartographic Language</b>	<b>3 Cr.</b>
This course enables students to understand and use maps and to acquire the cartographic language, with its own grammar. It develops the competencies "Using geomatics tools" and "Using tools for environmental and tourism professions."		
<b>011TOLML1</b>	<b>The World, Tourist Spaces</b>	<b>3 Cr.</b>
This course enables students, through a geographic approach to tourism, to analyze the exponential growth of international tourism, identify different tourist spaces, and understand the factors driving their "touristification" to design tourism products suited to specific contexts. It develops the competencies "Integrating a spatial approach," "Understanding local and international tourism," and "Applying tourism practices within local and sustainable development."		
<b>064VALEL1</b>	<b>USJ Values in Daily Life</b>	<b>2 Cr.</b>
This course aims to raise students' awareness of the core values of the Saint Joseph University of Beirut (USJ) and to encourage them to apply these values in their personal, interpersonal, and professional lives. It engages them in a critical reflection on how the principles enshrined in the USJ Charter can influence their behavior, actions, and decisions in addressing the challenges of today's world. Students will also develop an understanding of global issues and ethical responsibilities, preparing them to contribute positively to the building of a better society.		
<b>011GEPLL1</b>	<b>Landscapes of Lebanon and the Middle East</b>	<b>3 Cr.</b>
This course examines the Middle East, located at the crossroads of three continents (Europe, Asia, Africa) in the southwestern part of Asia. It highlights regional characteristics, such as the contrast between humid mountain ranges and vast, semi-arid plateaus. Students will explore this region using iconography, cartographic		

documentation, and Earth observation tools. The course develops the competencies “Mastering the spatial approach” and “Conducting environmental research.”

**011GETGL2      Applied Cartography for the Social Sciences and Humanities      3 Cr.**

This course enables students to master graphic tools and apply various cartographic methods to design and produce effective analytical maps in their fields of study and work. It develops the competencies “Using geomatics tools” and “Using tools for tourism professions.”

**011GELVL3      Reading the City      3 Cr.**

This course enables students to identify and analyze the components and types of urban fabric, providing a foundation for understanding urban form and the socio-economic factors that shape it.

**011GEMIL3      Migrations: Challenges and International Issues      3 Cr.**

This course begins with a brief overview of the different types of migration and their evolution. It then analyzes labor migration and the benefits or challenges it presents in host countries. The course also examines forced or involuntary migration caused by climate change, earthquakes, wars, economic crises, and similar factors. It concludes on an optimistic note by exploring various types of leisure migration.

**011HIE2L2      The Ottoman Empire in the 19<sup>th</sup>–20<sup>th</sup> Centuries      3 Cr.**

This course analyzes the functioning of Ottoman society, characterized by ethnic and religious diversity, and examines how the Ottoman authorities managed this diversity amid increasing European interference. It identifies the religious conflicts that marked this period. The course evaluates the economic and social transformations driven by Ottoman rule, European imperialism, and the introduction of Western modernity. It traces the disintegration of the Empire despite state centralization efforts, in the context of rising nationalism and European imperialism. Finally, it identifies structural challenges that shaped the history of the Middle East in the 20<sup>th</sup> century.

**011GEPLL2      Heritage and Heritagization      3 Cr.**

This course provides an in-depth understanding of heritage in Lebanon, exploring the concepts of heritage and heritagization and their application in the Lebanese context.

**011TOTEL1      Fieldwork      3 Cr.**

This course enables students to develop on-site observation and analysis skills by confronting their theoretical knowledge with real-world field conditions.

**011PSSDL2      Descriptive Statistics in Psychology I      3 Cr.**

This course familiarizes students with statistical vocabulary and the representation of data, including qualitative data, discrete quantitative data, and continuous quantitative data, using tables and diagrams.

**011GESRL2      Structures and Relief      3 Cr.**

This course provides students with an understanding of the relationships between geological structures and landforms and develops skills to apply this knowledge for regional expertise in environmental management and land-use planning.

**011TODRL4      Beirut: From Destruction to Reconstruction      3 Cr.**

This course enables students to study Beirut through urban plans produced in the 20<sup>th</sup> century under different political regimes (Ottoman, French Mandate, Lebanese Republic). Analyzing these plans within their national and regional contexts helps students understand the city’s dense and chaotic landscape. Field visits allow students to assess the urbanization processes affecting Beirut.

<b>011GECL3</b>	<b>Climate Change: Environmental, Human, and Geopolitical Challenges</b>	<b>3 Cr.</b>
This course examines climate as a central component of the natural environment and its influence on human lifestyles. It explores how societies have adapted to and utilized climatic conditions, while also considering how human activities modify the climate, both globally (climate change) and locally (urban pollution). The course addresses current trends in climate change, its potential impacts on societies, and the challenges associated with atmospheric evolution. Students will analyze strategies adopted by countries to mitigate this major 21 <sup>st</sup> -century challenge.		
<b>011GEMTL4</b>	<b>Water, Myth, and Tourism</b>	<b>3 Cr.</b>
This course examines water-related myths across civilizations, exploring its symbolism between life and death, including regeneration, rebirth, and eternal life in funerary rites. It analyzes these myths within their historical and geographical contexts, offering new perspectives for tourism development, particularly in the Middle East and Mediterranean regions.		
<b>011SAIPL1</b>	<b>Professional Integration</b>	<b>3 Cr.</b>
This course prepares students for the professional world by providing guidance, teaching materials, and career perspectives. It supports students in their professional integration by helping them assess their skills, enhance oral and written communication for professional contexts, identify the most suitable career path, and learn to integrate successfully into this new environment.		
<b>011TOCAL5</b>	<b>Map Reading</b>	<b>3 Cr.</b>
This course consists of practical cartography exercises that provide students with a concrete understanding of the environment and develop their working and reasoning methods, analytical skills, and ability to read and interpret maps. It develops the competencies “Mastering the spatial approach,” “Using geomatics tools,” and “Applying knowledge.”		
<b>011GEDDL3</b>	<b>Sustainable Development in the 21<sup>st</sup> Century</b>	<b>3 Cr.</b>
This course examines sustainable development (SD) as an operational concept aimed at promoting well-being by humanizing and ecologizing the economy. It addresses the threats of resource depletion and environmental degradation and envisions a world where poverty, social inequalities, and pressure on nature are eliminated. SD emerged from three key awareness points: the dangers of current lifestyles on the planet, persistent inequalities between humans—particularly between the Global North and South—and concerns about economic development. The course presents SD as a framework for good governance, risk assessment, and guiding political and economic actions to solve complex global problems that intertwine economic, social, and environmental crises. Students will explore the principles, objectives, and practical applications of sustainable development. The course develops the competencies “Addressing and solving environmental problems,” “Conducting environmental research,” and “Applying knowledge.”		
<b>011SAMAL3</b>	<b>The Arab World: Unity and Cultural Diversity</b>	<b>3 Cr.</b>
This course enables students to understand the Arab world through the dynamic lens of its cultures and population identities at both regional (cultural area) and national levels. It analyzes the socio-cultural and political relationships between ethnic and religious groups.		
<b>011GERVL3</b>	<b>Telling the Story of the City</b>	<b>3 Cr.</b>
This course enables undergraduate students to present a tourist site in an urban environment. It teaches them to prepare a guided visit by researching the site, identifying key elements for presentation, writing a descriptive text, and presenting the site orally.		
<b>011GECOL3</b>	<b>Digital Cartography</b>	<b>3 Cr.</b>
This course covers digital cartography.		

<b>011SGDVL4</b>	<b>City and Citizen Law (in Arabic)</b>	<b>4 Cr.</b>
This course introduces the rights and obligations of citizens, their interactions with the police and various security services, and the current laws and regulations in force.		
<b>011LFEVL2</b>	<b>Writing the City: Literary Psychogeography</b>	<b>3 Cr.</b>
This course is a writing workshop.		
<b>011HIMCL3</b>	<b>War in the Contemporary World</b>	<b>2 Cr.</b>
This course is open to all students from different disciplines. It examines the nature, causes, and forms of conflicts in the ancient and contemporary world, as well as the transformations and evolution of the relationship between humans and war today.		
<b>011GERVL4</b>	<b>Risks and Vulnerability</b>	<b>3 Cr.</b>
This course defines the fundamental concepts of risk and vulnerability and provides students with the skills needed to address challenges related to natural and technological risks and the vulnerability of human societies.		
<b>011TOLLL3</b>	<b>Coasts: Challenges and Risks</b>	<b>3 Cr.</b>
This course prepares students to analyze the environmental and socio-economic challenges specific to coastal areas. It equips them to contribute to the sustainable management of these zones and to develop adaptation strategies for rising sea levels.		
<b>011TOMML4</b>	<b>Mountain Environments: Challenges and Risks</b>	<b>3 Cr.</b>
This course teaches students the knowledge needed to understand and assess issues caused by human activities in mountain environments, emphasizing the protection of both the mountain environment and local populations from specific risks.		
<b>011GEM2L6</b>	<b>Quantitative Methods: Processing and Analysis</b>	<b>3 Cr.</b>
This course trains students in quantitative techniques with a spatial dimension, essential for any research involving spatial analysis. It covers basic indicators, geographic distributions, spatial relationships, factor analysis, and classification methods.		
<b>011PHIAL6</b>	<b>Thinking Technology: From Cyber Surveillance to Artificial Intelligence</b>	<b>3 Cr.</b>
This course offers a critical reflection on contemporary technological transformations through the philosophy of technology, drawing on thinkers such as Heidegger, Simondon, Anders, Stiegler, Hannah Arendt, Donna Haraway, Michel Foucault, and Yuk Hui. It examines the human condition in the era of artificial intelligence, digital surveillance, and transhumanism. At the intersection of ontology, ethics, and politics, the course explores human obsolescence, the delegation of knowledge to machines, the automation of emotions, and new forms of algorithmic power. Students will reconsider technology not merely as a tool, but as a transformative force shaping humanity, memory, and social life.		
<b>011GEAAL4</b>	<b>Spatial Analysis in Environmental and Tourism Planning</b>	<b>3 Cr.</b>
This course examines the properties of spatially located objects. It studies location as a factor in explaining the diversity of places and facilitating data analysis. The course teaches how to describe the arrangement of geographic objects, identify their spatial organization, and detect spatial structures using appropriate methods and techniques. Students will analyze how location contributes to understanding the studied objects and explains their characteristics.		
<b>011GERDL3</b>	<b>Water: Resource and Sustainable Development</b>	<b>3 Cr.</b>
This course examines water resources as one of humanity's greatest challenges, alongside climate change. It addresses the uneven and limited distribution of water, the degradation caused by human activities, and the resulting qualitative and quantitative shortages, which can lead to usage conflicts and even geostrategic tensions.		

The course also considers increasing water-related risks, such as floods, and their significant socio-economic impacts. Students will learn approaches for rational and integrated water resource management to preserve this vital heritage.

<b>011GEM2L5</b>	<b>Urban Morphology: Structures and Dynamics</b>	<b>3 Cr.</b>
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This course enables students to understand the current urban explosion, the rapid growth of major cities, and the resulting recent urban transformations through the analysis of macroform, morphogenesis, structure, and evolution. It develops the competency “Memorizing and applying fundamental concepts of environmental geography,” particularly in urban geography, and also helps students acquire the competency “Understanding and interpreting the spatial and systemic approach.”

<b>011GECL5</b>	<b>Thematic and Cartographic Design</b>	<b>3 Cr.</b>
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This course enables students to understand the different stages of cartographic construction and the creation of both analytical and synthetic maps.

<b>011GEAUL6</b>	<b>Urban Planning</b>	<b>3 Cr.</b>
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This course introduces the principles, challenges, and key actors of urban planning.

<b>011GEPEL6</b>	<b>Paleoenvironments</b>	<b>3 Cr.</b>
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This course explores past environments to understand the interdependent relationships between climate, the environment, and living organisms and how these have evolved since the Earth's formation. It emphasizes the study of paleoenvironments, particularly paleoclimates, to gain insights into climate impacts.

<b>011GEDUL5</b>	<b>Metropolisation and Globalization</b>	<b>3 Cr.</b>
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This course defines the concepts of Metropolisation and globalization. It analyzes how globalization strengthens the power of metropolises, examines the spatial dynamics created by the concentration of decision-making functions, and explores the challenges associated with the process of Metropolisation.

<b>011GENRL6</b>	<b>Research Paper – Environment and Spatial Planning</b>	<b>3 Cr.</b>
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This course introduces students to research methods, from formulating a research question to analyzing data. It also aims at producing a structured research paper using scientific sources.

<b>011GEPHL4</b>	<b>Photo-Interpretation</b>	<b>3 Cr.</b>
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This course provides students with the knowledge and skills needed to interpret aerial photographs, detect and analyze surface phenomena and environmental changes, and communicate the results of their observations.

<b>011GEHNL6</b>	<b>Human–Nature Relations</b>	<b>3 Cr.</b>
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This course examines the current ecological crisis threatening humanity, directly linked to human activities. It explores the historical evolution of human–nature relationships to understand the impact of human behavior on the environment and guide new environmental perspectives and actions.

<b>011TOADL4</b>	<b>Stakeholders and Tourism Development</b>	<b>3 Cr.</b>
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This course enables students to understand the relationship between stakeholders and tourism development, define tourism development, identify its key actors, and analyze their roles in the development process.

<b>011TOANL5</b>	<b>Specialized English</b>	<b>4 Cr.</b>
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This course enables students to acquire the discipline's vocabulary in English. It develops oral and written expression in order to prepare students to communicate effectively in English.

**011TOTRL5****Responsible Tourism in Lebanon****3 Cr.**

This course enables students to trace the origins of ecotourism and its evolution up to the 1988 Brundtland Report, the founding act of sustainable development. Through case studies, students will examine the changing attitudes of tourists worldwide that led to responsible tourism. The course also focuses on Lebanon, where students will assess the state of responsible tourism through case studies, meetings, and field visits.

**011TOTOL6****Organized Tour Design****3 Cr.**

This course introduces the various travel actors and operators and trains students to design thoughtful, logical, and diverse tour circuits based on selection criteria. Students will explore points of interest in different countries and tourist destinations and understand the roles and functions of tourism partners to create complete organized travel itineraries.

**011TOIEL6****Environmental Impacts of Tourism****3 Cr.**

This course enables students to identify and assess the specific environmental impacts of tourism. It raises awareness of associated environmental challenges and equips students to work in this field from a sustainability perspective.

**011TOVVL6****Heritage: Vulnerability and Valorization****3 Cr.**

This course enables students to identify pressures on different types of heritage, assess their vulnerabilities, understand the stages of heritage valorization, and propose recommendations for context-appropriate and sustainable tourism development. It develops the competencies “Valorizing heritage,” “Designing a tourism product,” and “Advising on sustainable tourism.”

**011TODIL6****End of Study Project****3 Cr.**

This course supports students in the design and implementation of a professional or academic project, drawing on the skills acquired during the program.

**011PHPEL1****Thinking Ethics: Foundations****2 Cr.**

This course presents philosophy as the study of foundational principles that underpin intellectual constructions and their applications, including all forms of ethics (medical, business, engineering, environmental, etc.). It examines and justifies various ethical foundations proposed throughout the history of philosophical thought, such as knowledge, will, sensitivity, utility, affectivity, and rationality. The course emphasizes the two major ethical approaches—deontological and utilitarian—while also addressing fundamental questions, including the distinction between ethics and morality, the origin of moral inquiry, and the relationship between individual and collective ethics.

**011GESFL1****Society and Risk****2 Cr.**

This course defines the fundamental concepts of risk and vulnerability and provides students with the skills needed to address challenges related to natural and technological risks. It emphasizes the systemic nature of vulnerability, including physical, social, economic, institutional, cultural, and territorial dimensions.