

Master in Geography: General Focus Urban studies (ULB-VUB)

MA-GEOG | M-GEOGE | 2024-2025

The Master in Geography includes three distinct focuses: **territorial development**, **teaching**, **and urban studies**. While they each cover specific contents, these focuses are built around a shared philosophy: enabling students to **acquire the knowledge and methods required to analyse spatial questions while developing their intellectual curiosity and their critical perspective**. To this end, particular emphasis is placed on **active learning**, **field work**, **and work placements**. The Master in Geography takes advantage of the University's **location in Brussels**, encouraging students to reflect on current issues of the city.

The Master with a focus on 'territorial development' is devoted to analysing the structure of territories, their transformations, and development projects at various scales. Particular emphasis is placed on the economic, social, and political dimensions of territorial issues. From a methodological perspective, the programme covers the production, management, analysis, and diffusion of optimal geographical data, with a view to helping students work autonomously. Courses in this focus include lectures on specific topics (political geography, analysis of urban spaces, cultural geography, etc.) and methods (remote sensing, geomarketing, database management, etc.). In addition to lecture classes, students attend seminars where they can work on practical projects in small teams, under supervision. Students complete their curriculum with electives chosen from a wide range of courses in areas such as urban studies, mobility, transportation, tourism, environmental studies, or development.

The Master with a **teaching focus** prepares students to teach geography. Its main purpose is to train skilled teachers who can get students interested in the richness and significance of geographical issues in relation to understanding the world and living as a citizen. Graduates of the teaching focus receive the official title of 'agrégé' (AESS): only graduates of this programme—and holders of an AESS—may teach geography in secondary schools in Belgium. This programme includes courses on geography and didactics, as well as work placements involving teaching in a school environment. This approach blends theory and practice, with field experience, micro-teaching exercises, lesson preparations, organising a school trip, etc., always keeping in mind the creative and rewarding aspects of teaching.

The Master with a focus on **urban studies (Erasmus Mundus programme)** is fully integrated into an international urban studies programme, given entirely in English: the 4Cities Master, organised jointly by universities in Brussels (ULB and VUB), Vienna, Copenhagen, and Madrid (Universidad Complutense and Universidad Autonoma). Students attend common classes in English during both years of the Master, in Brussels and Vienna for the first year, and in Copenhagen and Madrid the second year. Since 2013, this Master has been part of the Erasmus Mundus programme. Enrolment is subject to certain criteria: applications must be sent to the team coordinating the 4Cities programme (see www.4cities.eu).

The Master in Geography with a focus on urban studies is fully given in English, in Brussels. Classes are held at both ULB and VUB, with students receiveing a joint degree upon graduation. This gives them access to a wide range of classes on urban studies (with many electives that let them specialise in topics of interest), as well as to field visits and the opportunity to complete an international work placement or a semester abroad. Please not that this programme is subject to specific access requirements. For more information, visit the programme's website:https:// urbanstudies.brussels/education/msc-urban-studies/msc-urban-studies

#### Bloc 1 | M-GEOGE | MA-GEOG

#### Tronc commun - Cours obligatoires - Bloc 1 (20 crédits)

GEOG-F428	Urban political economy   Mathieu VAN CRIEKINGEN (Coordinator)  ② 5 credits [lecture: 24h, project: 40h]
GEOG-F433	Brussels, reading the city   Benjamin WAYENS (Coordinator), Serge JAUMAIN and Joost VAESEN    • 5 credits [seminars: 24h, field trips: 12h, project: 24h]    • first and second terms    • English
GEOG-F434	Excursions   Benjamin WAYENS (Coordinator)  4 credits [seminars: 6h, field trips: 80h]   second term  French
GEOG-Y071	Global Urban Studies   David BASSENS and Bas VAN HEUR  © 6 credits   first term   French

# Cours spécifiques - Bloc 1 (30 crédits)

GEOG-F429	Urban analysis   Mathieu VAN CRIEKINGEN (Coordinator)  ② 5 credits [lecture: 12h, practical work: 12h, project: 80h]
GEOG-F435	Research design in urban studies   Tatiana DEBROUX (Coordinator)  ① 5 credits [lecture: 12h, tutorial classes: 12h, project: 60h]
GEOG-Y049	Urban History   Wouter RYCKBOSCH and Anne WINTER  © 6 credits   first term   Capplish



GEOG-Y067	Greening the City   Francesc BARO PORRAS
	⊙ 6 credits [lecture: 24h] 🛗 second term 🔎 French
GEOG-Y072	Project Seminar in Applied Urban Research   Bas VAN HEUR
	② 8 credits [lecture: 10h] 🛗 academic year 🔎 French

# Tronc commun - Cours optionnels - Bloc 1 (10 crédits)

ARCH-H400	Sustainable urban Design Studio Ahmed Zaib KHAN MAHSUD (Coordinator) and Hera Van Sande  © 8 credits [workshop: 240h]    first term    English		
ARCH-H406	Post-war history of construction and architecture   Rika DEVOS (Coordinator)  3 5 credits [lecture: 18h, tutorial classes: 6h, practical work: 24h, personal assignments: 12h]    5 credits [lecture: 18h, tutorial classes: 6h, practical work: 24h, personal assignments: 12h]		
ARCH-H502	Theory of architecture and urbanism Ahmed Zaib KHAN MAHSUD (Coordinator)  3 5 credits [lecture: 24h, practical work: 24h, personal assignments: 12h] first term    English		
ENVI-F403	Socio-environmental Dynamics   Maria MANCILLA GARCIA (Coordinator)  ① 5 credits [lecture: 24h, practical work: 12h]   first term   Coordinator   English		
ENVI-F438	Circular Economy   Wouter ACHTEN (Coordinator) and Prakash VENKATESAN  ⊙ 5 credits [lecture: 36h, field trips: 8h, project: 8h]		
GEOG-F432	Internship   Mathieu VAN CRIEKINGEN (Coordinator) and Benjamin WAYENS  ② 15 credits [work placement: 450h]    ☐ first and second terms    ☐ English		
GEOG-Y027	Urban Archeology   Barbora WOUTERS  ① 6 credits		
GEOG-Y028	Criminological encounters   Els ENHUS and Lucas MELGACO  ② 6 credits		
GEOG-Y029	Crime and the City   Els ENHUS and Lucas MELGACO  ② 9 credits		
GEOG-Y030	Economic and Financial Geography   Manuel AALBERS and David BASSENS  ② 6 credits   second term   English		
GEOG-Y034	Theoretical Reflections on Monument Care   Stéphanie VAN DE VOORDE  3 credits first term Senglish		
GEOG-Y035	Sustainable Mobility and Logistics   Joeri VAN MIERLO (Coordinator), Cathy MACHARIS and Philippe LEBEAU  4 6 credits [lecture: 24h] first term    English		
GEOG-Y036	Land Use Planning and Growth Management   Kobe BOUSSAUW  ② 6 credits		
GEOG-Y037	Theory of Urban Planning and Design   Michael RYCKEWAERT  3 credits first term  English		
GEOG-Y039	Design Studio Nele AERNOUTS and Fabio VANIN  ○ 15 credits		
GEOG-Y046	History of Urban Design   Michael RYCKEWAERT  3 credits first term  English		
GEOG-Y047	Landscape Urbanism   Elke VANEMPTEN and Fabio VANIN  3 credits		
GEOG-Y053	StadsSalonsUrbains David BASSENS and Bas VAN HEUR  3 credits [lecture: 75h] first and second terms		
GEOG-Y062	Housing   Nele AERNOUTS		



GEOG-Y063	Design Studio   Nele AERNOUTS and Fabio VANIN  ③ 15 credits [seminars: 36h]
GEOG-Y064	Advanced seminar in Urban studies A Bas VAN HEUR  3 credits [seminars: 24h] first and second terms Finglish
GEOG-Y065	Advanced seminar in Urban studies B   Bas VAN HEUR  ① 6 credits [seminars: 48h]
GEOG-Y068	Introduction to GIS   Fransc BARO  ② 3 credits [lecture: 24h]
GEOG-Y069	Decision Support for Sustainability   Cathy MACHARIS  © 6 credits [lecture: 24h]
GEOG-Y073	European Social and Population Issues   Sylvie GADEYNE  © 6 credits
GEOG-Y074	Migratie en de Multiculturele Samenleving   Pieter-Paul VERHAEGHE  © 6 credits
GEOG-Y075	Actuele bevolkingsvraagstukken en stadsdemografie   Patrick DEBOOSERE  © 6 credits   first term   French
GEOG-Y076	Mobiliteitsplanning   Kobe BOUSSAUW  ② 3 credits
GEST-S449	Social innovation   Marek HUDON (Coordinator)  © 5 credits [lecture: 24h]
MSTL-F601	Géographie des transports et localisation des activités économiques   Frédéric DOBRUSZKES (Coordinator) and Mathieu STRALE  ① 5 credits [lecture: 45h, practical work: 6h]
PROJ-H502	Design project competition   Philippe BOUILLARD (Coordinator) and Vincent GERIN  4 credits [seminars: 30h, project: 90h]
SOCA-D435	Migrant Integration Policies in Europe   Dirk JACOBS (Coordinator)  ⊙ 5 credits [lecture: 36h]
SOCA-D455	Sociologie des mobilités   Pierre LANNOY (Coordinator)  © 5 credits [lecture: 24h] first term French  Ce cours ne sera pas donné en 2021-2022
TOUR-F419	Social and Cultural tourism issues   Anya DIEKMANN (Coordinator)  3 5 credits [lecture: 24h, practical work: 12h, project: 42h]
URBA-H500	Infrastructure and Mobility   Philippe BOUILLARD (Coordinator)  © 5 credits [lecture: 24h, tutorial classes: 12h, field trips: 30h, personal assignments: 30h]
URBA-H9009	Urban Sustainability and circular Economy   Ahmed Zaib KHAN MAHSUD (Coordinator) and Aristide ATHANASSIADIS  ⊙ 5 credits [lecture: 24h, tutorial classes: 24h, personal assignments: 30h]
URBA-P9006	Atelier urbanisme - Bruxelles   Geoffrey Grulois (Coordinator) and Yves ROUYET  10 10 credits [project: 144h]
	Module 1 - Urban History
GEOG-Y027	Urban Archeology   Barbora WOUTERS  ② 6 credits
GEOG-Y049	Urban History   Wouter RYCKBOSCH and Anne WINTER  ② 6 credits
	Module 2 - Urban Criminology
GEOG-Y028	Criminological encounters   Els ENHUS and Lucas MELGACO  ⊙ 6 credits



GEOG-Y068

GEOG-Y069

Introduction to GIS | Fransc BARO

② 3 credits [lecture: 24h] 🛗 first term 🔎 French

Decision Support for Sustainability | Cathy MACHARIS

#### Module 3 - Urban Geography GEOG-Y030 Economic and Financial Geography | Manuel AALBERS and David BASSENS GEOG-Y062 Housing | Nele AERNOUTS GEOG-Y067 Greening the City | Francesc BARO PORRAS Module 4 - Urban Architecture GEOG-Y034 Theoretical Reflections on Monument Care | Stéphanie VAN DE VOORDE ② 3 credits 🛗 first term 🔎 English Module 5 - Urban Planning and Mobility GEOG-Y035 Sustainable Mobility and Logistics | Joeri VAN MIERLO (Coordinator), Cathy MACHARIS and Philippe LEBEAU GEOG-Y036 Land Use Planning and Growth Management | Kobe BOUSSAUW ② 6 credits 🛗 second term 🔎 English Infrastructure and Mobility | Philippe BOUILLARD (Coordinator) ⊙ 5 credits [lecture: 24h, tutorial classes: 12h, field trips: 30h, personal assignments: 30h] 🛗 second term 🔑 English Module 6 - Urban Design I Sustainable urban Design Studio | Ahmed Zaib KHAN MAHSUD (Coordinator) and Hera Van Sande GEOG-Y037 Theory of Urban Planning and Design | Michael RYCKEWAERT ② 3 credits 🛗 first term 🔎 English URBA-P9006 Atelier urbanisme - Bruxelles | Geoffrey Grulois (Coordinator) and Yves ROUYET ② 10 credits [project: 144h] 🛗 first term 🔘 French Module 7 - Urban Design II GEOG-Y063 Design Studio | Nele AERNOUTS and Fabio VANIN ② 15 credits [seminars: 36h] 🛗 second term 🔎 English Module 8 - Internship GEOG-F432 Internship | Mathieu VAN CRIEKINGEN (Coordinator) and Benjamin WAYENS ● 15 credits [work placement: 450h] first and second terms English Autres cours Au besoin, choisir un ou des cours dans la liste suivante afin d'arriver à un total de 60 crédits, 64 au maximum, moyennant l'approbation du jury GEOG-Y046 History of Urban Design | Michael RYCKEWAERT ② 3 credits 🛗 first term 🔎 English GEOG-Y047 Landscape Urbanism | Elke VANEMPTEN and Fabio VANIN ② 3 credits 🛗 second term 🔎 English GF0G-Y064 Advanced seminar in Urban studies A | Bas VAN HEUR ② 3 credits [seminars: 24h] 🏻 🛗 first and second terms 🔝 English GEOG-Y065 Advanced seminar in Urban studies B | Bas VAN HEUR



PROJ-H502	Design project competition	Philippe BOUILLARD	(Coordinator) and Vincent GERIN

SOCA-D455 Sociologie des mobilités | Pierre LANNOY (Coordinator)

② 5 credits [lecture: 24h] 🛗 first term 🔎 French

Ce cours ne sera pas donné en 2021-2022

#### Formation complémentaire

Au besoin, choisir un ou des cours dans la liste suivante afin d'arriver à un total de 60 crédits, moyennant l'approbation du jury

TEMP-0000 Cours extérieurs au programme

② 3 credits 🛗 academic year 🔎 French



# Master in Geography : General Focus Urban studies (ULB-VUB)

#### Bloc 2 | M-GEOGE | MA-GEOG

# Tronc commun - Cours obligatoires - Bloc 2 (30 crédits)

MEMO-F540 **Masters thesis** 

② 30 credits [mfe/tfe: 600h] first and second terms

# Tronc commun - Cours optionnels - Bloc 2 (30 crédits)

ARCH-H400	Sustainable urban Design Studio   Ahmed Zaib KHAN MAHSUD (Coordinator) and Hera Van Sande  3 8 credits [workshop: 240h] first term Senglish		
ARCH-H406	Post-war history of construction and architecture Rika DEVOS (Coordinator)  3 5 credits [lecture: 18h, tutorial classes: 6h, practical work: 24h, personal assignments: 12h]   Second term   English		
ARCH-H502	Theory of architecture and urbanism Ahmed Zaib KHAN MAHSUD (Coordinator)  3 5 credits [lecture: 24h, practical work: 24h, personal assignments: 12h] first term  English		
ENVI-F403	Socio-environmental Dynamics   Maria MANCILLA GARCIA (Coordinator)  ① 5 credits [lecture: 24h, practical work: 12h]		
ENVI-F438	Circular Economy   Wouter ACHTEN (Coordinator) and Prakash VENKATESAN  • 5 credits [lecture: 36h, field trips: 8h, project: 8h]		
GEOG-F432	Internship   Mathieu VAN CRIEKINGEN (Coordinator) and Benjamin WAYENS  ① 15 credits [work placement: 450h]        first and second terms    English		
GEOG-Y027	Urban Archeology   Barbora WOUTERS  ② 6 credits		
GEOG-Y028	Criminological encounters   Els ENHUS and Lucas MELGACO  ② 6 credits		
GEOG-Y029	Crime and the City   Els ENHUS and Lucas MELGACO  9 credits first term		
GEOG-Y030	Economic and Financial Geography   Manuel AALBERS and David BASSENS  ① 6 credits		
GEOG-Y034	Theoretical Reflections on Monument Care   Stéphanie VAN DE VOORDE  3 credits first term Senglish		
GEOG-Y035	Sustainable Mobility and Logistics   Joeri VAN MIERLO (Coordinator), Cathy MACHARIS and Philippe LEBEAU @ 6 credits [lecture: 24h]		
GEOG-Y036	Land Use Planning and Growth Management   Kobe BOUSSAUW  1 6 credits		
GEOG-Y037	Theory of Urban Planning and Design   Michael RYCKEWAERT  3 credits first term		
GEOG-Y039	Design Studio Nele AERNOUTS and Fabio VANIN  15 credits		
GEOG-Y046	History of Urban Design   Michael RYCKEWAERT  3 credits first term penglish		



GEOG-Y047	Landscape Urbanism   Elke VANEMPTEN and Fabio VANIN  ② 3 credits
GEOG-Y053	StadsSalonsUrbains   David BASSENS and Bas VAN HEUR  3 credits [lecture: 75h] first and second terms
GEOG-Y062	Housing Nele AERNOUTS  ③ 3 credits [lecture: 24h]
GEOG-Y063	Design Studio   Nele AERNOUTS and Fabio VANIN  ② 15 credits [seminars: 36h]    ☐ second term    ☐ English
GEOG-Y064	Advanced seminar in Urban studies A   Bas VAN HEUR  3 credits [seminars: 24h] first and second terms  English
GEOG-Y065	Advanced seminar in Urban studies B   Bas VAN HEUR  ① 6 credits [seminars: 48h]
GEOG-Y068	Introduction to GIS   Fransc BARO  ③ 3 credits [lecture: 24h]
GEOG-Y069	Decision Support for Sustainability   Cathy MACHARIS  © 6 credits [lecture: 24h]
GEOG-Y073	European Social and Population Issues   Sylvie GADEYNE  © 6 credits
GEOG-Y074	Migratie en de Multiculturele Samenleving   Pieter-Paul VERHAEGHE  ⊙ 6 credits
GEOG-Y075	Actuele bevolkingsvraagstukken en stadsdemografie   Patrick DEBOOSERE  © 6 credits
GEOG-Y076	Mobiliteitsplanning   Kobe BOUSSAUW  ③ 3 credits
GEST-S449	Social innovation   Marek HUDON (Coordinator)  • 5 credits [lecture: 24h]
MSTL-F601	Géographie des transports et localisation des activités économiques   Frédéric DOBRUSZKES (Coordinator) and Mathieu STRALE  © 5 credits [lecture: 45h, practical work: 6h]    first term    French
PROJ-H502	Design project competition   Philippe BOUILLARD (Coordinator) and Vincent GERIN  ② 4 credits [seminars: 30h, project: 90h]
SOCA-D435	Migrant Integration Policies in Europe   Dirk JACOBS (Coordinator)  ⊙ 5 credits [lecture: 36h]
SOCA-D455	Sociologie des mobilités   Pierre LANNOY (Coordinator)  • 5 credits [lecture: 24h]    first term    French  Ce cours ne sera pas donné en 2021-2022
TOUR-F419	Social and Cultural tourism issues Anya DIEKMANN (Coordinator)  • 5 credits [lecture: 24h, practical work: 12h, project: 42h]
URBA-H500	Infrastructure and Mobility   Philippe BOUILLARD (Coordinator)  3 5 credits [lecture: 24h, tutorial classes: 12h, field trips: 30h, personal assignments: 30h]
URBA-H9009	Urban Sustainability and circular Economy   Ahmed Zaib KHAN MAHSUD (Coordinator) and Aristide ATHANASSIADIS  • 5 credits [lecture: 24h, tutorial classes: 24h, personal assignments: 30h]  • first term   • English
URBA-P9006	Atelier urbanisme - Bruxelles   Geoffrey Grulois (Coordinator) and Yves ROUYET  10 10 credits [project: 144h]   first term   French



#### Module 1 - Urban History GEOG-Y027 Urban Archeology | Barbora WOUTERS ② 6 credits 🛗 second term 🔎 English GEOG-Y049 Urban History | Wouter RYCKBOSCH and Anne WINTER Module 2 - Urban Criminology GEOG-Y028 Criminological encounters | Els ENHUS and Lucas MELGACO Module 3 - Urban Geography Economic and Financial Geography | Manuel AALBERS and David BASSENS GEOG-Y030 ② 6 credits 🛗 second term 🔎 English GEOG-Y062 Housing | Nele AERNOUTS GEOG-Y067 Greening the City | Francesc BARO PORRAS Module 4 - Urban Architecture GEOG-Y034 Theoretical Reflections on Monument Care | Stéphanie VAN DE VOORDE ② 3 credits 🛗 first term 🔎 English Module 5 - Urban Planning and Mobility GEOG-Y035 Sustainable Mobility and Logistics | Joeri VAN MIERLO (Coordinator), Cathy MACHARIS and Philippe LEBEAU GEOG-Y036 Land Use Planning and Growth Management | Kobe BOUSSAUW Infrastructure and Mobility | Philippe BOUILLARD (Coordinator) 🕑 5 credits [lecture: 24h, tutorial classes: 12h, field trips: 30h, personal assignments: 30h] 🛮 🗂 second term 💢 English Module 6 - Urban Design I ARCH-H400 Sustainable urban Design Studio Ahmed Zaib KHAN MAHSUD (Coordinator) and Hera Van Sande GEOG-Y037 Theory of Urban Planning and Design | Michael RYCKEWAERT ② 3 credits 🛗 first term 🔎 English URBA-P9006 Atelier urbanisme - Bruxelles | Geoffrey Grulois (Coordinator) and Yves ROUYET ② 10 credits [project: 144h] 🛗 first term 🔘 French Module 7 - Urban Design II GEOG-Y037 Theory of Urban Planning and Design | Michael RYCKEWAERT GEOG-Y039 Design Studio | Nele AERNOUTS and Fabio VANIN GEOG-Y063 Design Studio | Nele AERNOUTS and Fabio VANIN Module 8 - Internship GEOG-F432 Internship | Mathieu VAN CRIEKINGEN (Coordinator) and Benjamin WAYENS ● 15 credits [work placement: 450h] first and second terms English



#### **Autres cours**

Au besoin, choisi	r un ou des cours dans la liste suivante afin d'arriver à un total de 60 crédits, 64 au maximum, moyennant l'approbation du jury
GEOG-Y046	History of Urban Design   Michael RYCKEWAERT  ② 3 credits
GEOG-Y047	Landscape Urbanism   Elke VANEMPTEN and Fabio VANIN  ② 3 credits
GEOG-Y064	Advanced seminar in Urban studies A   Bas VAN HEUR  3 credits [seminars: 24h] first and second terms  English
GEOG-Y065	Advanced seminar in Urban studies B   Bas VAN HEUR  ① 6 credits [seminars: 48h]
GEOG-Y068	Introduction to GIS   Fransc BARO  ③ 3 credits [lecture: 24h]
GEOG-Y069	Decision Support for Sustainability   Cathy MACHARIS  ① 6 credits [lecture: 24h]
PROJ-H502	Design project competition Philippe BOUILLARD (Coordinator) and Vincent GERIN  ② 4 credits [seminars: 30h, project: 90h]
SOCA-D455	Sociologie des mobilités   Pierre LANNOY (Coordinator)  ① 5 credits [lecture: 24h]

#### Formation complémentaire

Au besoin, choisir un ou des cours dans la liste suivante afin d'arriver à un total de 60 crédits, moyennant l'approbation du jury

