



Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E046171 Soil Mechanics	lecture seminar: coached exercises	written examination with open questions	The student identifies the physical, hydraulic and mechanical properties of different types of soils. The student designs a shallow or deep foundation for a simple construction project. The student interprets the measurement data of laboratory and in-situ soil investigation.
E052413 Reinforced and Prestressed Concrete	lecture seminar: coached exercises	written examination oral examination	Analyse the force transfer in disturbed regions by means of strut-and-tie models. Justify the proposed solution. Selection of the dimensions of linear concrete members and calculation of the required reinforcement areas based on the internal forces in the ultimate limit state. Have insight in the general design philosophy of concrete structures in the framework of the semi-probabilistic safety format. Identify and characterize the relevant limit states. Practical evaluation of concrete stresses, crack widths and deflections in the serviceability limit states. Develop the moment-curvature relationship of reinforced concrete sections as a tool for the prediction of the deformation behaviour of linear elements including the time-dependent aspects. Substantiate the ultimate behaviour of linear reinforced concrete members (columns and beams) submitted to compression, bending, compound bending, shear and torsion by means of appropriate design models. Assessment of the load-bearing capacity of existing concrete structures by checking the relevant ultimate limit states. Elucidate the interaction mechanisms between reinforcement and concrete (equivalent concrete section, bond, cracking, anchorage).
E084520 Theory of Urban Design	lecture	oral examination assignment	A critical understanding of the coherence between the notions 'theory', 'city' (or 'urbanization') and 'design'. A critical and reflective attitude regarding the involvement of the architect in the urban project. Being capable to develop a discourse about urban projects based on a broad set of literature and references. Being capable of situating Flemish urban projects in a broader international story with a long-term historical perspective, beyond efficiency and unambiguous purposiveness.
E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E080011 History and Theory of non-European Urbanism and Architecture	lecture online seminar self-reliant study activities practicum online discussion group		Be able to develop a personal, critical reflection on a given or self chosen theme related to the domain of knowledge Be able to address the complexity and diversity of the current debates on the theory and historiography of the related domain of knowledge Be able to report in English, both orally and in written form, a personal, critical reflection on a topic linked to the domain of knowledge. Possess the research skills needed to do so (tracing literature, defining a bibliography, using footnotes and an academic writing style,...) Have insight in the development of the non-European city from the late 19th century onwards and be able to name and discuss relevant themes and concepts related to the topic (using an apt terminology)
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar	written examination with open questions assignment	have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders
E084571 Urban Analysis and Design	lecture online lecture	oral examination assignment	Explain key urban analytical concepts Present a critical attitude towards the urban implications of conceptual and designerly choices (only for course offering of 6 ECTS) Critically evaluate urban analytical studies Understand the urbanistic meaning of specific spatial forms of representation (only for course offering of 6 ECTS) Distinguish various approaches towards the urban question and interpret the implications for urban planning and design (only for course offering of 6 ECTS) Identify conceptual relations between descriptive and normative positions Explain qualitative research methods and apply these indepently
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

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E050942 Fire Protection of Buildings	excursion lecture	open book examination oral examination	To gain insight into the fire safety aspects to consider during the design and construction process of buildings: active and passive fire protection, evacuation and Fire Safety Engineering To gain insight in the dynamics of smoke and fire in the built environment.
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

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E084571 Urban Analysis and Design	lecture online lecture	oral examination assignment	Explain key urban analytical concepts Present a critical attitude towards the urban implications of conceptual and designerly choices (only for course offering of 6 ECTS) Critically evaluate urban analytical studies Understand the urbanistic meaning of specific spatial forms of representation (only for course offering of 6 ECTS) Distinguish various approaches towards the urban question and interpret the implications for urban planning and design (only for course offering of 6 ECTS) Identify conceptual relations between descriptive and normative positions Explain qualitative research methods and apply these indepently
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E084212 Theory of Urbanism	lecture seminar: coached exercises	assignment report	Situate urban concepts, paradigms, theories, images and schema's within theories and literature of urbanism. Analyse and approach in a critical way theoretical concepts, paradigms and discourses in urbanism. Compare and link in a critical way concepts, paradigms, images and schema's of urbanism to other concepts, images and schema's. Analyse theories and accompanying images and texts of urbanism and identify their underlying concepts and paradigms. Have an overview of the main references in theory of urbanism.
E080011 History and Theory of non-European Urbanism and Architecture	lecture	oral examination report	Be able to develop a personal, critical reflection on a given or self chosen theme related to the domain of knowledge Be able to address the complexity and diversity of the current debates on the theory and historiography of the related domain of knowledge Be able to report in English, both orally and in written form, a personal, critical reflection on a topic linked to the domain of knowledge. Possess the research skills needed to do so (tracing literature, defining a bibliography, using footnotes and an academic writing style,...) Have insight in the development of the non-European city from the late 19th century onwards and be able to name and discuss relevant themes and concepts related to the topic (using an apt terminology)
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E076621 Principles of Law and Construction Law	lecture lecture: response lecture	oral examination	The student understands principles of insurance and damages. The student is able to use the relevant sources. The student can situate contracting law within the general contracting law. The student can apply the concepts to a case. The student knows the procedures for government issued tendering.
E083940 Professional Practice: Deontology for the Architect Engineer	excursion lecture	oral examination	To gain insight into the practical aspects of the architect's profession
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar	written examination with open questions assignment	have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders

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E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
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E080011 History and Theory of non-European Urbanism and Architecture	lecture online seminar self-reliant study activities practicum online discussion group	oral examination report	Be able to develop a personal, critical reflection on a given or self chosen theme related to the domain of knowledge Be able to address the complexity and diversity of the current debates on the theory and historiography of the related domain of knowledge Be able to report in English, both orally and in written form, a personal, critical reflection on a topic linked to the domain of knowledge. Possess the research skills needed to do so (tracing literature, defining a bibliography, using footnotes and an academic writing style,...) Have insight in the development of the non-European city from the late 19th century onwards and be able to name and discuss relevant themes and concepts related to the topic (using an apt terminology)
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E084212 Theory of Urbanism	lecture seminar: coached exercises	assignment report	Situate urban concepts, paradigms, theories, images and schema's within theories and literature of urbanism. Analyse and approach in a critical way theoretical concepts, paradigms and discourses in urbanism. Compare and link in a critical way concepts, paradigms, images and schema's of urbanism to other concepts, images and schema's. Analyse theories and accompanying images and texts of urbanism and identify their underlying concepts and paradigms. Have an overview of the main references in theory of urbanism.
E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
E080011 History and Theory of non-European Urbanism and Architecture	lecture practicum	oral examination report	Be able to develop a personal, critical reflection on a given or self chosen theme related to the domain of knowledge Be able to address the complexity and diversity of the current debates on the theory and historiography of the related domain of knowledge Be able to report in English, both orally and in written form, a personal, critical reflection on a topic linked to the domain of knowledge. Possess the research skills needed to do so (tracing literature, defining a bibliography, using footnotes and an academic writing style,...) Have insight in the development of the non-European city from the late 19th century onwards and be able to name and discuss relevant themes and concepts related to the topic (using an apt terminonology)
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E084571 Urban Analysis and Design	lecture online lecture	oral examination assignment	Explain key urban analytical concepts Present a critical attitude towards the urban implications of conceptual and designerly choices (only for course offering of 6 ECTS) Critically evaluate urban analytical studies Understand the urbanistic meaning of specific spatial forms of representation (only for course offering of 6 ECTS) Distinguish various approaches towards the urban question and interpret the implications for urban planning and design (only for course offering of 6 ECTS) Identify conceptual relations between descriptive and normative positions Explain qualitative research methods and apply these independently
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E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	<p>Come to an accurate design concept on the scale of urban planning.</p> <p>Collaborate in group with the intention to converge to a single design proposal.</p> <p>Clearly and convincingly communicate on urban design, based on argumentation.</p> <p>Relate urban analysis, concept and urban design in an integrated and iterative way.</p>
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E084212 Theory of Urbanism	lecture seminar: coached exercises	assignment report	Situate urban concepts, paradigms, theories, images and schema's within theories and literature of urbanism. Analyse and approach in a critical way theoretical concepts, paradigms and discourses in urbanism. Compare and link in a critical way concepts, paradigms, images and schema's of urbanism to other concepts, images and schema's. Analyse theories and accompanying images and texts of urbanism and identify their underlying concepts and paradigms. Have an overview of the main references in theory of urbanism.
E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E080011 History and Theory of non-European Urbanism and Architecture	lecture practicum	oral examination report	Be able to develop a personal, critical reflection on a given or self chosen theme related to the domain of knowledge Be able to address the complexity and diversity of the current debates on the theory and historiography of the related domain of knowledge Be able to report in English, both orally and in written form, a personal, critical reflection on a topic linked to the domain of knowledge. Possess the research skills needed to do so (tracing literature, defining a bibliography, using footnotes and an academic writing style,...) Have insight in the development of the non-European city from the late 19th century onwards and be able to name and discuss relevant themes and concepts related to the topic (using an apt terminonology)
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar	written examination with open questions assignment	have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E084520 Theory of Urban Design	lecture	oral examination assignment	A critical understanding of the coherence between the notions 'theory', 'city' (or 'urbanization') and 'design'. A critical and reflective attitude regarding the involvement of the architect in the urban project. Being capable to develop a discourse about urban projects based on a broad set of literature and references. Being capable of situating Flemish urban projects in a broader international story with a long-term historical perspective, beyond efficiency and unambiguous purposiveness.
E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar	written examination with open questions assignment	have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders
E084571 Urban Analysis and Design	lecture online lecture		Explain key urban analytical concepts Present a critical attitude towards the urban implications of conceptual and designerly choices (only for course offering of 6 ECTS) Critically evaluate urban analytical studies Understand the urbanistic meaning of specific spatial forms of representation (only for course offering of 6 ECTS) Distinguish various approaches towards the urban question and interpret the implications for urban planning and design (only for course offering of 6 ECTS) Identify conceptual relations between descriptive and normative positions Explain qualitative research methods and apply these indepently
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E084520 Theory of Urban Design	lecture	oral examination assignment	A critical understanding of the coherence between the notions 'theory', 'city' (or 'urbanization') and 'design'. A critical and reflective attitude regarding the involvement of the architect in the urban project. Being capable to develop a discourse about urban projects based on a broad set of literature and references. Being capable of situating Flemish urban projects in a broader international story with a long-term historical perspective, beyond efficiency and unambiguous purposiveness.
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E052413 Reinforced and Prestressed Concrete	lecture seminar: coached exercises	written examination oral examination	Analyse the force transfer in disturbed regions by means of strut-and-tie models. Justify the proposed solution. Selection of the dimensions of linear concrete members and calculation of the required reinforcement areas based on the internal forces in the ultimate limit state. Have insight in the general design philosophy of concrete structures in the framework of the semi-probabilistic safety format. Identify and characterize the relevant limit states. Practical evaluation of concrete stresses, crack widths and deflections in the serviceability limit states. Develop the moment-curvature relationship of reinforced concrete sections as a tool for the prediction of the deformation behaviour of linear elements including the time-dependent aspects. Substantiate the ultimate behaviour of linear reinforced concrete members (columns and beams) submitted to compression, bending, compound bending, shear and torsion by means of appropriate design models. Assessment of the load-bearing capacity of existing concrete structures by checking the relevant ultimate limit states. Elucidate the interaction mechanisms between reinforcement and concrete (equivalent concrete section, bond, cracking, anchorage).
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E050942 Fire Protection of Buildings	excursion lecture	open book examination oral examination	To gain insight into the fire safety aspects to consider during the design and construction process of buildings: active and passive fire protection, evacuation and Fire Safety Engineering To gain insight in the dynamics of smoke and fire in the built environment.
E084212 Theory of Urbanism	lecture seminar: coached exercises	assignment report	Situate urban concepts, paradigms, theories, images and schema's within theories and literature of urbanism. Analyse and approach in a critical way theoretical concepts, paradigms and discourses in urbanism. Compare and link in a critical way concepts, paradigms, images and schema's of urbanism to other concepts, images and schema's. Analyse theories and accompanying images and texts of urbanism and identify their underlying concepts and paradigms. Have an overview of the main references in theory of urbanism.
E080011 History and Theory of non-European Urbanism and Architecture	lecture practicum	oral examination report	Be able to develop a personal, critical reflection on a given or self chosen theme related to the domain of knowledge Be able to address the complexity and diversity of the current debates on the theory and historiography of the related domain of knowledge Be able to report in English, both orally and in written form, a personal, critical reflection on a topic linked to the domain of knowledge. Possess the research skills needed to do so (tracing literature, defining a bibliography, using footnotes and an academic writing style,...) Have insight in the development of the non-European city from the late 19th century onwards and be able to name and discuss relevant themes and concepts related to the topic (using an apt terminology)
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar		have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders
E084571 Urban Analysis and Design	lecture online lecture		Explain key urban analytical concepts Present a critical attitude towards the urban implications of conceptual and designerly choices (only for course offering of 6 ECTS) Critically evaluate urban analytical studies Understand the urbanistic meaning of specific spatial forms of representation (only for course offering of 6 ECTS) Distinguish various approaches towards the urban question and interpret the implications for urban planning and design (only for course offering of 6 ECTS) Identify conceptual relations between descriptive and normative positions Explain qualitative research methods and apply these indepently
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities		Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar	written examination with open questions assignment	have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders

Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E084520 Theory of Urban Design	lecture	oral examination assignment	A critical understanding of the coherence between the notions 'theory', 'city' (or 'urbanization') and 'design'. A critical and reflective attitude regarding the involvement of the architect in the urban project. Being capable to develop a discourse about urban projects based on a broad set of literature and references. Being capable of situating Flemish urban projects in a broader international story with a long-term historical perspective, beyond efficiency and unambiguous purposiveness.
E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar	written examination with open questions assignment	have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
E076621 Principles of Law and Construction Law	lecture lecture: response lecture		The student understands principles of insurance and damages. The student is able to use the relevant sources. The student can situate contracting law within the general contracting law. The student can apply the concepts to a case. The student knows the procedures for government issued tendering.
E083940 Professional Practice: Deontology for the Architect Engineer	excursion lecture		To gain insight into the practical aspects of the architect's profession
E084520 Theory of Urban Design	lecture	oral examination assignment	A critical understanding of the coherence between the notions 'theory', 'city' (or 'urbanization') and 'design'. A critical and reflective attitude regarding the involvement of the architect in the urban project. Being capable to develop a discourse about urban projects based on a broad set of literature and references. Being capable of situating Flemish urban projects in a broader international story with a long-term historical perspective, beyond efficiency and unambiguous purposiveness.
E086611 Mobility, Spatial Planning and Urban Design of Infrastructure	lecture seminar	written examination oral examination	Knowledge and understanding sustainable mobility and its building blocks Research as part of a team on a specific mobility issue, traffic design and presentation Ability to develop integrated planning and design concepts on mobility, infrastructure and space on a local and urban scale Basic knowledge on traffic research techniques Understanding of the relation between mobility, spatial planning and infrastructure Knowing relevant paradigms, instruments relating mobility, spatial planning en infrastructure and a local and urban scale
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E080011 History and Theory of non-European Urbanism and Architecture	lecture online seminar self-reliant study activities practicum online discussion group	oral examination report	Be able to develop a personal, critical reflection on a given or self chosen theme related to the domain of knowledge Be able to address the complexity and diversity of the current debates on the theory and historiography of the related domain of knowledge Be able to report in English, both orally and in written form, a personal, critical reflection on a topic linked to the domain of knowledge. Possess the research skills needed to do so (tracing literature, defining a bibliography, using footnotes and an academic writing style,...) Have insight in the development of the non-European city from the late 19th century onwards and be able to name and discuss relevant themes and concepts related to the topic (using an apt terminology)
E085740 Instruments for Spatial Policy	lecture online seminar: coached exercises online integration seminar online lecture seminar: coached exercises integration seminar		have insight into the coherence and mutual interaction with other disciplines and into the relationship between instruments and social context knowledge of the european planning context knowledge of the content, the juridical importance and the most essential aspects of the historical and current planning instruments in Flanders being able to analyse a current plan, to create elements of a new spatial plan. being aware of the importance of spatial planning for the realisation of a qualitative environment in the future. knowledge of the key concepts of spatial planning in Flanders
E084571 Urban Analysis and Design	lecture online lecture		Explain key urban analytical concepts Present a critical attitude towards the urban implications of conceptual and designerly choices (only for course offering of 6 ECTS) Critically evaluate urban analytical studies Understand the urbanistic meaning of specific spatial forms of representation (only for course offering of 6 ECTS) Distinguish various approaches towards the urban question and interpret the implications for urban planning and design (only for course offering of 6 ECTS) Identify conceptual relations between descriptive and normative positions Explain qualitative research methods and apply these indepently
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

Course	Teaching methods	Evaluation methods	Course learning outcome
<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E076621 Principles of Law and Construction Law	lecture lecture: response lecture	oral examination	The student understands principles of insurance and damages. The student is able to use the relevant sources. The student can situate contracting law within the general contracting law. The student can apply the concepts to a case. The student knows the procedures for government issued tendering.
E083940 Professional Practice: Deontology for the Architect Engineer	excursion lecture		To gain insight into the practical aspects of the architect's profession
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

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<i>Noot: leer- en evaluatievormen voorafgegaan door ** werden niet teruggevonden in de studiefiche</i>			
E076621 Principles of Law and Construction Law	lecture lecture: response lecture	oral examination	The student understands principles of insurance and damages. The student is able to use the relevant sources. The student can situate contracting law within the general contracting law. The student can apply the concepts to a case. The student knows the procedures for government issued tendering.
E050942 Fire Protection of Buildings	excursion lecture	open book examination oral examination	To gain insight into the fire safety aspects to consider during the design and construction process of buildings: active and passive fire protection, evacuation and Fire Safety Engineering
E085095 Workshop on Spatial Analysis and Urban Design	fieldwork self-reliant study activities	assignment	Come to an accurate design concept on the scale of urban planning. Collaborate in group with the intention to converge to a single design proposal. Clearly and convincingly communicate on urban design, based on argumentation. Relate urban analysis, concept and urban design in an integrated and iterative way.
E091103 Master's Dissertation	master's dissertation	oral examination assignment	Define, study and analyse the research problem in a specific domain. Give proof of independency, motivation, dedication, drive to innovation and creativity, initiative and perseverance. Self-assessment with adequate and critical self-correction and objectivity. Communicate adequately on the research, the results and problems, present and found them, both to colleagues as to laypeople. Render and synthesise the results concisely. Critically analyse, formulate, study, execute and/or process different aspects in the execution of research (literature search, topical study, research and the reflection on the research, experiments, experimentations, designs, simulations, results, conclusions,...). Find an appropriate methodology, in accordance with the applicable scientific norms of the specific field of study.

