



Programme syllabus

[An accessible version of the syllabus can be found in the Course and programme directory.](#)

Degree Programme in Civil Engineering and Urban Management 300 credits

Civilingenjörsutbildning i samhällsbyggnad

Valid for students admitted to the education from autumn 07 (HT - Autumn term; VT - Spring term).

This is a translation of the Swedish, legally binding, programme syllabus.

Programme objectives

Knowledge and understanding

Skills and abilities

Ability to make judgements and adopt a standpoint

Extent and content of the programme

Eligibility and selection

Implementation of the education

Courses

The programme is course-based. Lists of courses are included in appendix 1.

Grading system

Courses in the first and the second cycle are graded on a scale from A to F. A-E are passing grades, A is the highest grade. The grades pass (P) and fail (F) are used for courses under certain circumstances.

Appendix 1 - Course list

Appendix 2 - Programme syllabus descriptions



Appendix 1: Course list

Degree Programme in Civil Engineering and Urban Management (CSAMH)

General courses

Year 1

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AI1137	Introduction to the Planning and Building Process	15.0 hp	First cycle
DD1311	Programming Techniques with PBL	6.0 hp	First cycle
SF1616	Mathematical Methods I	12.0 hp	First cycle
SF1617	Mathematical Methods II	12.0 hp	First cycle
SF1620	Mathematics and Models	6.0 hp	First cycle
SH1010	Physics for the Built Environment	9.0 hp	First cycle

Optional courses

Code	Name	Credits	Edu. level
AB1002	Introduction to Civil Engineering and Urban Management	1.5 hp	First cycle

Year 2

Mandatory courses (52.5 Credits)

Code	Name	Credits	Edu. level
AE1101	Natural Resources Theory	6.0 hp	First cycle
AE1102	Geology and Geotechnical Engineering	6.0 hp	First cycle
AF1002	Buildings and Civil Engineering Structures	7.5 hp	First cycle
AG1311	Graphic Information Systems	7.5 hp	First cycle
AI1107	Economics	7.5 hp	First cycle
AI1501	Planning, Building and Environmental Law	6.0 hp	First cycle
DN1214	Numerical Methods, Basic Course	6.0 hp	First cycle
SF1908	Mathematical Statistics, Basic Course	6.0 hp	First cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AG1102	Economic Geography	7.5 hp	First cycle
SG1107	Mechanics	7.5 hp	First cycle

Civil Engineering (AP)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AE1601	Fluid Mechanics for Architecture and Built Environment	7.5 hp	First cycle
AF1005	Structural Engineering, Basic Course	7.5 hp	First cycle
AF101X	Degree Project in Build Environment, First Cycle	15.0 hp	First cycle
AF1301	Building Materials, Basic Course	7.5 hp	First cycle
AF1402	Building Physics	7.5 hp	First cycle
AF1601	Soil Mechanics and Foundation Engineering	7.5 hp	First cycle
SG1801	Structural Mechanics, Basic Course	7.5 hp	First cycle

Year 5

Optional courses

Code	Name	Credits	Edu. level
AE1501	Environmental System Analysis for Built Environment	7.5 hp	First cycle
AE1602	Hydrology	7.5 hp	First cycle
AE2609	Hydraulic Engineering Systems	7.5 hp	Second cycle
AF2023	Theory and Methodology of Science and Risk and Safety in Building Sciences	7.5 hp	Second cycle
AF2024	Finite Element Methods in Analysis and Design	7.5 hp	Second cycle
AF2203	Advanced Bridge Design	7.5 hp	Second cycle
AF2610	Tunnel Engineering	7.5 hp	Second cycle
AF2611	Geotechnical Engineering, Advanced Course	7.5 hp	Second cycle
AH2905	Advanced Pavement Engineering Analysis and Design	7.5 hp	Second cycle

Recommended courses

Code	Name	Credits	Edu. level
AF212X	Degree Project in Concrete Structures, Second Cycle	30.0 hp	Second cycle
AF222X	Degree Project in Structural Design and Bridges, Second Cycle	30.0 hp	Second cycle
AF232X	Degree Project in Building Materials, Second Cycle	30.0 hp	Second cycle
AF242X	Degree Project in Building Technology, Second Cycle	30.0 hp	Second cycle
AF252X	Degree Project in Building Services Engineering, Second Cycle	30.0 hp	Second cycle
AF262X	Degree Project in Soil and Rock Mechanics, Second Cycle	30.0 hp	Second cycle
AF282X	Degree Project in Steel Structures, Second Cycle	30.0 hp	Second cycle

Building and Real Estate Economics (BFE)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AI101X	Degree Project in Built Environment, First Cycle	15.0 hp	First cycle
AI1108	Investment Analysis	7.5 hp	First cycle
AI1109	Building and Real Estate Economics	7.5 hp	First cycle
AI1111	Real Estate Valuation	7.5 hp	First cycle
AI1142	Financial Reporting and Analysis	7.5 hp	First cycle
AI1510	Introduction to Swedish Law, Basic Course	7.5 hp	First cycle
AI2119	Real Estate Management	7.5 hp	Second cycle

Year 5

Recommended courses

Code	Name	Credits	Edu. level
AF1033	Building Technology and Building Services Engineering	7.5 hp	First cycle
AI201X	Degree Project in Building and Real Estate Economics, Second Cycle	30.0 hp	Second cycle
AI2114	Corporate and Real Estate Taxation	7.5 hp	Second cycle
AI2127	Management and Leadership	7.5 hp	Second cycle
AI2149	Advanced Issues in Real Estate Development and Financial Services	7.5 hp	Second cycle
AI2150	Theory of Science and Research Methods	7.5 hp	Second cycle

Construction Project Management (BPL)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AE1601	Fluid Mechanics for Architecture and Built Environment	7.5 hp	First cycle
AF1005	Structural Engineering, Basic Course	7.5 hp	First cycle
AF101X	Degree Project in Build Environment, First Cycle	15.0 hp	First cycle
AF1301	Building Materials, Basic Course	7.5 hp	First cycle
AF1402	Building Physics	7.5 hp	First cycle
ME1400	Project Management and Communication	7.5 hp	First cycle
SG1801	Structural Mechanics, Basic Course	7.5 hp	First cycle

Year 5

Conditionally elective courses

Code	Name	Credits	Edu. level
AI2127	Management and Leadership	7.5 hp	Second cycle

Recommended courses

Code	Name	Credits	Edu. level
AI2150	Theory of Science and Research Methods	7.5 hp	Second cycle
AI2806	Knowledge Management and Evaluation	7.5 hp	Second cycle
AI2807	Project for Construction Project Managers	7.5 hp	Second cycle

Track, Building and Real Estate Economics (FAFA)

Year 4

Mandatory courses (30.0 Credits)

Code	Name	Credits	Edu. level
AI2134	Quantitative Methods Applied to Real Estate and Financial Service	7.5 hp	Second cycle
AI2135	Financial Investments	7.5 hp	Second cycle
AI2139	Cost Benefit Analysis	7.5 hp	Second cycle
AI2144	Corporate Finance	7.5 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AI2102	Real Estate Market Analysis and Development	7.5 hp	Second cycle
AI2117	Facility Management	7.5 hp	Second cycle
AI2118	Portfolio Management and Real Estate Finance	7.5 hp	Second cycle
AI2136	Economics of Real Estate and Financial Services Contracts	7.5 hp	Second cycle
AI2142	Real Estate Valuation in an International Context	7.5 hp	Second cycle
AI2147	Commercial Real Estate Investments	7.5 hp	Second cycle

Track, Real Estate Development and Land Law (FAFB)

Year 4

Mandatory courses (45.0 Credits)

Code	Name	Credits	Edu. level
AI2502	Land Development	15.0 hp	Second cycle
AI2504	Law of Planning, Construction and Infrastructure	15.0 hp	Second cycle
AI2507	Law of Real Estate Formation	7.5 hp	Second cycle
AI2508	Compulsory Purchase and Compensation	7.5 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AI2102	Real Estate Market Analysis and Development	7.5 hp	Second cycle
AI2142	Real Estate Valuation in an International Context	7.5 hp	Second cycle

Track, Architectural Design and Construction Project Management (FAFC)

Year 4

Mandatory courses (45.0 Credits)

Code	Name	Credits	Edu. level
AI2134	Quantitative Methods Applied to Real Estate and Financial Service	7.5 hp	Second cycle
AI2801	Project Communication	7.5 hp	Second cycle
AI2802	Architectural Concepts	7.5 hp	Second cycle
AI2803	Project Development and Construction Processes	7.5 hp	Second cycle
AI2804	Design and production Management	7.5 hp	Second cycle
AI2805	Building Informatics and Logistics	7.5 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AI2102	Real Estate Market Analysis and Development	7.5 hp	Second cycle
AI2142	Real Estate Valuation in an International Context	7.5 hp	Second cycle
AI2501	Land Development I	7.5 hp	Second cycle

Master, Geodesy and Geoinformatics (GEG)

Year 4

Mandatory courses (45.0 Credits)

Code	Name	Credits	Edu. level
AG2411	GIS Architecture and Algorithms	7.5 hp	Second cycle
AG2412	Geovisualisation	7.5 hp	Second cycle
AG2414	Spatial Analysis	7.5 hp	Second cycle
AH2921	Adjustment Theory	6.0 hp	Second cycle
AH2922	Map Projections and Reference Systems	9.0 hp	Second cycle
AH2923	Global Navigation Satellite Systems (GNSS)	7.5 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AG2413	Digital Image Processing and Applications	7.5 hp	Second cycle
AG2415	Web-GIS	7.5 hp	Second cycle
AH2914	Physical Geodesy	7.5 hp	Second cycle
AH2915	Laser Scanning Technology	7.5 hp	Second cycle

Geomatic Engineering (GMT)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AG1323	GIS for the Built Environment	7.5 hp	First cycle
AG1324	Photogrammetry and Remote Sensing	9.0 hp	First cycle
AG132X	Degree Project in Built Environment, First Cycle	15.0 hp	First cycle
AH1815	Introduction to GPS	7.5 hp	First cycle
AH1816	Geodetic Surveying II	9.0 hp	First cycle
DD1320	Applied Computer Science	6.0 hp	First cycle
DD1334	Database Technology	6.0 hp	First cycle

Year 5

Recommended courses

Code	Name	Credits	Edu. level
AG2415	Web-GIS	7.5 hp	Second cycle
AG2421	A GIS Project	7.5 hp	Second cycle
AG2425	Spatial Databases	7.5 hp	Second cycle
AG242X	Degree Project in Geoinformatics, Second Cycle	30.0 hp	Second cycle
AH2916	Integrated Navigation	7.5 hp	Second cycle
AH2917	Advanced Theory of Errors	7.5 hp	Second cycle
AH2924	Engineering Surveying	7.5 hp	Second cycle
AH292X	Degree Project in Geodesy, Second Cycle	30.0 hp	Second cycle
AK2036	Theory and Methodology of Science with Applications (Natural and Technological Science)	7.5 hp	Second cycle

Architectural Engineering (HK)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AE1601	Fluid Mechanics for Architecture and Built Environment	7.5 hp	First cycle
AF1005	Structural Engineering, Basic Course	7.5 hp	First cycle
AF101X	Degree Project in Build Environment, First Cycle	15.0 hp	First cycle
AF1301	Building Materials, Basic Course	7.5 hp	First cycle
AF1402	Building Physics	7.5 hp	First cycle
AF1601	Soil Mechanics and Foundation Engineering	7.5 hp	First cycle
SG1801	Structural Mechanics, Basic Course	7.5 hp	First cycle

Year 5

Optional courses

Code	Name	Credits	Edu. level
AF2024	Finite Element Methods in Analysis and Design	7.5 hp	Second cycle
AF2025	Architectural Engineering Project	7.5 hp	Second cycle
AF2403	Building Damages	7.5 hp	Second cycle
AF2503	Indoor Climate and Industrial Ventilation	7.5 hp	Second cycle
AF2504	Building Services Engineering, Simulation	7.5 hp	Second cycle
AF2609	Foundation Engineering	7.5 hp	Second cycle
AG2806	Environmental Aspects of the Built Environment	7.5 hp	Second cycle

Recommended courses

Code	Name	Credits	Edu. level
AF2023	Theory and Methodology of Science and Risk and Safety in Building Sciences	7.5 hp	Second cycle
AF212X	Degree Project in Concrete Structures, Second Cycle	30.0 hp	Second cycle
AF222X	Degree Project in Structural Design and Bridges, Second Cycle	30.0 hp	Second cycle
AF232X	Degree Project in Building Materials, Second Cycle	30.0 hp	Second cycle
AF242X	Degree Project in Building Technology, Second Cycle	30.0 hp	Second cycle
AF252X	Degree Project in Building Services Engineering, Second Cycle	30.0 hp	Second cycle
AF262X	Degree Project in Soil and Rock Mechanics, Second Cycle	30.0 hp	Second cycle
AF282X	Degree Project in Steel Structures, Second Cycle	30.0 hp	Second cycle

Track, Urban and Regional Planning (HSSA)

Year 4

Mandatory courses (45.0 Credits)

Code	Name	Credits	Edu. level
AG2116	City Networks in Regional Contexts	7.5 hp	Second cycle
AG2126	Theory of Science and Research Methodology for Planning and Design	7.5 hp	Second cycle
AG2127	Planning Theory and Urban Governance	7.5 hp	Second cycle
AG2171	Futures Studies and Forecasts	7.5 hp	Second cycle
AG2805	Sustainable Planning and Design	15.0 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AD2845	Principles of Real Estate and Urban Economics	7.5 hp	Second cycle
AG2128	Urban Development and Planning	7.5 hp	Second cycle
AG2141	Urban Infrastructure	7.5 hp	Second cycle
AG2147	Sustainable Urbanism and Green Metropolitan City Regions	7.5 hp	Second cycle

Master, Architectural Engineering (HUS)

Year 4

Mandatory courses (52.5 Credits)

Code	Name	Credits	Edu. level
AF2001	Structural Engineering, Advanced Course	7.5 hp	Second cycle
AF2101	Concrete Structures	7.5 hp	Second cycle
AF2213	Steel and Timber Structures	7.5 hp	Second cycle
AF2301	Building Materials, Advanced Course	7.5 hp	Second cycle
AF2401	Building Technology, Advanced Course	7.5 hp	Second cycle
AF2402	Acoustics and Fire	7.5 hp	Second cycle
AF2502	Building Services Engineering, Advanced Course	7.5 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AF2011	Structural Dynamics for Civil Engineers	7.5 hp	Second cycle
AI1801	Construction Project Management	7.5 hp	First cycle

Master, Infrastructure Engineering (ISE)

Year 4

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AF2003	Structural Engineering, Advanced Course	7.5 hp	Second cycle
AF2004	Concrete and Steel Structures	7.5 hp	Second cycle
AF2011	Structural Dynamics for Civil Engineers	7.5 hp	Second cycle
AF2201	Bridge Design	7.5 hp	Second cycle
AF2602	Rock Mechanics	7.5 hp	Second cycle
AF2609	Foundation Engineering	7.5 hp	Second cycle
AF2901	Road- and Railway Track Engineering	7.5 hp	Second cycle
AF2903	Road Construction and Maintenance	7.5 hp	Second cycle

Real Estate Planning and Land Law (MFJ)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AH1812	Geodetic Surveying I	7.5 hp	First cycle
AI1108	Investment Analysis	7.5 hp	First cycle
AI1504	Real Estate Planning	7.5 hp	First cycle
AI1506	Land Law	7.5 hp	First cycle
AI1509	Law of Real Estate	7.5 hp	First cycle
AI150X	Degree Project in Built Environment, First Cycle	15.0 hp	First cycle
AI1510	Introduction to Swedish Law, Basic Course	7.5 hp	First cycle

Year 5

Optional courses

Code	Name	Credits	Edu. level
AI2505	Law and Economics for Land Use Topics	7.5 hp	Second cycle

Recommended courses

Code	Name	Credits	Edu. level
AI2127	Management and Leadership	7.5 hp	Second cycle
AI2149	Advanced Issues in Real Estate Development and Financial Services	7.5 hp	Second cycle
AI2150	Theory of Science and Research Methods	7.5 hp	Second cycle
AI251X	Degree project in Real Estate Development and Land Law, Second Cycle	30.0 hp	Second cycle

Land and Water Resources Engineering (MVT)

Year 3

Mandatory courses (52.5 Credits)

Code	Name	Credits	Edu. level
AE100X	Degree Project in Built Environment, First Cycle	15.0 hp	First cycle
AE1105	Environmental Soil Chemistry	7.5 hp	First cycle
AE1501	Environmental System Analysis for Built Environment	7.5 hp	First cycle
AE1601	Fluid Mechanics for Architecture and Built Environment	7.5 hp	First cycle
AE1602	Hydrology	7.5 hp	First cycle
AF1601	Soil Mechanics and Foundation Engineering	7.5 hp	First cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AE1104	Geoscience Engineering	7.5 hp	First cycle
SG1801	Structural Mechanics, Basic Course	7.5 hp	First cycle

Year 5

Conditionally elective courses

Code	Name	Credits	Edu. level
AE2102	Quantitative Hydrogeology	7.5 hp	Second cycle
AE211X	Degree Project in Ground Water Chemistry, Second Cycle	30.0 hp	Second cycle
AE2302	Water Treatment Processes and Technology	7.5 hp	Second cycle

Recommended courses

Code	Name	Credits	Edu. level
AE2106	Project in Water System Technology	15.0 hp	Second cycle
AE212X	Degree project in Land and Water Resources, Second Cycle	30.0 hp	Second cycle
AE230X	Degree project in Water, Sewage and Waste, Second Cycle	30.0 hp	Second cycle
AE2406	Research Methodology	3.0 hp	Second cycle
AE241X	Degree Project in Geological Engineering, Second Cycle	30.0 hp	Second cycle
AE251X	Degree Project in Environmental Assessment, Second Cycle	30.0 hp	Second cycle
AE261X	Degree Project in Hydraulic Engineering, Second Cycle	30.0 hp	Second cycle
AK2030	Theory and Methodology of Science (Natural and Technological Science)	4.5 hp	Second cycle

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Urban Planning (SP)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AG1103	Urban and Traffic Planning, Continuation Course	7.5 hp	First cycle
AG1104	Planning Theory, Basic Course	7.5 hp	First cycle
AG1105	Heritage Management in Urban Planning	7.5 hp	First cycle
AG110X	Degree Project in Built Environment, First Cycle	15.0 hp	First cycle
AH1021	Urban and Traffic Planning, Basic Course	7.5 hp	First cycle
AH1023	Urban and Traffic Planning, Methods and Applications	7.5 hp	First cycle
AI1504	Real Estate Planning	7.5 hp	First cycle

Year 5

Recommended courses

Code	Name	Credits	Edu. level
AD2850	Compositions in Urban Design	7.5 hp	Second cycle
AG2108	Urban Theory, Advanced Course	7.5 hp	Second cycle
AG210X	Degree Project in Regional Planning, Second Cycle	30.0 hp	Second cycle
AG2119	Applied Analysis and International Planning	7.5 hp	Second cycle
AG2120	Social and Cultural Issues in Planning	7.5 hp	Second cycle
AG2129	Project Sustainable Urban Planning - Strategies for Urban and Regional Development	15.0 hp	Second cycle

Master, Transport Systems (TSY)

Year 4

Mandatory courses (37.5 Credits)

Code	Name	Credits	Edu. level
AH2170	Transport Data collection and Analysis	7.5 hp	Second cycle
AH2172	Transport Data collection and Analysis	7.5 hp	Second cycle
AH2300	Transport and Society	7.5 hp	Second cycle
AH2301	Transport Policy and Evaluation	7.5 hp	Second cycle
AH2302	Transport Modelling	7.5 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AH2026	Railway Traffic - Market and Planning, Basic Course	7.5 hp	Second cycle
AH2029	Railway Signalling System	7.5 hp	Second cycle
AH2102	Logistics and Transportation	7.5 hp	Second cycle
AH2173	Public Transport	7.5 hp	Second cycle
AH2303	Transport and Sustainable Development	7.5 hp	Second cycle
AH2304	Advanced Transport Modelling	7.5 hp	Second cycle

Traffic Engineering (TT)

Year 3

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AG1103	Urban and Traffic Planning, Continuation Course	7.5 hp	First cycle
AG1104	Planning Theory, Basic Course	7.5 hp	First cycle
AH1021	Urban and Traffic Planning, Basic Course	7.5 hp	First cycle
AH1022	Traffic and Road Engineering, Basic Course	7.5 hp	First cycle
AH1023	Urban and Traffic Planning, Methods and Applications	7.5 hp	First cycle
AH103X	Degree Project in Built Environment, First Cycle	15.0 hp	First cycle
AI1109	Building and Real Estate Economics	7.5 hp	First cycle

Year 5

Optional courses

Code	Name	Credits	Edu. level
AF2901	Road- and Railway Track Engineering	7.5 hp	Second cycle
AH201X	Degree Project in Traffic and Transport Planning, Second Cycle	30.0 hp	Second cycle
AH2027	Work Process for Traffic Infrastructure	7.5 hp	Second cycle
AH2028	Railway Traffic - Market and Planning, Advanced Course	7.5 hp	Second cycle
AH2029	Railway Signalling System	7.5 hp	Second cycle
AH202X	Degree Project in Railway Operation, Second Cycle	30.0 hp	Second cycle
AH2030	Railway Signalling System - Reliability	7.5 hp	Second cycle
AH2031	Railway Signalling System - Project Planning	7.5 hp	Second cycle
AH2032	Train Traffic Simulation	7.5 hp	Second cycle
AH2111	Logistics, Advanced Project Course	15.0 hp	Second cycle
AH2205	Game Theory	7.5 hp	Second cycle
AH220X	Degree Project in Transport- and Location Analysis, Second Cycle	30.0 hp	Second cycle
AH221X	Degree Project in Systems Analysis and Economics, Second Cycle	30.0 hp	Second cycle

Recommended courses

Code	Name	Credits	Edu. level
AG2421	A GIS Project	7.5 hp	Second cycle
AH2026	Railway Traffic - Market and Planning, Basic Course	7.5 hp	Second cycle
AH2174	Traffic Simulation Modelling and Applications	7.5 hp	Second cycle
AH2305	Spatial and Transport Economics	7.5 hp	Second cycle
AK2038	Theory and Methodology of Science with Applications (Social Science)	7.5 hp	Second cycle

Master, Water System Technology (WST)

Year 4

Mandatory courses (22.5 Credits)

Code	Name	Credits	Edu. level
AE2202	Dynamics of Environmental Systems	7.5 hp	Second cycle
AE2501	Environmental Impact Assessment	7.5 hp	Second cycle
AE2505	Water Systems and Geographic Information	7.5 hp	Second cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AE2103	Environmental Aquatic Chemistry	7.5 hp	Second cycle
AE2104	Environmental Measuring and Monitoring	7.5 hp	Second cycle
AE2105	Urban Hydrology and Climate	7.5 hp	Second cycle
AE2301	Water and Waste Handling	7.5 hp	Second cycle
AE2401	Engineering Geology	7.5 hp	Second cycle
AE2503	Environmental Data	7.5 hp	Second cycle
AE2504	Water Governance	7.5 hp	Second cycle
AE2602	Applied Hydrology	7.5 hp	Second cycle
AE2609	Hydraulic Engineering Systems	7.5 hp	Second cycle
AE2706	Integrated Water Resources Management	7.5 hp	Second cycle



Appendix 2: Specialisations

Degree Programme in Civil Engineering and
Urban Management (CSAMH)

Civil Engineering (AP)

No information entered.

Building and Real Estate Economics (BFE)

No information entered.

Construction Project Management (BPL)

No information entered.

Track, Building and Real Estate Economics
(FAFA)

No information entered.

Track, Real Estate Development and Land Law
(FAFB)

No information entered.

Track, Architectural Design and Construction Project Management (FAFC)

No information entered.

Master, Geodesy and Geoinformatics (GEG)

No information entered.

Geomatic Engineering (GMT)

No information entered.

Architectural Engineering (HK)

No information entered.

Track, Urban and Regional Planning (HSSA)

No information entered.

Master, Architectural Engineering (HUS)

No information entered.

Master, Infrastructure Engineering (ISE)

No information entered.

Real Estate Planning and Land Law (MFJ)

No information entered.

Land and Water Resources Engineering (MVT)

No information entered.

Translation not found (NRT)

No information entered.

Urban Planning (SP)

No information entered.

Master, Transport Systems (TSY)

No information entered.

Traffic Engineering (TT)

No information entered.

Master, Water System Technology (WST)

No information entered.