

Information for and structure of the Quality recognition report

I - GENERAL INFORMATION	
Name of the school	School of Architecture, Design and Planning (SADP), Aalborg University, Denmark
Name of the programme	MSc in Surveying, Planning and Land Management (Specialisation in Land Management)
Address	Vestre Havnepromenade 5, DK-9000, Aalborg, DENMARK
Website	http://www.sadp.aau.dk http://www.sadp.aau.dk/programmes/surveying-planning-and-land-management/ http://www.studyguide.aau.dk/programmes/postgraduate/55782/academic-content/
Official representative of the school	Associate Prof. Michael Tophøj Sørensen
Contact person	Associate Prof. Daniel Galland

II - OBJECTIVES OF THE PROGRAMME	
Level of university education/degree	Master of Science
Duration of the study in the programme	(4 semesters/2 years)
Profile of graduates	See below
Scientific objectives/knowledge offered Professional objectives/Skills offered	The graduate of the master's program in Land Management has: KNOWLEDGE: - Has knowledge in land use planning and land management based on state-of-the-art international research in the subject areas, such as the development and regulation of property and land use, spatial planning and implementation, land economics and land governance. - Understands legal issues concerning the use of and public interventions of private property, based on the highest international research in the field. - Can understand and, on a scientific basis, reflect over the knowledge areas and identify scientific as well as practical problems or challenges regarding urban and rural development. Including how this relates to normative aspects, such as economic, socio-cultural and/or environmental sustainability. SKILLS: - Excels in main theories that relate to the knowledge areas and in scientific methods, tools and general skills related to planning and management activities for urban and rural development. - Can apply, evaluate and select among the scientific theories, methods, tools regarding planning and land management for urban and rural development - and on a scientific basis, advance new analyses and solutions - Can communicate research-based knowledge and discuss professional and scientific problems with both peers and non-specialists concerning planning and land management for urban and rural development COMPETENCIES: - Can apply and combine theories, methods and tools to manage work and development situations that are complex, unpredictable and require new solutions. - Can independently initiate and implement discipline-specific and interdisciplinary cooperation and assume professional responsibility on relevant aspects of land management for urban and rural development - Can independently take responsibility for own professional planning and land management for urban and rural development

Requirements for entering the programme (previous education profile)	The requirement is a Bachelor of Science degree in Engineering, Geography, Technology, Planning, Land Management or similar fields.
Standard presentation (optional)	

III - CONTEXT and CONTENTS

Position in the academic environment: country, university, department	The Master’s program falls under the Faculty of Engineering and Science, Aalborg University. At the same time, it falls under the Board of Studies for Surveying, Planning and Land Management (<i>Studienævn for Landinspektøruddannelsen</i>). The MSc program in Land Management is offered at the Department of Development and Planning at Aalborg University in both campuses in Aalborg and Copenhagen. International students are strongly encouraged to reside in Aalborg where the core research activities take place.																																																																																																																																
Accreditation obtained (if applicable)	The Land Management MSc program is subject to a number of quality procedures, which have been developed to attain institutional accreditation. The Danish Ministry of Education awards the right to Aalborg University (through both the School of Architecture, Design & Planning as well as the Faculty of Engineering and Science) to implement internal quality control and development procedures.																																																																																																																																
Team	The following faculty members involved in the design and implementation of the Land Management MSc program at Aalborg University are engaged in European activities in different capacities: a. Michael Tophøj Sørensen, <i>AESOP Representative of Denmark</i> b. Daniel Galland, <i>AESOP Co-representative and Contact Point in Denmark; Danish ECP Member of ESPON</i> c. Carsten J Hansen, <i>Danish ECP Member of ESPON</i> d. Line Hvingel, <i>INSPIRE</i>																																																																																																																																
Programme structure	1. a) Curriculum (2011-2015) <table><tr><th>Semester</th><th>Module</th><th>ECTS</th><th>Assessment</th><th>Exam</th></tr><tr><td rowspan="4">1st</td><td>Land Development and Property Law</td><td>15</td><td>7-point scale</td><td>Internal</td></tr><tr><td>Real Property – Legal and Economic Aspects</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Spatial Data Infrastructure</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Land Administration Systems</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td rowspan="4">2nd</td><td>Spatial Development and Planning</td><td>15</td><td>7-point scale</td><td>External</td></tr><tr><td>Development, Planning and Implementation</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Land Use Regulation and Land Economics</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Land Management and Governance</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td rowspan="3">3rd</td><td>Professional Development</td><td>30/25/20</td><td>7-point scale</td><td>Internal</td></tr><tr><td><i>Elective course (optional)</i></td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td><i>Elective course (optional)</i></td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>4th</td><td>Master’s Thesis</td><td>30/60</td><td>7-point scale</td><td>External</td></tr><tr><td>Total</td><td></td><td>120</td><td></td><td></td></tr></table> b) Working Curriculum (2015-) <table><tr><th>Semester</th><th>Module</th><th>ECTS</th><th>Assessment</th><th>Exam</th></tr><tr><td rowspan="3">1st</td><td>Land Development and Land Administration Systems</td><td>20</td><td>7-point scale</td><td>Internal</td></tr><tr><td>Managing the Use of Land</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Land Governance and Geographic Information in a Societal Context</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td rowspan="4">2nd</td><td>Spatial Development and Planning</td><td>15 20</td><td>7-point scale</td><td>External</td></tr><tr><td>Development, Planning and Implementation</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Spatial Planning and Governance</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Land Management and Governance</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td rowspan="4">3rd</td><td>Land Use and Land Economics</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Land Use Regulation</td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Professional Development</td><td>30/25/20</td><td>7-point scale</td><td>Internal</td></tr><tr><td><i>Elective course (optional)</i></td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td rowspan="2">4th</td><td><i>Elective course (optional)</i></td><td>5</td><td>Pass/Fail</td><td>Internal</td></tr><tr><td>Master’s Thesis</td><td>30/60</td><td>7-point scale</td><td>External</td></tr><tr><td>Total</td><td></td><td>120</td><td></td><td></td></tr></table> 2. Number of credits: 120 ECTS	Semester	Module	ECTS	Assessment	Exam	1 st	Land Development and Property Law	15	7-point scale	Internal	Real Property – Legal and Economic Aspects	5	Pass/Fail	Internal	Spatial Data Infrastructure	5	Pass/Fail	Internal	Land Administration Systems	5	Pass/Fail	Internal	2 nd	Spatial Development and Planning	15	7-point scale	External	Development, Planning and Implementation	5	Pass/Fail	Internal	Land Use Regulation and Land Economics	5	Pass/Fail	Internal	Land Management and Governance	5	Pass/Fail	Internal	3 rd	Professional Development	30/25/20	7-point scale	Internal	<i>Elective course (optional)</i>	5	Pass/Fail	Internal	<i>Elective course (optional)</i>	5	Pass/Fail	Internal	4 th	Master’s Thesis	30/60	7-point scale	External	Total		120			Semester	Module	ECTS	Assessment	Exam	1 st	Land Development and Land Administration Systems	20	7-point scale	Internal	Managing the Use of Land	5	Pass/Fail	Internal	Land Governance and Geographic Information in a Societal Context	5	Pass/Fail	Internal	2 nd	Spatial Development and Planning	15 20	7-point scale	External	Development, Planning and Implementation	5	Pass/Fail	Internal	Spatial Planning and Governance	5	Pass/Fail	Internal	Land Management and Governance	5	Pass/Fail	Internal	3 rd	Land Use and Land Economics	5	Pass/Fail	Internal	Land Use Regulation	5	Pass/Fail	Internal	Professional Development	30/25/20	7-point scale	Internal	<i>Elective course (optional)</i>	5	Pass/Fail	Internal	4 th	<i>Elective course (optional)</i>	5	Pass/Fail	Internal	Master’s Thesis	30/60	7-point scale	External	Total		120		
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Methods of teaching	Problem-based learning, traditional lecturing/teaching methods
Title(s) awarded (single, double, multiple degree)	Master of Science (single degree)
Students in the programme	1.Number: ~ 20/year
	2. Percentage of international students: ~20%
	3. Examples of countries of origin: Latvia, Lithuania, Spain, Poland

IV - EUROPEAN AND INTERNATIONAL DIMENSION IN TEACHING	
In the courses (max. 50 words each)	1. The Land Management & Governance (LMG) course (2 nd semester) covers spatial planning cases from an international comparative approach focusing on planning systems and policies in Europe.
	2. The European dimension of Danish spatial planning policy is similarly covered throughout the first lectures in the Land Management and Governance course (run by Daniel Galland).
In the practical activities (max. 50 words each)	1. In the third semester the students are able to either study abroad (typically in other European countries, Canada or Australia) or go on internships within public, private, third-sector or international organisations. In doing so the students usually earn 30 ECTS in their stay abroad. The period ranges from 4-6 months, and the percentage of students taking on placements abroad varies from 40-60%.
	2. Workshops and study tours abroad: During the second semester the students take on workshops/study tours abroad led by a professor in the Land Management program. Typically, study tours consist of organised visits to public institutions (e.g. planning authorities, cartographic institutes, planning departments at universities), planning and architecture firms, civil society organizations, etc. A typical study tour covers a period of 7-10 days. The past three editions were held in Barcelona (2012, 2013) and Lisbon (2014), and the total number of students varied between 10 and 20 per year.
In the final thesis and/or project	1. Comparative or European topics for the thesis. Aalborg University has obligations to secure the Danish labour market with MSc candidates. In order to do this we cannot force the students to spend certain time on European topics, but in general we encourage them (especially foreign students) to carry out comparative studies between Denmark and other European countries.
	2. Projects in foreign countries. Commonly during 3 rd semester but can also be extended to cover the thesis semester. See points above.
	3. Possibility to submit in different languages: MSc theses and semester projects can be submitted in either English or Danish.
Involvement of foreign teachers	1. Visiting professors Foreign teachers have been involved in the Land Management MSc program, mainly through international workshops. In 2014, an ESPON postgraduate workshop was carried out as part of the Land Management & Governance course (see: www.rha.is/enecon) with active involvement of both professors and researchers from Nordic and Baltic countries.
	2. Guest lecturers On occasional basis, guest lecturers from government institutions have been invited to deliver lectures and participate in workshops.
	3. Other forms of involvement (reviewers, evaluators, jury members ...) As part of our internal quality control, the LM program undergoes a self-evaluation process every third year, which is conducted through a panel consisting of both local professors and foreign teachers from the Nordic countries.
Language(s) of tuition	ENGLISH

V - INSTITUTIONAL EUROPEAN AND INTERNATIONAL DIMENSION

International institutional collaborations (max. 50 words each)	1. Active cooperation agreements (specify type of cooperation): ERASMUS and BILATERAL agreements
	2. Erasmus (specify number of agreements, institutions, number of incoming and outgoing students) A total of 30+ ERASMUS agreements between the Department of Development and Planning at Aalborg University and other European universities are currently active. Some participating institutions include: - Bern University of Applied Sciences - Cardiff University - Charles University in Prague - Ecole des Ingenieurs de la Ville de Paris - Gottfried Wilhelm Leibniz Universität Hannover - Izmir Institute of Technology - Karelia University of Applied Sciences - Oulu University - Radboud Universiteit Nijmegen - Technische Universität Hamburg-Harburg - TU Berlin - TU Dortmund - TU Wien - The University of Sheffield - Técnico de Lisboa - Universidad de Sevilla - Universidade de Aveiro - Universitat de Barcelona - Universitat Autònoma de Barcelona - Università degli Studi di Roma "La Sapienza" - Universitat Politècnica de Catalunya - Université de Technologie de Compiègne - University of Portsmouth - Univerza V Ljubljani - Università degli studi di Firenze - Università degli studi di Milano-Bicocca - Università degli studi di Perugia - Université de Liège - Warsaw University of Technology
	3. Joint courses None
	4. Joint diplomas We used to have a double degree with Lund University in Sweden, which made our LM candidates accessible to two labour markets. However the interest from our students diminished over time and the double degree was finalised.
	5. Mobility of students (capacity) Varies in accordance with every semester. Possibilities abound under Erasmus student exchange agreements.
	6. Mobility of staff (capacity) There are no specific rules, but possibilities abound under Erasmus staff mobility.
	7. Summer schools None
	8. Intensive programmes None
	9. Distance learning None
	10. Other

VI - EUROPEAN AND INTERNATIONAL DIMENSION IN RESEARCH	
Research programmes/projects with European scope	ESPON - ENECON (ESPON Evidence in a North European Context) www.rha.is/enecon
Research programmes/ projects with European funding	The ENECON project (2012-2014) aimed at facilitating transnational dialogues on spatial planning between academics, policy makers and practitioners, scientists and students in the Nordic-Baltic countries. This included: • Dissemination, capitalization and awareness rising of ESPON results and their implications for Northern Europe. • Mutual learning processes between relevant actors in the Nordic-Baltic region and the ESPON “family”. • Contribution to the ability of national and regional policy-makers as well as researchers to position regions, macro-regions, and national territories in a European (ESPON) context. • Contribution to the discussion and debate around the EU Strategy Northern parts of Europe, not at least the northernmost parts of Europe. • Trans-generational dialogue by engaging with young researchers and students that are active in the spatial and territorial development policy field.
Other	In 2014, the Land Management master’s students participated in an ESPON postgraduate workshop organised by Prof. Daniel Galland (Land Management MSc Program Aalborg University) with Aalborg University as project partner of the ESPON-ENECON consortium. The workshop consisted on in-depth debates on ESPON concepts, methods, findings, and governance practices on European territorial planning and cohesion (see final workshop report: http://www.rha.is/enecon/enecon-activities/aalborg-workshop-2014).

VII - OPTIONAL INFORMATION HIGHLIGHTING DISTINCTNESS OF THE PROGRAMME