



Programme-specific Section of the Curriculum for the MSc Programme in Geography and Geoinformatics with a minor subject at the Faculty of Science, University of Copenhagen 2010 (Rev. 2019)

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1 Title, affiliation and language

A shared section that applies to all BSc and MSc Programmes at the Faculty of Science is linked to this programme-specific curriculum.

1.1 Title

The MSc Programme in Geography and Geoinformatics with a minor subject leads to a Master of Science (MSc) in Geography and Geoinformatics and minor in [the minor subject] with the Danish title: *Cand.scient. (candidatus/candidata scientiarum) i geografi og geoinformatik med sidefag i [the minor subject]*.

It will appear from the diploma that the study programme has been completed as an MSc in two subjects and, provided that the requirements pertaining to the Upper Secondary School course packages (*gymnasiefagpakkerne*) have been met, that academic qualifications (*faglig competence*) for teaching at the Danish Upper Secondary School in the subjects have been achieved.

1.2 Affiliation

The programme is affiliated with the Study Board of Geosciences and Management, and the students can both elect, and be elected, to this study board.

1.3 Corps of external examiners

The following corps of external examiners is used for the central parts of the MSc Programme:

- Corps of External Examiners for Geography and Geoinformatics (*geografi*)

1.4 Language

The language of this MSc Programme is English.

2 Academic profile

2.1 Purpose

Graduates in Geography and Geoinformatics with a minor subject are able to apply geographical methods of working in a critical manner and communicate academic problems and model solutions to geographers and to other partners and users. The breadth and interdisciplinary nature of the programme enables them to engage in and manage complex tasks and projects. They are also able to understand and work with people from different scientific backgrounds, and act as bridge-builders between, e.g. science and social studies.

2.2 General programme profile

The MSc programme includes a thesis, which is an independent experimental, field-based or theoretical study within a clearly defined area of the geographical fields of study. Geography and Geoinformatics is the key subject area of the programme.

2.3 General structure of the programme

The MSc Programme is set at 120 or 150 ECTS depending on whether the minor subject is within the field of sciences or not.

Exercise and Sport Sciences is in this regard considered as being outside the field of science.

The MSc Programme in Geography and Geoinformatics with a minor subject consists of the following elements:

- Basic study program, 120 ECTS including the thesis.

- Extension of the minor subject, 30 ECTS, if the minor subject is outside the field of science.

There are no defined specialisations in this MSc Programme.

2.4 Career opportunities

The MSc Programme in Geography and Geoinformatics with a minor subject qualifies students to become professionals within business functions and/or areas such as:

- A PhD programme
- Upper secondary school teacher in Geography and the minor subject.
- Holders of an MSc degree in Geography & Geoinformatics are able to apply geographical methodologies in a critical manner and communicate geographical subject matter and solution models both to other geographers and other collaboration partners and users.
- With their broadly based and often interdisciplinary education, they are capable of being involved in and managing complex tasks and projects.
- Also, they are able to understand and work with persons from other scientific backgrounds and bridge the gaps between, for example, the natural and social sciences.

3 Description of competence profiles

Students following the MSc Programme acquire the knowledge, skills and competences listed below. Students will also acquire other qualifications through elective subject elements and other study activities.

3.1 Competence profile

On completion of the programme, an MSc in Geography and Geoinformatics with a minor subject has acquired the following:

Knowledge about:

- And insights into the advanced theories and methodologies of the geographical field of study.
- Analysing and taking a critical approach to natural, environmental or societal structures and changes and the process-related and spatial aspects of such changes.
- Detailed knowledge about the student's field(s) of specialisation.

Skills in/to:

- Take a scientific, problem-oriented and critical approach to geographically relevant issues within aspects of nature, the environment and society.
- Work at a high scientific level within the geographical field of study or the graduate's fields of specialisation.
- Have an understanding of the special identity and application-oriented perspectives of the geographical field of study, for example in relation to the job market.

Competences in/to:

- Identifying, proposing and preparing proposals to solving complex geographical problems in terms of theory, methodology and empiricism based on independently acquired knowledge at a high level.
- Expressing him or herself in scientifically correct language, arguing in a scientific manner, engaging in a scientific discussion and communicating scientific knowledge at various levels.

- Integrating, discussing and putting into perspective theoretical, methodological and empirical choices, for example demonstrating reflective and critical thinking about the choices made and the possibilities and limitations of science in relation to a specific problem.
- Critically assessing own academic abilities and the relationship between own field of study and other fields of study, for example being able to assess and relate literature within one field to literature within other contiguous academic fields of study.
- Independently managing and carrying out large-scale data collection and analysis.
- Independently planning own learning strategy, learning outcomes and learning situation and entering into different learning and collaborative contexts, for example with students/graduates within other fields of study.

4 Admission requirements

With a Bachelor's degree in Geography and Geoinformatics (*geografi og geoinformatik*) from the University of Copenhagen the student is granted reserved access and guaranteed a place on the MSc Programme in Geography and Geoinformatics with a minor subject if the student applies before the application deadline during the first application period after the completion of the Bachelor's degree.

The admission requirements for the MSc Programme in Biology with a minor subject is the same as the admission requirements listed in paragraph 4 in "Programme-specific Section of the Curriculum for the MSc Programme in Geography and Geoinformatics" supplemented with the following:

- At least 105 ECTS from the Upper Secondary School course package (*gymnasiefagpakken*) are included in the BSc programme.
- At least 45 ECTS from the minor subject is included in the BSc programme.
 - If the minor subject is *within* the field of sciences (with the exception of Exercise and Sport Sciences) the 45 ECTS must be contained in the minor subject Upper Secondary School course package (*den reducerede gymnasiefagpakke*).

5 Prioritisation of applicants

If the number of qualified applicants to the programme exceeds the number of places available the applicants will be prioritised according to paragraph 5 in "Programme-specific Section of the Curriculum for the MSc Programme in Geography and Geoinformatics".

6 Structure of the programme

The compulsory subject elements, restricted elective subject elements and the thesis constitute the central parts of the programme (Section 21 of the Ministerial Order on Bachelor and Master's Programmes (Candidatus) at Universities).

6.1 Programme components

The programme is set at 120/150 ECTS and consists of the following:

- Compulsory subject elements, 7.5 ECTS.
- Restricted elective subject elements, 37.5 ECTS.
- The minor subject
 - 45 ECTS (minor subject within the field of science)
 - 75 ECTS (minor subject outside the field of science)
- Thesis, 30 ECTS.

6.1.1 Compulsory subject elements within the major subject

All of the following subject elements are to be covered (7.5 ECTS):

• NNDK15002U	Geografiens didaktik	Block 1	7.5 ECTS
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6.1.2 Restricted elective subject elements within the major subject

37.5 ECTS are to be covered as subject elements from the following lists:

Up to 15 ECTS credits in BSc subject elements are to be covered by subject elements from the following list, if they were not passed as part of the BSc programme:

• NGEB10012U	Jordens opbygning, dynamiske historie og ressourcer	Block 3	7.5 ECTS
• NDIA10001U	Grundkursus i de naturvidenskabelige fags didaktik	Block 4	7.5 ECTS

Up to 37,5 ECTS credits are to be covered as subject elements from the following list:

• NIGK17008U	Environment, Society and Development	Block 1	7.5 ECTS
• NIGK14009U	Land Use Transitions in the Global South	Block 1	7.5 ECTS
• NGEK10015U	The Dynamics of City Regions: Social and Economic Change	Block 1	7.5 ECTS
• NGEK10002U	Applied GIS and Geoinformatics for Urban Spatial Analysis	Block 1	7.5 ECTS
• NIGK17010U	Remote Sensing of the Bio-Geosphere	Block 1	7.5 ECTS
• NIGK17014U	Coastal Geoscience	Block 1	7.5 ECTS
• NIGK17013U	Ecosystems, Climate and Climate Change	Block 1	7.5 ECTS
• NIGK17015U	Transformation of Cities and Landscapes: Globalisation and Local Strategies	Block 2	7.5 ECTS
• NIGK17017U	Fluvial and Estuarine Geoscience	Block 2	7.5 ECTS
• NGEK10024U	Globalisation and Dynamics in Global Value Chains	Block 2	7.5 ECTS
• NIGK17016U	Environmental Soil Science	Block 2	7.5 ECTS
• NIGK15001U	Advanced Geoinformatics	Block 2	7.5 ECTS
• NIGK17011U	Spatial and Temporal Pattern Analysis	Block 2	7.5 ECTS
• NGEK10018U	Countryside Planning: Policies, Processes and Regulation	Block 2	7.5 ECTS
• NIGK15006U	Field and Methods Course in Geography and Geoinformatics	Block 1+2	15 ECTS
• NGEK11006U	International Migration - Flows, Networks and Diasporas	Block 3	7.5 ECTS
• NGEK10027U	Project Management and Planning	Block 3	7.5 ECTS
• NGEA09056U	Numerical Modelling in Fluvial, Coastal, Estuarine and Marine Environment	Block 3	7.5 ECTS
• NIGK15027U	Surface Hydrology	Block 3	7.5 ECTS
• NIGK17012U	Remote Sensing in Land Science Studies	Block 3	7.5 ECTS
• NIGK17009U	Livelihoods and Rural-Urban Connections in the Global South	Block 4	7.5 ECTS
• NIGK15005U	Ecological Modelling	Block 4	7.5 ECTS
• NIGK17007U	Advanced Soil Science and Isotope Geochemistry	Block 4	7.5 ECTS
• NIGK14008U	VVM i praksis	Block 4	7.5 ECTS
• NIGK15002U	Aerial and Near-field Remote Sensing	Block 4	7.5 ECTS
• NIGK15021U	Programming, Customization and Automation in GIS	Block 4	7.5 ECTS
• NIGK15006U	Field and Methods Course in Geography and Geoinformatics	Block 3+4	15 ECTS
• NGEA06026U	Lærestalernes fælles byplankursus	Block 3+4	15 ECTS
• NIGK15022U	Project Course in Geography and Geoinformatics	Block 1-5	7.5 ECTS

• NFKK14006U	Project in Practice	Block 1-5	15 ECTS
• NIGK15006U	Field and Methods Course in Geography and Geoinformatics	Block 5+1	15 ECTS

6.1.3 Restricted elective subject elements within the minor subject

45 ECTS are to be covered as subject elements from the minor subject if the minor subject is within the field of science.

75 ECTS are to be covered as subject elements from the minor subject if the minor subject is not within the field of science.

If the student lacks less than 45 or 75 ECTS of the minor subject when the MSc Programme begins the difference must be covered as elective subject elements.

6.1.4 Elective subject elements

The elective subjects are generally covered by the subject elements which the student follows on the minor subject.

It is, however, possible to release elective subject elements if the academic minimum requirements for the minor subjects have been met – this will, e.g., be the case if one or both of the following two conditions are present:

- A subject element forms part of both the major and minor Upper Secondary School course packages (*gymnasiefagpakker*). The subject element should only be passed once, and the student has full freedom of choice in terms of the remaining ECTS.
- If less than 45 or 75 ECTS within the minor subject are missing when entering the MSc Programme.

BSc subject elements corresponding to 15 ECTS may be included in the MSc Programme as elective subjects.

Projects outside the course scope may be included in the elective section of the programme with up to 15 ECTS. The regulations are described in Appendix 5 to the shared section of the curriculum.

Projects in practice may not exceed 15 ECTS in total on the restricted elective and elective section of the programme. Project in practice may be written as a combination of the restricted elective and elective section of the programme. The regulations are described in Appendix 4 to the shared section of the curriculum.

6.1.5 Thesis

The MSc Programme in Geography and Geoinformatics includes a thesis corresponding to 30 ECTS, as described in Appendix 2 to the shared curriculum. The thesis must be written within the academic scope of the programme.

6.1.6 Academic mobility

The academic mobility is generally covered by the subject elements which the student follows on the minor subject.

The student has the possibility to arrange academic mobility in parts of the programme. This requires that the student follows the rules and regulations regarding pre-approvals and credit.

7 Exemptions

In exceptional circumstances, the study board may grant exemptions from the rules in the curriculum specified solely by the Faculty of Science.

8 Commencement etc.

8.1 Validity

This subject specific section of the curriculum applies to all students enrolled in the programme – see however Appendix 2.

8.2 Transfer

Students enrolled on previous curricula may be transferred to the new one as per the applicable transfer regulations or according to an individual credit transfer by the study board.

8.3 Amendments

The curriculum may be amended once a year so that any changes come into effect at the beginning of the academic year. Amendments must be proposed by the study board and approved by the Dean.

Notification about amendments that tighten the admission requirements for the programme will be published online at www.science.ku.dk one year before they come into effect.

If amendments are made to this curriculum, an interim arrangement may be added if necessary to allow students to complete their MSc Programme according to the amended curriculum.

Appendix 1 Tables

Tables for students admitted to the programme in September (summer):

Table – MSc Programme in Geography and Geoinformatics with a minor subject within SCIENCE

	Block 1	Block 2	Block 3	Block 4
1st year	Minor subject	Minor subject	Minor subject	Minor subject
	Minor subject	Minor subject	Restricted elective	Restricted elective
2nd year	Geografiens didaktik	Restricted elective	MSc Thesis	MSc Thesis
	Restricted elective	Restricted elective	MSc Thesis	MSc Thesis

Compulsory
 Restricted elective
 Elective
 The table illustrates the recommended academic progression. The student is allowed to plan an alternative progression within the applicable rules.

Table – MSc Programme in Geography and Geoinformatics with a minor subject outside SCIENCE

	Block 1	Block 2	Block 3	Block 4
1st year	Minor subject	Minor subject	Minor subject	Minor subject
	Minor subject	Minor subject	Minor subject	Minor subject
2nd year	Geografiens didaktik	Restricted elective	Minor subject	Minor subject
	Restricted elective	Restricted elective	Restricted elective	Restricted elective
3rd year	MSc thesis	MSc thesis		
	MSc thesis	MSc thesis		

Compulsory
 Restricted elective
 Elective
 The table illustrates the recommended academic progression. The student is allowed to plan an alternative progression within the applicable rules. Note that minor subjects outside SCIENCE may have a fixed progression.

Appendix 2 Interim arrangements

The Shared Section of the BSc and MSc Curricula for Study Programmes applies to all students.

The interim arrangements below only consist of parts where the current curriculum differs from the rules and regulations that were previously valid. Therefore, if information about relevant rules and regulations are missing, it can be found in the curriculum above.

1 General changes for students admitted in the academic year 2018/19

Students admitted to the MSc Programme in the academic year 2018/19 must finish the programme as listed in the curriculum above with the following exceptions.

Restricted elective subject elements

37.5 ECTS are to be covered as subject elements from one or both of the following lists:

Up to 15 ECTS in BSc subject elements are to be covered by subject elements from the following list, if they were not passed as part of the BSc programme:

• NGEB10012U	Jordens opbygning, dynamiske historie og ressourcer	Block 3	7.5 ECTS
• NDIA10001U	Grundkursus i de naturvidenskabelige fags didaktik	Block 4	7.5 ECTS

Up to 37,5 ECTS are to be covered as subject elements from the following list:

• Restricted elective subject elements offered in this curriculum (see above)

2 General changes for students admitted in the academic year 2017/18

Students admitted to the MSc Programme in the academic year 2017/18 must finish the programme as listed in the curriculum above with the following exceptions.

Restricted elective subject elements

37.5 ECTS are to be covered as subject elements from one or both of the following lists:

Up to 15 ECTS in BSc subject elements are to be covered by subject elements from the following list, if they were not passed as part of the BSc programme:

• NGEB10012U	Jordens opbygning, dynamiske historie og ressourcer	Block 3	7.5 ECTS
• NDIA10001U	Grundkursus i de naturvidenskabelige fags didaktik	Block 4	7.5 ECTS

Up to 37,5 ECTS are to be covered as subject elements from the following list:

• Restricted elective subject elements offered in this curriculum (see above)			
• NGEA09055U	Process Studies and Field Techniques	Discontinued*	7.5 ECTS

*See course specific changes below.

3 General changes for students admitted in the academic year 2016/17

Students admitted to the MSc Programme in the academic year 2016/17 must finish the programme as listed in the curriculum above with the following exceptions.

Restricted elective subject elements

37.5 ECTS are to be covered as subject elements from one or both of the following lists:

Up to 15 ECTS in BSc subject elements are to be covered by subject elements from the following list, if they were not passed as part of the BSc programme:

• NGEB10012U	Jordens opbygning, dynamiske historie og ressourcer	Block 3	7.5 ECTS
• NDIA10001U	Grundkursus i de naturvidenskabelige fags didaktik	Block 4	7.5 ECTS

Up to 37,5 ECTS are to be covered as subject elements from the following list:

• Restricted elective subject elements offered in this curriculum (see above)			
• NGEA09055U	Process Studies and Field Techniques	Discontinued*	7.5 ECTS
• NIGK14049U	Coastal, Estuarine and Fluvial Geoscience (Part 1)	Discontinued*	7.5 ECTS
• NIGK14043U	Environmental Soil Sciences (Part 1)	Discontinued*	7.5 ECTS
• NIGK14047U	Environment, Society and Development (Part 1) – Development Geography	Discontinued*	7.5 ECTS
• NIGK14048U	Environment, Society and Development (Part 2) – Human Environment Interactions	Discontinued*	7.5 ECTS
• NIGK14045U	Remote Sensing of the Bio-Geosphere (Part 1)	Discontinued*	7.5 ECTS
• NGEK10016U	Climate Changes: Causes, Effects, Mitigation and Adaptation	Discontinued*	7.5 ECTS
• NIGK14041U	Transformations of Cities and Landscapes (Part 1): Globalisation and Local strategies	Discontinued*	7.5 ECTS
• NIGK14050U	Coastal, Estuarine and Fluvial Geoscience (Part 2)	Discontinued*	7.5 ECTS
• NIGK14044U	Environmental Soil Sciences (Part 2)	Discontinued*	7.5 ECTS
• NIGK14042U	Transformations of Cities and Landscapes (Part 2): Globalisation and Local Strategies	Discontinued*	7.5 ECTS
• NIGK14046U	Remote Sensing of the Bio-Geosphere (Part 2)	Discontinued*	7.5 ECTS
• NGEK10019U	Ecological Climatology and Climate Change	Discontinued*	7.5 ECTS
• NIGK14038U	Spatial Analysis	Discontinued*	7.5 ECTS
• NIGK13018U	Rural-Urban Connections in the Global South	Discontinued*	7.5 ECTS
• NGEK10026U	Rural Livelihoods, Vulnerability and Adaptation	Discontinued*	7.5 ECTS
• NIGK15026U	Stable Isotope Geochemistry	Discontinued*	7.5 ECTS

*See course specific changes below.

3 Course specific changes

Discontinued course	Interim arrangement
Climate Changes: Causes, Effects, Mitigation and Adaptation (NGEK10016U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Coastal, Estuarine and Fluvial Geoscience (Part 1) (NIGK14049U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17. The course is identical to Fluvial and Estuarine Geoscience (NIGK17017U), 7.5 ECTS.
Coastal, Estuarine and Fluvial Geoscience (Part 2) (NIGK14050U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17. The course is identical to Coastal Geoscience (NIGK17014U), 7.5 ECTS.
Ecological Climatology and Climate Change (NGEK10019U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.

Environment, Society and Development (Part 1) – Development Geography (NIGK14047U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Environment, Society and Development (Part 2) – Human Environment Interactions (NIGK14048U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Environmental Soil Sciences (Part 1) (NIGK14043U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Environmental Soil Sciences (Part 2) (NIGK14044U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Process Studies and Field Techniques (NGEA09055U), 7.5 ECTS	The course was a restricted elective course in the academic year 2017/18 or earlier. The course was offered for the last time in the academic year 2017/18 and a third exam is offered in the academic year 2017/18.
Remote Sensing of the Bio-Geosphere (Part 2) (NIGK14046U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Remote Sensing Seminar and Project work (NIGK14040U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Remote Sensing of the Bio-Geosphere (Part 1) (NIGK14045U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Rural-Urban Connections in the Global South (NIGK13018U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Rural Livelihoods, Vulnerability and Adaptation (NGEK10026U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Spatial Analysis (NIGK14038U), 7.5 ECTS	The course was a restricted elective course in the academic year 2016/17 or earlier. The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.
Stable Isotope Geochemistry	The course was a restricted elective course in the academic year 2016/17 or

(NIGK15026U), 7.5 ECTS	<p>earlier.</p> <p>The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.</p>
<p>Transformations of Cities and Landscapes (Part 1): Globalisation and Local strategies (NIGK14041U), 7.5 ECTS</p>	<p>The course was a restricted elective course in the academic year 2016/17 or earlier.</p> <p>The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.</p>
<p>Transformations of Cities and Landscapes (Part 2): Globalisation and Local Strategies (NIGK14042U), 7.5 ECTS</p>	<p>The course was a restricted elective course in the academic year 2016/17 or earlier.</p> <p>The course was offered for the last time in the academic year 2016/17 and a third exam is offered in the academic year 2017/18.</p>

Appendix 3 Description of objectives for the thesis

After completing the thesis, the student should have:

Knowledge about:

- Advanced theories and methodologies of the geographical field of study.
- Scientific problems within the study programme's subject areas and the student's field(s) of specialisation.
- A suitable combination of methodologies/theories based on international research for use in his/her work with the problem formulation.
- A critical approach to natural, environmental or societal structures and changes and the process-related and spatial aspects of such changes.

Skills in/to:

- Take a scientific, problem-oriented and critical approach to geographically relevant issues within aspects of the nature, the environment or society.
- Work at a high scientific level within the geographical field of study and the student's field(s) of specialisation.
- Apply and critically evaluate theories/methodologies, including their applicability and limitations.
- Assess the extent to which the production and interpretation of findings/material depend on the theory/methodology chosen and the delimitation chosen.
- Discuss academic issues arising from the thesis.
- Draw conclusions in a clear and academic manner in relation to the problem formulation and, more generally, considering the topic and the subject area.
- Discuss and communicate the academic and social significance, if any, of the thesis based on ethical principles.

Competences in/to:

- Initiating and performing academic work in a research context.
- Identifying, proposing and preparing proposals to solving complex geographical problems in terms of theory, methodology and empiricism based on independently acquired knowledge at a high academic level.
- Integrating, discussing and putting into perspective theoretical, methodological and empirical choices, for example demonstrating reflective and critical thinking about the choices made and the possibilities and limitations of science in relation to a specific problem.
- Solving complex problems and carrying out development assignments in a work context.