# COURSE SYLLABUS

Examensarbete i informationsteknik A1E  
Master Degree Project in Informatics A1E  
22.5 credits

<table>
<thead>
<tr>
<th>Course Code: IT738A</th>
<th>Subject: Informatics</th>
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</thead>
<tbody>
<tr>
<td>The Course Syllabus is valid from: 1 January 2019</td>
<td>Main Field of Study: Informatics</td>
</tr>
<tr>
<td>Date of Approval: 8 March 2018</td>
<td>Disciplinary Domain: Technology</td>
</tr>
<tr>
<td>Version Number: 3</td>
<td>Academic Level: Advanced level</td>
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## 1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named Master Degree Project in Informatics A1E. It comprises 22.5 credits and is on advanced level. The level of progression of the course is A1E.

## 2 Objectives
After completed course the student should be able to:

- identify, formulate, argue for and solve/answer a research problem within the subject area;
- choose, argue for and apply a suitable scientific method to solve the research problem;
- explain and apply research ethical principles;
- reflect on the result in relation to the chosen problem or issue and position the result in a larger context, including both scientific, ethical, and societal aspects;
- communicate his/her research orally and in writing; and
- evaluate and critically assess scientific publications within the field of research.

## 3 Course Content
The thesis content shall deal with applications in the field of Informatics. The thesis should be a natural completion of the study programme and provides opportunity to apply acquired theoretical and practical knowledge within a project of significant size. The degree project can be carried out in cooperation with an external organization and serve as a link to industry.

The work shall be carried out in connection with research conducted in Informatics at the University of Skövde.

### Problem Description and Method 7.5 credits
This part of the thesis includes a discussion of the research problem and why the problem is considered important. Previous research and development related to the problem shall be presented. Relevant methods shall be reported and discussed.

### Complete Thesis, 15 credits
This part of the master degree project examines the complete thesis prepared by the student, including presentation and defense.

## 4 Forms of Teaching
Teaching is primarily conducted as independent work with individual supervision.

Tutoring for completion of degree project after the course is finished is normally not allowed. Any further tutoring is decided by the School of Informatics and is granted only until the second semester after the course is finished. Established additional tutoring shall be planned together with the examiner.

The teaching is conducted in English.
5 Examination
The course is graded A (Excellent), B (Very good), C (Good), D (Satisfactory), E (Sufficient) or F (Fail).

Registration of examination results:

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem description and method</td>
<td>7.5 credits</td>
<td>G/U</td>
</tr>
<tr>
<td>Complete Thesis¹</td>
<td>15 credits</td>
<td>A/B/C/D/E/F</td>
</tr>
</tbody>
</table>

¹ Determines the final grade of the course.

Students with a permanent disability who have been approved for special educational support may be offered adapted or alternative examinations.

6 Admission Requirements
Passed courses of at least 22.5 credits at advanced level in the subject of Informatics, which includes at least 7.5 credits that deepen knowledge in research methods in the subject of Informatics. In addition, English B (or equivalent).

7 Subject, Main Field of Study and Disciplinary Domain
The course forms a part of the academic subject area of Informatics. The course is a part of the main field of study in Informatics at the University of Skövde. The disciplinary domain of the course is Technology.

Every course at the University of Skövde belongs to a subject. The division of subjects is used for follow-up and quality assurance. A main field of study is an area in which a degree can be awarded. Disciplinary domain is a division which is used by the government for the allocation of resources for studies at basic level and advanced level.

8 Approval of Course and Course Syllabus
The course was approved by the Curriculum Committee for Informatics on 8 March 2018. This course syllabus was approved by the Curriculum Committee for Informatics on 8 March 2018. It is valid from 1 January 2019.

9 Overlapping with Another Course
This course cannot constitute a part of a degree also containing a course the content of which is totally or partly equivalent to the content of this course.

10 Additional Information
Further information will be available on the university’s website before a course is given.

National and local regulations for higher education are available on the university’s website.

Upon completion of the course there will be a follow-up. The main purpose of this follow-up is to contribute to improvements of the course. The students’ experiences and views constitute one of the criteria for the follow-up and are gathered by means of course evaluations. The students will be informed of the results of the follow-up and any decisions regarding actions that are to be taken.

11 Course Literature and Other Educational Materials


Additional course literature is identified by the student and selected in consultation with the supervisor.