1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named Network- and Systems Administration - Scientific Methods G2F. It comprises 7.5 credits and is on basic level. The level of progression of the course is G2F.

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

- account for the research methodological foundations relevant for analyses and projects within the area of network- and system administration,
- account for appropriate research methods related to quantitative, qualitative and design science research within the area,
- analyze data using relevant research methods suitable for the area,
- reflect upon and discuss research methods used in scientific publications and
- assess the strengths and weaknesses of a study.

3 Course Content
The course provides basic knowledge of scientific- and research methods and how data is collected and analyzed using relevant research methods within the area of network- and system administration.

4 Forms of Teaching
The teaching comprises lectures and seminars.

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).

The course examination is conducted through written individual and group assignments.

Registration of examination results:

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written assignments</td>
<td>7.5 credits</td>
<td>A/B/C/D/E/F</td>
</tr>
</tbody>
</table>

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

6 Admission Requirements
Prerequisite courses for this course are: Passed courses: IT119G-Data Communication - Introduction G1N and IT389G-System Administration and User Support G1F (or the equivalent). And an additional 45 credits in finished courses within the field of Informatics.

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 14 September 2020. This course syllabus was approved by the Curriculum Committee for Informatics on 14 September 2020. It is valid from 1 January 2021.

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, e.g. Network and System Administration - Research and Development G2F 15 credits

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

The book is also available as an e-book.

Other course literature consists of scientific articles, either provided by the teachers during the course or selected by the students themselves.