

Welcome!

Network Security and Software Technology

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Today



- ∞ Information about Linnaeus University (LnU)
- ∞ Supplemental instruction (for Network Security)
- ∞ Information about the programmes
- ∞ Studies here in Växjö
- ∞ Your first courses:
 - ∞ 1MA441 Basic Mathematics
 - ∞ 1DV501 Introduction to programming
- ∞ Registration
- ∞ Things to do next

A young University



∞ On January 1, 2010, Växjö University (Vxu) and ...

Kalmar University College (HiK) was merged into

...

Linnaeus University (Lnu)

∞ Linnaeus University has two parts/locations:

∞ Campus Växjö

∞ Campus Kalmar (100km east, by the sea)

Smoking on Campus



- ❧ The student health care is having activities for students who want to quit smoking or have problems with other drugs.
- ❧ On Campus smoking is only allowed on special designated zones outdoors.

Departments



- ❧ The Computer Science programmes are part of the faculty of technology.

- ❧ Linnaeus University (Lnu)
 - ❧ Faculty of Natural Sciences
 - ❧ Faculty of Health and Life Sciences....
 - ❧
 - ❧ Faculty of Technology (FTK)
 - ❧ Department of Mathematics
 - ❧ Department of Informatics
 - ❧ Department of Physics and Electrical Engineering...
 - ❧ ...
 - ❧ **Department of Computer Science and Media Technology**

Computer Science Contacts



- ☞ Ola Flygt, Program Director Network Security,
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(Study related questions)
- ☞ Tobias Andersson-Gidlund, Program Director Software
Technology,
office B3010, email: tobias.andersson@lnu.se
(Study related questions)
- ☞ Elisabeth Walter, Education Administrator Software
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(Course registration, Ladok information, certificates, transcripts, etc)



General Contacts



∞ Student Service (The Info Desk)

Office in the H-building, office hours

(admission, entrance card, user account, computer access, etc).

∞ Linnékåren (student union),

Office in Pelarplatsen 8

The Swedish Academic System



- ❧ A Study year (60 credits) is divided into two semesters.
 - ❧ The Autumn semester (end of August until middle of January).
 - ❧ Unofficially winter break (say, December 21 until January 10)
 - ❧ The Spring semester (around 20 of January until start of June).
 - ❧ Summer break (start of June to end of August)

- ❧ Each semester is divided into two Study Periods (SP) and ...
... each SP (usually) contains two courses (taken in parallel).

- ❧ Estimated work load is 40 hours/week => 20 hours/week for each course (when taken in parallel).

Your courses in the fall semester (HT24)



∞ Network Security and Software Technology

∞ Starting now:

∞ 1MA441 Basic mathematics for computer scientists

∞ 1DV501 Introduction to programming

∞ Starting in November:

∞ 1DV505 Programming and Data Structures

∞ 1DV503 Database Technology

Software Technology

Network Security

Year 1	lp1	1MA441 Basic Mathematics for CS	1DV501 Introduction to Programming	1MA441 Basic Mathematics for CS	1DV501 Introduction to Programming
	lp2	1DV503 Database Technology	1DV505 Programming and Data Structures	1DV503 Database Technology	1DV505 Programming and Data Structures
	lp3	1DV700 Computer Security	1DV502 Object-oriented programming	1DV700 Computer Security	1DV502 Object-oriented programming (optional)
	lp4	1DV508 Project course in Computer Science	1MA462 Discrete Mathematics	1DV508 Project course in Computer Science	1MA462 Discrete Mathematics
Year 2	lp1	1DV607 Object-Oriented Analysis and Design	1DT301 Computer Technology 1	1DV607 Object-Oriented Analysis and Design (optional)	1DT301 Computer Technology 1
	lp2	1MA133 Linear Algebra	1DV512 Operating Systems	1MA464 Cryptography and Coding Theory	1DV512 Operating System
	lp3	2DV608 Software Design	1DV701 Computer Networks - an introduction	1DV7xx Ethical Hacking and Penetration Testing	1DV701 Computer Networks - an introduction
	lp4	2DV609 Project	2DV516 Introduction to Machine Learning	1DV721 System Administration	2DV702 Internet Security
Year 3	lp1	elective course	1DV516 Algorithms and Advanced Data Structures	2DV703 Mobile and Wireless Security	2DV7xx Virtualization, cloud and storage
	lp2	2DV5XX Web Development	1DV609 Software Testing	2DV704 Digital Forensics	2DV5XX Web Development
	lp3	2DVXXX Scientific Methods	2DV604 Software Architectures	elective course	2DVXXX Scientific Methods
	lp4	2DV50E Degree Project at Bachelor Level	2DV50E Degree Project at Bachelor Level	2DV50E Degree Project at Bachelor Level	2DV50E Degree Project at Bachelor Level

ECTS grades



The ECTS (European Credit Transfer and accumulation System) grading system has been developed to help the translation from one grading system to another (within Europe). ECTS (A-F) is a system with 7 possible grades.

<u>ECTS</u>	<u>Interpretation</u>
A	Excellent: outstanding performance with only minor errors
B	Very good: above the average standard with some errors
C	Good: generally sound work with a number of notable errors
D	Satisfactory - fair but with significant shortcomings
E	Sufficient - performance meets the minimum criteria
Fx	Close: close of meeting the minimum criteria
F	Fail: considerable further work required

We also give A-F grades but they are not exactly the same as ECTS grades since they are absolute instead of relative.

How to succeed with your studies



- ❧ Good study habits are essential for academic success. The university offers a series of lectures about this.
<https://lnu.se/en/library/contact-the-library/academic-skills-centre/how-to-succeed-with-your-studies/>
- ❧ Other things to think about
 - ❧ Get the course literature and start reading from day one
 - ❧ Go to all scheduled activities
 - ❧ Ask the teachers
 - ❧ Find a few other students to study together with

Course literature



- ⌘ You can find a list of course literature in each separate course syllabus
 - ⌘ <http://kursplan.lnu.se/search>
- ⌘ Net shops (Amazon, Adlibris, Bokus etc.)
- ⌘ A few copies can be found at the library

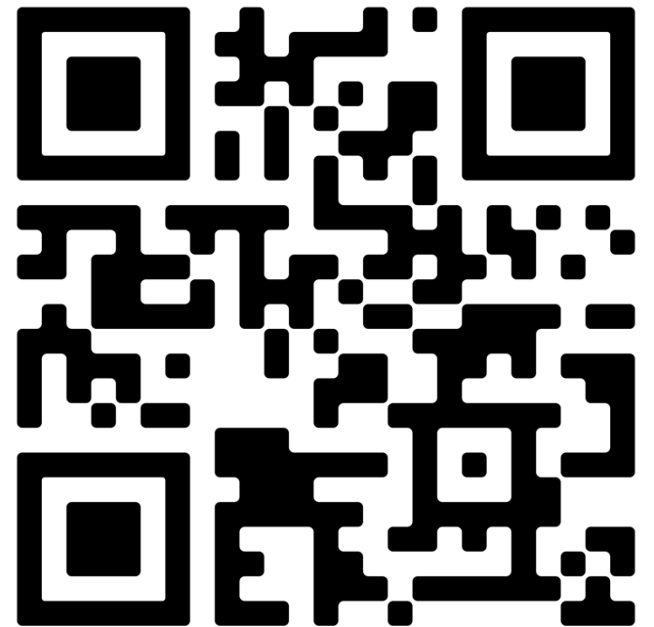
Important Web services

- ☞ Student portal (<http://lnu.se/student>)
 - ☞ Entry point (portal) for web information
 - ☞ Unique information for each type of student
- ☞ Moodle - the main Teaching platforms (Moodle.lnu.se)
 - ☞ Many courses have its own virtual classroom
 - ☞ Your classrooms can be reached from the student portal
 - ☞ Lecture slides, assignments, course news, etc.
- ☞ Slack (<http://coursepress.slack.com>)
 - ☞ It is used both by many courses and as a general chat forum
- ☞ Ladok – Student record system (link from the Student portal)
- ☞ TimeEdit - Course timetable database (<https://cloud.timeedit.net/lnu/web/>)
 - ☞ Change language to English and Select “Public TimeTables” => “TimeTables”
 - ☞ Enter course code (e.g. 1DV501) or Course event (e.g. HT24-98888) and get the course schedule
 - ☞ You can also search for when rooms are available (among other things)
- ☞ Universityadmissions.se
 - ☞ You will need to apply for next semesters courses each semester

Requirement: Many services require Lnu user account!

Registration

- ☞ Is done by yourself (in ladok).
You register on the two first courses in the programme. Do it today!
- ☞ But also give us some information about yourself here:
<https://forms.gle/RWXgXLueVNiJAQV66>
- ☞ After three weeks, you will be unregistered unless you are active on the courses!



What now?



- ⌘ Accommodation problems? Look at the information on the Student Union (Linnékåren) web.
- ⌘ Visit Student service in the H-building and ask for
 - ⌘ User account => access to and web services
 - ⌘ Key card => access to computer rooms
- ⌘ Make sure you can login at <https://lnu.se/student>
- ⌘ Check your timetables, courses start already today!