

# Programming

180 credits

Innovativ programmering, kandidatprogram

6KIPR

Valid from: 2015 Spring semester

**Determined by**

Board of Studies for Computer Science  
and Media Technology

**Date determined**

## Entry requirements

### Degree in Swedish

Kandidatexamen, 180 hp.

## Curriculum

### Semester 4 (Spring 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDIU11	Operating Systems	6	G2X	3	C
TDP022	Interactive Systems	6	G2X	4	C
TDP029	Project: Agile System Development	8*	G2X	1	C
<b>Period 2</b>					
TDDD12	Database Technology	6	G2X	4	C
TDIU16	Concurrent and Operating Systems Programming	4	G2X	3	C
TDP029	Project: Agile System Development	8*	G2X	1	C
TPTE06	Industrial Placement	6	G1X	-	E

### Semester 5 (Autumn 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDDI41	Introduction to System Administration	8*	G1X	1	C
TDP017	Company Project	10*	G2X	4	C
TDP024	Enterprise Systems	6	G2X	1	C
TDDC17	Artificial Intelligence	6	G2X	3	E
TDDD23	Design and Programming of Computer Games	6	A1X	2	E
TDDD38	Advanced Programming in C++	6*	A1X	2	E
<b>Period 2</b>					
TDDI41	Introduction to System Administration	8*	G1X	2	C
TDP017	Company Project	10*	G2X	4	C
TDDD38	Advanced Programming in C++	6*	A1X	-	E
TDDD55	Compilers and Interpreters	4	G2X	1	E
TSIT01	Computer Security	4	G2X	3	E

## Semester 6 (Spring 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDP026	Scientific Method in Programming	6	G2X	1	C
TDDA69	Data and Program Structures	6*	G2X	3	E
TDDD50	Green Computing	4	G2X	4	E
TDPO30	Language Technology	6	G2X	2	E
TEIE88	Computer Law	4	G1X	1	E
TEIO20	Entrepreneurship and New Business Development	6*	G2X	4	E
<b>Period 2</b>					
TQXX10	Degree project - Bachelor's Thesis	16	G2X	-	C
TDDA69	Data and Program Structures	6*	G2X	1	E
TEIO20	Entrepreneurship and New Business Development	6*	G2X	4	E

ECV = Elective / Compulsory / Voluntary

\*The course is divided into several semesters and/or periods