

# Programming, Bachelor's Programme

180 credits

Innovativ programmering, kandidatprogram

6KIPR

Valid from: 2016 Autumn semester

**Determined by**

Board of Studies for Computer Science  
and Media Technology

**Date determined**

2016-01-19

## Entry requirements

### Degree in Swedish

Kandidatexamen, 180 hp.

## Curriculum

### Semester 2 (Spring 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDP007	Computer Language Construction	6	G1X	-	C
TDP019	Project: Computer Language	10*	G1X	-	C
TDS04	Computer Networks and Distributed Systems	8	G2X	2	C
TGTU35	Introduction to University Studies	2*	G1X	-	V
<b>Period 2</b>					
TDP015	Mathematics	6	G1X	3	C
TDP019	Project: Computer Language	10*	G1X	-	C
TGTU35	Introduction to University Studies	2*	G1X	-	V

### Semester 3 (Autumn 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDDI16	Data Structures and Algorithms	6	G1X	3	C
TDP013	Web Programming and Interactivity	6	G2X	2	C
TDP028	Project: Entrepreneurial Programming	10*	G2X	1	C
<b>Period 2</b>					
TDDD49	Programming in C# and .NET Framework	4	G2X	3	C
TDP028	Project: Entrepreneurial Programming	10*	G2X	4	C
TSIU02	Computer Hardware and Architecture	4	G1X	2	C

## Semester 4 (Spring 2018)

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 2018)

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 2019)

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
TDP030	Language Technology	6	G2X	2	E
TEIE88	Computer Law	4	G1X	1	E
TEIO94	Entrepreneurship and Idea 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
TEIO94	Entrepreneurship and Idea Development	6*	G2X	4	E

ECV = Elective / Compulsory /Voluntary

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