

# Biology, Bachelor's Programme

180 credits

Biologi, kandidatprogram

6KBIO

Valid from: 2016 Spring semester

**Determined by**

Board of Studies for Chemistry, Biology  
and Biotechnology

**Date determined**

2016-01-19

## Entry requirements

### Degree in Swedish

Naturvetenskaplig kandidatexamen, 180 hp

### Degree in English

Degree of Bachelor of Science

# Curriculum

## Semester 2 (Spring 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
NBIA24	Genetics	6	G1X	2/3	C
NBIA25	Cell Biology	6	G1X	1/3	C
NBIB44	Scientific Methods, Analysis and Statistics	6*	G1X	4	C
TGTU35	Introduction to University Studies	2*	G1X	-	V
<b>Period 2</b>					
NBIA23	Microbiology	6	G1X	1/3	C
NBIB44	Scientific Methods, Analysis and Statistics	6*	G1X	4	C
NBIB47	Botany: Systematics and Function of Plants	6	G1X	1/2	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>					
NBIB41	Ecology	6	G1X	1/2/3	C
NBIB48	Botany: Algae, Fungus and the Biology of Photosynthesis	6	G1X	1/2/3	C
TGTU62	Professional Tools	6*	G1X	4	C
<b>Period 2</b>					
NBIB29	Principles in Physiology	6	G1X	1/2	C
NMAA17	Mathematics	6	G1X	3	C
TGTU62	Professional Tools	6*	G1X	4	C

## Semester 4 (Spring 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
NBIB35	Environmental Management	6	G1X	3/4	C
NBIB46	Sustainable Development - Project Course	6	G1X	2/4	C
NDAB02	Statistics; Theory and Application in Biology	6*	G1X	1	C
<b>Period 2</b>					
NBIC52	Molecular Genetics	6	G2X	2	C
NDAB02	Statistics; Theory and Application in Biology	6*	G1X	3	C
NBIB39	Animal Husbandry and its Administration	6	G1X	1/4	E
NBIB43	Applications of Geographic Information Systems (GIS) for Ecologists	6	G1X	1/4	E
TFKE36	Biochemistry 2	6	G2X	1/4	E
TPTE06	Industrial Placement	6	G1X	-	E

## Semester 5 (Autumn 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
NBIC19	Nature Conservation in Practise	15	G2X	1/2/3/4	E
NBIC49	Animal Function and Environmental Adaptation	15	G2X	1/2/3/4	E
<b>Period 2</b>					
NBIC29	Ecology, Second Course	15	G2X	1/2/3/4	E
NBIC47	Genes and Gene Expressions	15	G2X	2/3/4	E

## Semester 6 (Spring 2019)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
NBIC40	Ethology and Animal Welfare	15	G2X	1/2/3/4	E
NBIC48	Environmental Protection and Environmental Impact Assessments	9	G2X	2/3/4	E
NBIC50	Ecotoxicology and Environmental Monitoring	6	G2X	1	E
NBID64	Molecular Physiology and Cell Signaling Mechanisms	6	A1N	2	E
NKEB10	Analytical Chemistry - Chromatography	6	G1X	1	E
NKED15	Protein Chemistry	12	A1X	1/2	E
NVCB02	Cellbiological Methodology and Immunobiology	9	G2X	1/4	E
TFKE54	Preparation of Proteins	3	A1X	3	E
<b>Period 2</b>					
TQXX10	Degree project - Bachelor's Thesis	16	G2X	-	C

ECV = Elective / Compulsory / Voluntary

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