

# Protein Science, Master's programme

120 credits

Protein Science, masterprogram

6MPRO

Valid from: 2016 Spring semester

**Determined by** 

Board of Studies for Chemistry, Biology and Biotechnology

**Date determined** 

# **Entry requirements**

# Degree in Swedish

Naturvetenskaplig masterexamen Kemisk biologi

## Degree in English

Master of Science (120 credits) in Chemical Biology



## Curriculum

## Semester 2 (Spring 2017)

Specialisation: External

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
NKED15	Protein Chemistry	12	A1X	1/2	С
TFKE54	Preparation of Proteins	3	A1X	3	E
TFKE58	Applied Structural Biology	6*	A1X	3	E
Period 2					
NKED82	Biomolecular Design	6	A1X	1	С
NKED20	Drug Discovery and Pharmaceutical Development	6	A1X	2	E
TEAE01	Industrial Economics, Basic Course	6	G1X	2	E
TFKE58	Applied Structural Biology	6*	A1X	4	E
TGTU76	Philosophy of Science	6	G1X	4	E

Specialisation: Internal



Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
NBID64	Molecular Physiology and Cell Signaling Mechanisms	6	A1N	2	С
NDAB02	Statistics; Theory and Application in Biology	6*	G1X	1	E
NVCB02	Cellbiological Methodology and Immunobiology	9	G2X	1/4	E
TAMS11	Probability and Statistics, first course	6	G2F	1	E
TFKE58	Applied Structural Biology	6*	A1X	3	E
TGTU01	Technology and Ethics	6	G1X	1	Е
TVCB11	Cellbiological Methodology	6	G2X	1/4	E
Period 2					
NKED82	Biomolecular Design	6	A1X	1	С
NDAB02	Statistics; Theory and Application in Biology	6*	G1X	3	Е
NKED20	Drug Discovery and Pharmaceutical Development	6	A1X	2	E
TEAE01	Industrial Economics, Basic Course	6	G1X	2	E
TFKE58	Applied Structural Biology	6*	A1X	4	E
TGTU76	Philosophy of Science	6	G1X	4	E

## Semester 3 (Autumn 2017)

Specialisation: External

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TFKE33	Life Scientific Research Review	6*	A1X	4	С
TFKE57	Proteomics	6	A1X	3	С
TVMB26	Molecular Virology	6	A1X	1	С
Period 2					
TFKE33	Life Scientific Research Review	6*	A1X	4	С
TFKE48	Biomolecular Disease Processes	6	A1X	1	С
TKMJ24	Environmental Engineering	6	G1X	3	E
TVCB13	Stem Cell Engineering	6	A1X	3	E



#### Specialisation: Internal

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TQXX60	Degree project - Master's Thesis	60*		-	C/E
Period 2					
TQXX40	Degree project - Master's Thesis	45*		-	C/E
TQXX60	Degree project - Master's Thesis	60*		-	C/E

### Semester 4 (Spring 2018)

#### Specialisation: External

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TQXX30	Degree project - Master's Thesis	30*	A1X	-	C/E
Period 2					
TQXX30	Degree project - Master's Thesis	30*	A1X	-	C/E

#### Specialisation: Internal

Course code	Course name	Credits	Level	Timetable module	ECV
Period 1					
TQXX30	Degree project - Master's Thesis	30*	A1X	-	C/E
TQXX40	Degree project - Master's Thesis	45*		-	C/E
TQXX60	Degree project - Master's Thesis	60*		-	C/E
Period 2					
TQXX30	Degree project - Master's Thesis	30*	A1X	-	C/E
TQXX40	Degree project - Master's Thesis	45*		-	C/E
TQXX60	Degree project - Master's Thesis	60*		-	C/E

ECV = Elective / Compulsory /Voluntary
\*The course is divided into several semesters and/or periods

