

# Secondary School Teacher Programme with a specialization in Teaching in the Upper- Secondary School

330 credits

Ämneslärarprogrammet med inriktning mot arbete i  
gymnasieskolan

L1AGY

Valid from:

**Determined by**

The Board of Educational Science

**Date determined**

2010-05-20

**Revision date**

2015-03-19

## Introduction

Complete programme syllabus can be found here:

<https://liu.se/artikel/uv-utbildningsplaner>

## Degree in Swedish

Ämneslärarexamen med inriktning mot arbete i gymnasieskolan

## Degree in English

Degree of Master of Arts in Upper Secondary Education

Degree of Master of Science in Upper Secondary Education

## Curriculum

### Semester 1 (Autumn 2017)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
9GMA01	Mathematics: Algebra	6	G1X		
975G01	Educational Sciences 1, Didactics	5	G1X	v201734-201736	C
91MAD1	Mathematics Education 1	5.5	G1X	v201738-201751	C
91MAV1	Mathematics: Teaching practicum	1.5	G1X	v201741-201741	C
9GMA02	Mathematics: One variable calculus 1	6	G1X	v201744-201751	
9GMA03	Mathematics: Linear algebra	6	G1X	v201744-201751	

### Semester 2 (Spring 2018)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
9GMA04	Mathematics, Calculus in One Variable 2	6	G1X	v201803-201810	C
9GMA05	Mathematics: Statistics	5	G1X	v201803-201810	C
91MAD3	Mathematics Education 2	8	G1X	v201803-201822	C
9GMA08	Mathematics: Calculus in Several Variables	8	G1X	v201812-201822	C
9GMA07	Mathematics: History of Mathematics	3	G1X	v201812-201823	

## Semester 3 (Autumn 2018)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
92F1V1	French, Teaching Practise	2.5	G1X		
92FR11	French (1-27,5 cr)	27.5	G1X		
92S1V1	Spanish: Teaching Practise (28-30 cr)	2.5	G1X		E
92SP11	Spanish (1-27,5 cr)	27.5	G1X		E
92T1V1	German: Teaching Practise (28-30 cr)	2.5	G1X		E
92T1V2	Technology: Teaching Practise (28-30 cr)	3	G1X		
975GVM	Educational Scienses, Teaching Practise	1.5	G2X		E
91MA12	Mathematics: Geometry	5	G1X	v201834-201837	E
92FS11	Philosophy (1-15 cr)	15	G1X	v201834-201843	
92NK11	Natural Science (1-15 cr)	15	G1X	v201834-201843	C
92RE13	Religious Studies (1-15 Cr)	15	G1X	v201834-201843	E
92GE01	Geography (1-30 cr)	30	G1X	v201834-201903	C
92TY11	German (1-27,5 cr)	27.5	G1X	v201834-201903	
92KE11	Chemistry (1-15 cr)	15	G1X	v201836-201842	C
975G07	Educational Sciences 2, Development and Learning	8.5	G1X	v201837-201843	E
975G03	Educational Sciences 3, Knowledge Assessment	7.5	G1X	v201844-201848	E
92FS21	Philosophy (16-30 cr)	15	G1X	v201844-201903	E
92NK21	Natural Science (16-30 cr)	15	G1X	v201844-201903	C
92RE23	Religious Studies (16-30 Cr)	15	G1X	v201844-201903	E
92KE21	Chemistry (16-30 cr)	15	G1X	v201845-201851	E
975G04	Educational Sciences 4, History of Education, Societal role and values	7.5	G1X	v201849-201903	E

## Semester 4 (Spring 2019)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
92SPV3	Spanish: Teaching Practise	5	G1X	v201902-201904	E
92RE33	Religious Studies (31-37,5 Credits)	7.5	G1X	v201904-201908	E
92NK31	Natural Science (31-41,5 cr)	11.5	G1X	v201904-201910	E
92BI11	Biology (1-15 cr))	15	G1X	v201904-201923	C
92BI21	Biology (16-30 cr)	15	G1X	v201904-201923	C
92EN11	English (1-27,5 cr)	27.5	G1X	v201904-201923	E
92FR31	French (31-55 cr)	25	G1X	v201904-201923	E
92FS31	Philosophy (31-37,5 cr)	7.5	G1X	v201904-201923	E
92FS41	Philosophy (46-60 cr)	15	G1X	v201904-201923	E
92FSV3	Philosophy: Teaching Practice (38-45 cr)	7.5	G1X	v201904-201923	E
92FY11	Physics (1-15 cr)	15	G1X	v201904-201923	E
92FY21	Physics (16-30 cr)	15	G1X	v201904-201923	E
92GE31	Geography (31-52,5 cr)	22.5	G1X	v201904-201923	C
92KE31	Chemistry (31-45 cr)	15	G1X	v201904-201923	C
92KE41	Chemistry (53-60 cr)	7.5	G1X	v201904-201923	C
92KEV3	Chemistry: Teaching Practice (46-52,5 cr)	7.5	G1X	v201904-201923	C
92NKV3	Natural Science; Teaching Practice (42-49 cr)	7.5	G1X	v201904-201923	E
92SH13	Social Science (1-30 Credits)	30	G2X	v201904-201923	E

Course code	Course name	Credits	Level	Weeks	ECV
92SP31	Spanish (31-55 cr )	25	G1X	v201904-201923	E
92TK31	Technology (31-40,5 cr)	10.5	G1X	v201904-201923	E
92TK41	Technology (46-60 cr)	15	G1X	v201904-201923	E
92TKV3	Technology: Teaching Practice (41-45 cr)	4.5	G1X	v201904-201923	E
92TY31	German (31-55 cr)	25	G1X	v201904-201923	E
92TYV3	German: Teaching Practise (56-60 cr)	5	G1X	v201904-201923	E
92GEV3	Geography, Teaching Practice (52,5-60 cr)	7.5	G1X	v201909-201913	E
92REV3	Religious Education: Teaching Practice (37,5-45 cr)	7.5	G1X	v201909-201913	E
92RE43	Religiuos Studies (46-60 Credits)	15	G1X	v201914-201923	E
92E1V1	English, Teaching Practise	2.5	G1X	v201915-201917	E
92FRV3	French: Teaching Practice (56-60 cr)	5	G1X	v201916-201921	E
92NK41	Natural Science (50-60 cr)	11	G1X	v201916-201923	E

## Semester 5 (Autumn 2019)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
91MA12	Mathematics: Geometry	5	G1X	v201934-201937	C
93SH33	Social Science (31-52,5 cr)	22.5	G2X	v201934-202003	E
93EN31	English (31-55 cr)	25	G2X	v201935-202003	E
93BI32	Biology (31-37,5 cr)	7.5	G2X	v201936-201944	E
93FY31	Physics (31-37,5 cr)	7.5	G2X	v201936-201944	C
93FV3	Physics: Teaching Practice (37,5-45 cr)	7.5	G1X	v201936-201944	C
975G07	Educational Sciences 2, Development and Learning	8.5	G1X	v201937-201943	E
975GVM	Educational Sciences, Teaching Practice	1.5	G2X	v201937-201943	E
93ENV3	English: Teaching Practice (56-58 cr)	3	G2X	v201939-201940	E
93ENV4	English: Teaching practice (59-60 cr)	2	G2X	v201939-201940	E
93BI31	Biology (38-45 cr)	7.5	G1X	v201939-201944	C
975G03	Educational Sciences 3, Knowledge Assessment	7.5	G1X	v201944-201948	E
93SHV3	Social Science, Teaching Practice, (53-60 hp)	7.5	G2X	v201945-201949	E
93BI41	Biology (46-60 cr)	15	G1X	v201945-202003	C
93FY41	Physics (46-60 cr)	15	G2X	v201945-202003	C
975G04	Educational Sciences 4, History of Education, Societal role and values	7.5	G1X	v201949-202003	E

## Semester 6 (Spring 2020)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
93FY51	Physichs (61-75 cr)	15	G2X		E
93FY61	Physics (76-90 cr)	15	G2X		E
93TY51	German (61-90 cr)	30	G2X		E
93BI52	Biology (61-67,5 cr)	7.5	G2X	v202004-202008	C
93FS51	Philosophy (61-75 cr)	15	G2X	v202004-202013	E
93EN51	English (61-90 cr)	30	G2X	v202004-202023	E
93MA52	Mathematics: Mathematics Education 3	8	G2X	v202004-202023	E
93MA53	Mathematcs: Intriduction to Operations Research	4	G2X	v202004-202023	E
93MA54	Mathematics: Transform Theory	4	G2X	v202004-202023	E
93MAV3	Mathematics: Teaching Practice (69-74 cr)	6	G2X	v202004-202023	E
93SH53	Social Science (61-90 Credits)	30	G2X	v202004-202023	E
9GMA10	Mathematics (76-83 cr)	8	G2X	v202004-202023	E
92BIV3	Biology: Teaching Practice (68-75 Credits)	7.5	G2X	v202009-202013	E
93BIV3	Biology: Teaching Practice (68-75 cr)	7.5	G2X	v202009-202013	C
93BI61	Biology (76-90 cr)	15	G2X	v202014-202023	C
93FS71	Philosophy (76-90 cr)	15	G2X	v202014-202023	E

## Semester 7 (Autumn 2020)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
93UK51	Educational Sciences 5, Social Relations and Teachers' Leadership	7.5	G2X	v202034-202038	E



Course code	Course name	Credits	Level	Weeks	ECV
93FS53	Philosophy (61-75 cr)	15	G2X	v202034-202043	E
93FS63	Philosophy (61-71 credits)	15	G2X	v202034-202043	E
93RE53	Religious Studies (61-75)	15	G2X	v202034-202043	E
93TK51	Technology (61-75 cr)	15	G2X	v202034-202043	E
93FR51	French (61-90 cr)	30	G2X	v202034-202103	E
93GE53	Geography (61-90 cr)	30	G2X	v202034-202103	E
93SP51	Spanish (61-90)	30	G2X	v202034-202103	E
93XEN1	Thesis, English	15	G2E	v202034-202103	E
93NK51	Natural Science (61-75 cr)	15	G2X	v202034-202143	E
93KE51	Chemistry (61-75 cr)	15	G2X	v202036-202044	E
93XBI1	Thesis, Biology	15	G2E	v202036-202102	E
93XFY1	Thesis, Physics	15	G2E	v202036-202102	E
93UK61	Educational Sciences 6, Special Needs Education	7.5	G2X	v202039-202043	E
93FS73	Philosophy (76-90 cr)	15	G2X	v202044-202103	E
93FS83	Philosophy (76-90 cr)	15	G2X	v202044-202103	E
93NK61	Natural Science (76-90 cr)	15	G2X	v202044-202103	E
93RE63	Religious Studies (76-90)	15	G2X	v202044-202103	E
93TK61	Technology (76-90 cr)	15	G2X	v202044-202103	E
93XFS1	Thesis, Philosophy	15	G2E	v202044-202103	E
93XSH1	Thesis, Social Science	15	G2E	v202044-202103	E

Course code	Course name	Credits	Level	Weeks	ECV
93KE61	Chemistry (76-90 cr)	15	G2X	v202045-202102	E
93XMA1	Thesis, Mathematics	15	G2E	v202045-202103	E

## Semester 8 (Spring 2021)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
93FY51	Physichs (61-75 cr)	15	G2X	v202103-202112	E
93XKE1	Thesis, Chemistry	15	G2E	v202103-202122	E
93UK51	Educational Sciences 5, Social Relations and Teachers' Leadership	7.5	G2X	v202104-202108	E
93MA52	Mathematics: Mathematics Education 3	8	G2X	v202104-202123	E
93MA53	Mathematcs: Intriduction to Operations Research	4	G2X	v202104-202123	E
93MA54	Mathematics: Transform Theory	4	G2X	v202104-202123	E
93MAV3	Mathematics: Teaching Practice (69-74 cr)	6	G2X	v202104-202123	E
93UK61	Educational Sciences 6, Special Needs Education	7.5	G2X	v202109-202113	E
93FY61	Physics (76-90 cr)	15	G2X	v202113-202122	E
9GMA10	Mathematics (76-83 cr)	8	G2X	v202113-202122	E
93XFS1	Thesis, Philosophy	15	G2E	v202114-202123	E
93XGE1	Thesis, Geography	15	G2E	v202114-202123	E
93XNK1	Thesis, Natural Science	15	G2E	v202114-202123	E
93XRE1	Thesis, Religious education	15	G2E	v202114-202123	E
93XSA1	Thesis, Swedish as a second language	15	G2E	v202114-202123	E

## Semester 9 (Autumn 2021)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
9AMA74	Mathematics (91-105 Credits)	15	A1X	v202135- 202143	C
9AUK81	Educational Sciences 8, Theory of science and research methods	7.5	A1X	v202144- 202148	E
9AUK71	Educational Sciences 7, School Development and Evaluation	9*	A1X	v202149- 202204	E

## Semester 10 (Spring 2022)

*Specialisation: Subject: Mathematics*

Course code	Course name	Credits	Level	Weeks	ECV
9AUK71	Educational Sciences 7, School Development and Evaluation	9*	A1X	v202149-202204	E
9AXKE1	Thesis in Chemistry	15	A1E	v202203-202222	E
9AXEN1	Thesis in English	15	A1X	v202204-202223	E
9AXMA1	Thesis in Mathematics	15	A1X	v202204-202223	E
9AVFU3	Teaching Practice	13.5	A1X	v202205-202214	C
9AXB11	Thesis in Biology	15	A1X	v202208-202222	E
9AXFY1	Thesis in Physics	15	A1X	v202213-202222	E
9AXFS1	Thesis in Philosophy	15	A1X	v202214-202223	E
9AXGE1	Thesis in Geography	15	A1X	v202214-202223	E
9AXHI1	Thesis in History	15	A1X	v202214-202223	E
9AXNK1	Thesis in Natural Science	15	A1X	v202214-202223	E
9AXRE1	Thesis in Religious Studies	15	A1X	v202214-202223	E
9AXSA1	Thesis in Swedish as a Second Language	15	A1X	v202214-202223	E
9AXSV1	Thesis in Swedish	15	A1X	v202214-202223	E

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