

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

Ämneslärarprogrammet med inriktning mot arbete i
gymnasieskolan
330 credits

L1AGY

Valid from: 2022 Autumn semester

Determined by

The Board of Educational Science

Date determined

2020-06-04

Revised by

Course Syllabus Board at the Faculty of Educational Sciences

Revision date

2021-02-08; 2021-05-25; 2022-03-08

Registration number

LiU-2022-00831; LIU-2020-02080; LiU-2021-00869; LiU-2021-01088

Offered first time

Autumn semester 2016

Offered for the last time

Replaced by

Entry requirements

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 2023)

Specialisation: Subject: Biology

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
975G01	Educational Sciences 1, Didactics	5	G1X	v202334-202337	-	C
975G07	Educational Sciences 2, Development and Learning	8.5	G1X	v202337-202343	-	C
975GV7	Educational Sciences, Teaching Practice	1.5	G1X	v202337-202343	-	C
975G03	Educational Sciences 3, Knowledge Assessment	7.5	G1X	v202344-202348	-	C
975G04	Educational Sciences 4, History of Education, Societal role and values	7.5	G1X	v202349-202403	-	C

Semester 2 (Spring 2024)

Specialisation: Subject: Biology

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
91BI11	Biology (1-15 cr)	15	GXX	v202403-202412	-	C
91BI21	Biology (16-30 cr)	15	GXX	v202413-202422	-	C

Semester 3 (Autumn 2024)

Specialisation: Subject: Biology

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
92MA12	Mathematics: Geometry	5	GXX	v202434-202437	-	E
92BI32	Biology (31-37,5 cr)	7.5	GXX	v202434-202443	-	E
92KE11	Chemistry (1-15 cr)	15	GXX	v202434-202443	-	E
92NK11	Natural Science (1-15 cr)	15	GXX	v202434-202443	-	E
92MA16	Mathematics: Mathematics Education 1	5.5	GXX	v202434-202503	-	E
92SA13	Swedish as a second language 1-30 cr	30	GXX	v202434-202503	-	E
92BI31	Biology (38-45 cr)	7.5	GXX	v202435-202443	-	E
92MA13	Mathematics: Foundation Course in Mathematics	6	GXX	v202437-202443	-	E
92MAV1	Mathematics: Teaching practice (17-18 cr)	1.5	GXX	v202437-202443	-	E
92KE21	Chemistry (16-30 cr)	15	GXX	v202444-202502	-	E
92MA14	Mathematics: One Variable Calculus 1	6	GXX	v202444-202502	2	E
92MA15	Mathematics: Linear Algebra	6	GXX	v202444-202502	-	E
92BI41	Biology (46-60 cr)	15	GXX	v202444-202503	-	E
92NK21	Natural Science (16-30 cr)	15	GXX	v202444-202503	-	E

Semester 4 (Spring 2025)

Specialisation: Subject: Biology

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
9GMA04	Mathematics, Calculus in One Variable 2	6	GXX	v202503-202512	1	E
9GMA05	Mathematics: Statistics	5	GXX	v202503-202512	-	E
92KE33	Chemistry (31-45 cr)	15	GXX	v202503-202522	-	E
92MA32	Mathematics: Programming with a Mathematical and Didactical Perspective	6	GXX	v202503-202522	-	E
92NK31	Natural Science (31-41,5 cr)	11.5	GXX	v202504-202510	-	E
92EN13	English 1-30 credits	30	GXX	v202504-202523	-	E
92MA33	Mathematics Mathematics Education 2	5	GXX	v202504-202523	-	E
92SA33	Swedish as a second language 31-52,5 cr	22.5	GXX	v202504-202523	-	E
92SV13	Swedish (1-30 cr)	30	GXX	v202504-202523	-	E
92NKV3	Natural Science; Teaching Practice (42-49 cr)	7.5	GXX	v202511-202516	-	E
92KEV3	Chemistry: Teaching Practice (46-52,5 cr)	7.5	GXX	v202512-202517	-	E
9GMA08	Mathematics: Calculus in Several Variables	8	GXX	v202513-202522	2	E
92SAV3	Swedish as a Second Language: Teaching Practice (46-52,5 cr)	7.5	GXX	v202513-202523	-	E
92NK41	Natural Science (50-60 cr)	11	GXX	v202515-202523	-	E
92KE41	Chemistry (53-60 cr)	7.5	GXX	v202518-202522	-	E

Semester 5 (Autumn 2025)

Specialisation: Subject: Biology

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
93BI32	Biology (31-37,5 cr)	7.5	GXX	v202534-202543	-	E
93EN33	English 31-52.5 credits	22.5	G2X	v202534-202603	-	E
93SV33	Swedish (31-52,5 cr)	22.5	GXX	v202534-202603	-	E
93BI31	Biology (38-45 cr)	7.5	GXX	v202535-202543	-	E
93ENV2	Teaching Practice in English 7.5 credits	7.5	GXX	v202540-202545	-	E
93BI41	Biology (46-60 cr)	15	GXX	v202544-202603	-	E
93SVV3	Swedish: Teaching Practice (53-60 cr)	7.5	GXX	v202545-202549	-	E

Semester 6 (Spring 2026)

Specialisation: Subject: Biology

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
93BI52	Biology (61-67,5 cr)	7.5	GXX	v202603-202607	-	E
93MA52	Mathematics: Mathematics Education 3	8	GXX	v202604-202609	-	E
93EN53	English (61-90 cr)	30	GXX	v202604-202623	-	E
93MA53	Mathematics: Introduction to Operations Research	4	GXX	v202604-202623	-	E
93MA55	Mathematics: Calculus, theoretical foundation for secondary mathematics teaching	4	GXX	v202604-202623	-	E
93SV51	Swedish (61-90 cr)	30	GXX	v202604-202623	-	E
93MAV3	Mathematics: Teaching Practice (69-74 cr)	6	GXX	v202606-202610	-	E
93BIV3	Biology: Teaching Practice (68-75 cr)	7.5	GXX	v202607-202612	-	E
93BI61	Biology (76-90 cr)	15	GXX	v202613-202622	-	E
9GMA10	Mathematics (76-83 cr)	8	GXX	v202613-202622	-	E

Semester 7 (Autumn 2026)

Specialisation: Subject: Biology — Preliminary courses

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
93KE51	Chemistry (61-75 cr)	15	GXX	-	-	E
93KE61	Chemistry (76-90 cr)	15	GXX	-	-	E
93NK51	Natural Science (61-75 cr)	15	GXX	-	-	E
93NK61	Natural Science (76-90 cr)	15	GXX	-	-	E
93SA53	Swedish as a second language (61-90 cr)	30	GXX	-	-	E
93UK51	Educational Sciences 5, Social Relations and Teachers' Leadership	7.5	GXX	-	-	E
93UK82	Educational Sciences, Theory of Science and Research Methods	7.5	GXX	-	-	E
93XBI1	Thesis, Biology 1	15	GXX	-	-	E
93XEN1	Thesis, English 1	15	GXX	-	-	E
93XMA1	Thesis, Mathematics 1	15	GXX	-	-	E
93XSV1	Thesis, Swedish 1	15	GXX	-	-	E
975A11	Theory and Method in Scientific Work: Qualitative analysis	7.5	A1N	-	-	E

Semester 8 (Spring 2027)

Specialisation: Subject: Biology — Preliminary courses

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
93BI52	Biology (61-67,5 cr)	7.5	GXX	-	-	E
93BI61	Biology (76-90 cr)	15	GXX	-	-	E
93BIV3	Biology: Teaching Practice (68-75 cr)	7.5	GXX	-	-	E
93EN53	English (61-90 cr)	30	GXX	-	-	E
93MA52	Mathematics: Mathematics Education 3	8	GXX	-	-	E
93MA53	Mathematics: Introduction to Operations Research	4	GXX	-	-	E
93MA55	Mathematics: Calculus, theoretical foundation for secondary mathematics teaching	4	GXX	-	-	E
93MAV3	Mathematics: Teaching Practice (69-74 cr)	6	GXX	-	-	E
93UK51	Educational Sciences 5, Social Relations and Teachers' Leadership	7.5	GXX	-	-	E
93UK82	Educational Sciences, Theory of Science and Research Methods	7.5	GXX	-	-	E
93XBI1	Thesis, Biology 1	15	GXX	-	-	E
93XKE1	Thesis, Chemistry 1	15	GXX	-	-	E
93XNK1	Thesis, Natural Science 1	15	GXX	-	-	E
93XSA1	Thesis, Swedish as a second language 1	15	GXX	-	-	E
975A12	Theory and Method in Scientific Work: Statistics for teachers	7.5	AXX	-	-	E
9GMA10	Mathematics (76-83 cr)	8	GXX	-	-	E

Semester 9 (Autumn 2027)

Specialisation: Subject: Biology — Preliminary courses

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
975A13	Didactics and Teaching Development	15*	AXX		-	E
975AX1	Master's thesis in pedagogic practices specializing in subject-specific education	30*	A1N		-	E
9ABI73	Biology (91-105)	15	AXX		-	C
9AUK62	Educational Sciences, Special Needs Education	7.5	AXX		-	E
9AUK71	Educational Sciences 7, School Development and Evaluation	9*	AXX		-	E

Semester 10 (Spring 2028)

Specialisation: Subject: Biology — Preliminary courses

Course code	Course name	Credits	Level	Weeks	Timetable module	ECV
975A13	Didactics and Teaching Development	15*	AXX		-	E
975AX1	Master's thesis in pedagogic practices specializing in subject-specific education	30*	A1N		-	E
9AUK71	Educational Sciences 7, School Development and Evaluation	9*	AXX		-	E
9AVFU3	Teaching Practice	13.5	AXX		-	C
9AXBI1	Thesis in Biology 2	15	AXX		-	E
9AXEN1	Thesis in English 2	15	AXX		-	E
9AXKE1	Thesis in Chemistry 12	15	AXX		-	E
9AXMA1	Thesis in Mathematics 2	15	AXX		-	E
9AXNK1	Thesis in Natural Science 2	15	AXX		-	E
9AXSA1	Thesis in Swedish as a Second Language 2	15	AXX		-	E
9AXSV1	Thesis in Swedish 2	15	AXX		-	E

ECV = Elective / Compulsory / Voluntary

*Kursen läses över flera terminer