

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: 2024 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; 2023-09-07; 2023-12-19

Registration number

LiU-2023-00186; LiU-2023-03333; 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

Vid utökad studiegång: Filosofie masterexamen i pedagogiskt arbete med ämnesdidaktisk inriktning

Degree in English

Master of Arts in Upper Secondary Education

Master of Science in Upper Secondary Education

Master of Arts in Pedagogic Practices Specializing in Subject-Specific Education

Curriculum

Semester 1 (Autumn 2024)

Specialisation: Subject: Biology

| Course code | Course name | Credits | Level | Weeks | Timetable module | ECV |
|-------------|--|---------|-------|----------------|------------------|-----|
| 975G01 | Educational Sciences 1, Didactics | 5 | GXX | v202434-202437 | - | C |
| 975G07 | Educational Sciences 2, Development and Learning | 8.5 | GXX | v202437-202443 | - | C |
| 975GV7 | Educational Sciences, Teaching Practice | 1.5 | GXX | v202437-202443 | - | C |
| 975G03 | Educational Sciences 3, Knowledge Assessment | 7.5 | GXX | v202444-202448 | - | C |
| 975G04 | Educational Sciences 4, History of Education, Societal role and values | 7.5 | GXX | v202449-202503 | - | C |

Semester 2 (Spring 2025)

Specialisation: Subject: Biology

| Course code | Course name | Credits | Level | Weeks | Timetable module | ECV |
|-------------|--------------------|---------|-------|----------------|------------------|-----|
| 91BI11 | Biology (1-15 cr) | 15 | GXX | v202503-202512 | - | C |
| 91BI21 | Biology (16-30 cr) | 15 | GXX | v202513-202522 | - | C |

Semester 3 (Autumn 2025)

Specialisation: Subject: Biology

| Course code | Course name | Credits | Level | Weeks | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 92MA12 | Mathematics: Geometry | 5 | GXX | v202534-202537 | - | E |
| 92BI32 | Biology (31-37,5 cr) | 7.5 | GXX | v202534-202543 | - | E |
| 92KE11 | Chemistry (1-15 cr) | 15 | GXX | v202534-202543 | - | E |
| 92NK11 | Natural Science (1-15 cr) | 15 | GXX | v202534-202543 | - | E |
| 92MA16 | Mathematics: Mathematics Education 1 | 5.5 | GXX | v202534-202603 | - | E |
| 92SA13 | Swedish as a second language 1-30 cr | 30 | GXX | v202534-202603 | - | E |
| 92BI31 | Biology (38-45 cr) | 7.5 | GXX | v202535-202543 | - | E |
| 92MA13 | Mathematics: Foundation Course in Mathematics | 6 | GXX | v202537-202543 | - | E |
| 92MAV1 | Mathematics: Teaching practice (17-18 cr) | 1.5 | GXX | v202537-202543 | - | E |
| 92KE21 | Chemistry (16-30 cr) | 15 | GXX | v202544-202602 | - | E |
| 92MA14 | Mathematics: One Variable Calculus 1 | 6 | GXX | v202544-202602 | 2 | E |
| 92MA15 | Mathematics: Linear Algebra | 6 | GXX | v202544-202602 | - | E |
| 92BI41 | Biology (46-60 cr) | 15 | GXX | v202544-202603 | - | E |
| 92NK21 | Natural Science (16-30 cr) | 15 | GXX | v202544-202603 | - | E |

Semester 4 (Spring 2026)

Specialisation: Subject: Biology

| Course code | Course name | Credits | Level | Weeks | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 9GMA04 | Mathematics, Calculus in One Variable 2 | 6 | GXX | v202603-202612 | 1 | E |
| 9GMA05 | Mathematics: Statistics | 5 | GXX | v202603-202612 | - | E |
| 92KE33 | Chemistry (31-45 cr) | 15 | GXX | v202603-202622 | - | E |
| 92MA32 | Mathematics: Programming with a Mathematical and Didactical Perspective | 6 | GXX | v202603-202622 | - | E |
| 92NK31 | Natural Science (31-41,5 cr) | 11.5 | GXX | v202604-202610 | - | E |
| 92EN13 | English 1-30 credits | 30 | GXX | v202604-202623 | - | E |
| 92MA33 | Mathematics Mathematics Education 2 | 5 | GXX | v202604-202623 | - | E |
| 92SA33 | Swedish as a second language 31-52,5 cr | 22.5 | GXX | v202604-202623 | - | E |
| 92SV13 | Swedish (1-30 cr) | 30 | GXX | v202604-202623 | - | E |
| 92NKV3 | Natural Science; Teaching Practice (42-49 cr) | 7.5 | GXX | v202611-202616 | - | E |
| 92KEV3 | Chemistry: Teaching Practice (46-52,5 cr) | 7.5 | GXX | v202612-202617 | - | E |
| 9GMA08 | Mathematics: Calculus in Several Variables | 8 | GXX | v202613-202622 | 2 | E |
| 92SAV3 | Swedish as a Second Language: Teaching Practice (46-52,5 cr) | 7.5 | GXX | v202613-202623 | - | E |
| 92NK41 | Natural Science (50-60 cr) | 11 | GXX | v202615-202623 | - | E |
| 92KE41 | Chemistry (53-60 cr) | 7.5 | GXX | v202618-202622 | - | E |

Semester 5 (Autumn 2026)

Specialisation: Subject: Biology — Preliminary courses

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

Semester 6 (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 |
| 93SV51 | Swedish (61-90 cr) | 30 | GXX | - | - | E |
| 9GMA10 | Mathematics (76-83 cr) | 8 | GXX | - | - | E |

Semester 7 (Autumn 2027)

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 2028)

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 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 |
| 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 2029)

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 |
| 9AXB11 | 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