

# 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: 2019 Autumn semester

**Determined by**  
The Board of Educational Science

**Date determined**  
2018-06-12

## 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 2019)

*Specialisation: Subject: Mathematics*

| Course code | Course name                                      | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|--|---------|-------|----------------|------------------|-----|
| 975G01      | Educational Sciences 1, Didactics                | 5       | G1X   | v201934-201936 | -                | C   |
| 91MA14      | Mathematics: One Variable Calculus 1             | 6       | G1X   | v201934-202003 | -                | C   |
| 91MA15      | Mathematics: Linear Algebra                      | 6       | G1X   | v201934-202003 | -                | C   |
| 91MA16      | Mathematics: Mathematics Education 1             | 5.5     | G1X   | v201934-202003 | -                | C   |
| 91MA13      | Mathematics: Foundation Course in Mathematics    | 6       | G1X   | v201936-201944 | -                | C   |
| 975G07      | Educational Sciences 2, Development and Learning | 8.5     | G1X   | v201937-201943 | -                | C   |
| 91MA16      | Mathematics: Mathematics Education 1             | 5.5     | G1X   | v201938-202003 | -                | C   |
| 91MAV1      | Mathematics: Teaching practicum                  | 1.5     | G1X   | v201941-201941 | -                | C   |
| 975G03      | Educational Sciences 3, Knowledge Assessment     | 7.5     | G1X   | v201944-201948 | -                | C   |

## Semester 2 (Spring 2020)

*Specialisation: Subject: Mathematics*

| Course code | Course name   | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 9GMA04      | Mathematics, Calculus in One Variable 2                                 | 6       | G1X   | v202004-202012 | -                | C   |
| 9GMA05      | Mathematics: Statistics   | 5       | G1X   | v202004-202013 | -                | C   |
| 91MA32      | Mathematics: Programming with a Mathematical and Didactical Perspective | 6       | G1X   | v202004-202023 | -                | E   |
| 91MA33      | Mathematics: Mathematics Education 2                                    | 5       | G1X   | v202004-202023 | -                | C   |
| 9GMA08      | Mathematics: Calculus in Several Variables                              | 8       | G1X   | v202004-202023 | -                | C   |

## Semester 3 (Autumn 2020)

*Specialisation: Subject: Mathematics*

| Course code | Course name                                   | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 91MA12      | Mathematics: Geometry                         | 5       | G1X   | v202034-202037 | -                | E   |
| 92MA12      | Mathematics: Geometry                         | 5       | G1X   | v202034-202037 | -                | E   |
| 92FS11      | Philosophy (1-15 cr)                          | 15      | G1X   | v202034-202043 | -                | E   |
| 92NK11      | Natural Science (1-15 cr)                     | 15      | G1X   | v202034-202043 | -                | E   |
| 92RE13      | Religious Studies (1-15 Cr)                   | 15      | G1X   | v202034-202043 | -                | E   |
| 92GE01      | Geography (1-30 cr)                           | 30      | G1X   | v202034-202103 | -                | E   |
| 92MAV1      | Mathematics: Teaching practice (17-18 cr)     | 1.5     | G1X   | v202034-202103 | -                | E   |
| 92KE11      | Chemistry (1-15 cr)                           | 15      | G1X   | v202036-202044 | -                | C   |
| 92MA13      | Mathematics: Foundation Course in Mathematics | 6       | G1X   | v202036-202044 | -                | E   |
| 92MA16      | Mathematics: Mathematics Education 1          | 5.5     | G1X   | v202036-202103 | -                | E   |

| Course code | Course name  | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|--|---------|-------|----------------|------------------|-----|
| 975G07      | Educational Sciences 2, Development and Learning                       | 8.5     | G1X   | v202037-202043 | -                | E   |
| 975GVM      | Educational Sciences, Teaching Practice                                | 1.5     | G2X   | v202037-202043 | -                | E   |
| 975G03      | Educational Sciences 3, Knowledge Assessment                           | 7.5     | G1X   | v202044-202048 | -                | E   |
| 92FS21      | Philosophy (16-30 cr)  | 15      | G1X   | v202044-202103 | -                | E   |
| 92NK21      | Natural Science (16-30 cr)   | 15      | G1X   | v202044-202103 | -                | E   |
| 92RE23      | Religious Studies (16-30 Cr)   | 15      | G1X   | v202044-202103 | -                | E   |
| 92KE21      | Chemistry (16-30 cr)   | 15      | G1X   | v202045-202102 | -                | E   |
| 92MA14      | Mathematics: One Variable Calculus 1                                   | 6       | G1X   | v202045-202103 | -                | E   |
| 92MA15      | Mathematics: Linear Algebra  | 6       | G1X   | v202045-202103 | -                | E   |
| 975G04      | Educational Sciences 4, History of Education, Societal role and values | 7.5     | G1X   | v202049-202103 | -                | E   |

*Specialisation: Subject: Swedish*

| Course code | Course name                             | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 92SA11      | Swedish as a second language (1-15 cr)  | 15      | G1X   | v202034-202043 | -                | E   |
| 92SA21      | Swedish as a second language (16-30 cr) | 15      | G1X   | v202044-202103 | -                | E   |

**Semester 4 (Spring 2021)**

*Specialisation: Subject: Mathematics*

| Course code | Course name                             | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 92FY11      | Physics (1-15 cr)                       | 15      | G1X   | v202103-202112 | -                | E   |
| 92KE33      | Chemistry (31-45 cr)                    | 15      | G1X   | v202103-202112 | -                | E   |
| 9GMA04      | Mathematics, Calculus in One Variable 2 | 6       | G1X   | v202103-202112 | 1                | E   |

| Course code | Course name   | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 9GMA05      | Mathematics: Statistics   | 5       | G1X   | v202103-202112 | -                | E   |
| 92FS31      | Philosophy (31-37,5 cr)   | 7.5     | G1X   | v202104-202108 | -                | E   |
| 92NK31      | Natural Science (31-41,5 cr)  | 11.5    | G1X   | v202104-202110 | -                | E   |
| 92RE43      | Religious Studies (46-60 Credits)                                       | 15      | G1X   | v202104-202115 | -                | E   |
| 92FRLV      | French: Teaching Practice   | 7.5     | G1X   | v202104-202123 | -                | E   |
| 92GE33      | Geography (31-52,5 cr)  | 22.5    | G1X   | v202104-202123 | -                | E   |
| 92MA32      | Mathematics: Programming with a Mathematical and Didactical Perspective | 6       | G1X   | v202104-202123 | -                | E   |
| 92MA33      | Mathematics Mathematics Education 2                                     | 5       | G1X   | v202104-202123 | -                | E   |
| 92SPLV      | Spanish: Teaching Practice  | 7.5     | G1X   | v202104-202123 | -                | E   |
| 92TYLV      | German: Teaching Practice   | 7.5     | G1X   | v202104-202123 | -                | E   |
| 92FSV3      | Philosophy: Teaching Practice (38-45 cr)                                | 7.5     | G1X   | v202109-202113 | -                | E   |
| 92GEV3      | Geography, Teaching Practice (52,5-60 cr)                               | 7.5     | G1X   | v202109-202113 | -                | E   |
| 92NKV3      | Natural Science; Teaching Practice (42-49 cr)                           | 7.5     | G1X   | v202111-202115 | -                | E   |
| 92KEV3      | Chemistry: Teaching Practice (46-52,5 cr)                               | 7.5     | G1X   | v202112-202117 | -                | E   |
| 92REV3      | Religious Education: Teaching Practice (37,5-45 cr)                     | 7.5     | G1X   | v202113-202118 | -                | E   |
| 92FY21      | Physics (16-30 cr)  | 15      | G1X   | v202113-202122 | -                | E   |
| 9GMA08      | Mathematics: Calculus in Several Variables                              | 8       | G1X   | v202113-202122 | 2                | E   |
| 92FS41      | Philosophy (46-60 cr)   | 15      | G1X   | v202114-202123 | -                | E   |
| 92NK41      | Natural Science (50-60 cr)  | 11      | G1X   | v202116-202123 | -                | E   |

| Course code | Course name                         | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|-------------------------------------|---------|-------|----------------|------------------|-----|
| 92KE41      | Chemistry (53-60 cr)                | 7.5     | G1X   | v202118-202122 | -                | E   |
| 92RE33      | Religious Studies (31-37,5 Credits) | 7.5     | G1X   | v202119-202123 | -                | E   |

## Semester 5 (Autumn 2021)

*Specialisation: Subject: Mathematics*

| Course code | Course name                                      | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|--|---------|-------|----------------|------------------|-----|
| 91MA12      | Mathematics: Geometry                            | 5       | G1X   | v202134-202136 | -                | E   |
| 93EN31      | English (31-55 cr)                               | 25      | G2X   | v202134-202203 | -                | E   |
| 93SH33      | Social Science (31-52,5 cr)                      | 22.5    | G2X   | v202134-202203 | -                | E   |
| 93SV33      | Swedish (31-52,5 cr)                             | 22.5    | G2X   | v202134-202203 | -                | E   |
| 93BI32      | Biology (31-37,5 cr)                             | 7.5     | G2X   | v202135-202143 | -                | E   |
| 93FY31      | Physics (31-37,5 cr)                             | 7.5     | G2X   | v202135-202143 | -                | E   |
| 93FV3       | Physics: Teaching Practice (37,5-45 cr)          | 7.5     | G1X   | v202135-202143 | -                | E   |
| 975G07      | Educational Sciences 2, Development and Learning | 8.5     | G1X   | v202137-202143 | -                | E   |
| 975GVM      | Educational Sciences, Teaching Practice          | 1.5     | G2X   | v202137-202143 | -                | E   |
| 93BI31      | Biology (38-45 cr)                               | 7.5     | G1X   | v202138-202143 | -                | E   |
| 93ENV3      | English: Teaching Practice (56-58 cr)            | 3       | G2X   | v202139-202140 | -                | E   |
| 93SV3       | Swedish: Teaching Practice (53-60 cr)            | 7.5     | G2X   | v202143-202148 | -                | E   |
| 975G03      | Educational Sciences 3, Knowledge Assessment     | 7.5     | G1X   | v202144-202148 | -                | E   |
| 93BI41      | Biology (46-60 cr)                               | 15      | G1X   | v202144-202202 | -                | E   |

| Course code | Course name  | Credits | Level | Weeks              | Timetable module | ECV |
|-------------|--|---------|-------|--------------------|------------------|-----|
| 93FY41      | Physics (46-60 cr)   | 15      | G2X   | v202144-<br>202202 | 2                | E   |
| 93ENV4      | English: Teaching practice (59-60 cr)                                  | 2       | G2X   | v202145-<br>202145 | -                | E   |
| 93SHV3      | Social Science, Teaching Practice, (53-60 hp)                          | 7.5     | G2X   | v202145-<br>202149 | -                | E   |
| 975G04      | Educational Sciences 4, History of Education, Societal role and values | 7.5     | G1X   | v202149-<br>202203 | -                | E   |

## Semester 6 (Spring 2022)

*Specialisation: Subject: Mathematics*



| Course code | Course name                                     | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 93BI52      | Biology (61-67,5 cr)                            | 7.5     | G2X   | v202203-202207 | -                | E   |
| 93FY51      | Physichs (61-75 cr)                             | 15      | G2X   | v202203-202212 | -                | E   |
| 93MA52      | Mathematics: Mathematics Education 3            | 8       | G2X   | v202204-202209 | -                | E   |
| 93EN51      | English (61-90 cr)                              | 30      | G2X   | v202204-202223 | -                | E   |
| 93MA53      | Mathematcs: Intriduction to Operations Research | 4       | G2X   | v202204-202223 | -                | E   |
| 93MA54      | Mathematics: Transform Theory                   | 4       | G2X   | v202204-202223 | -                | E   |
| 93MAV3      | Mathematics: Teaching Practice (69-74 cr)       | 6       | G2X   | v202204-202223 | -                | E   |
| 93SH53      | Social Science (61-90 Credits)                  | 30      | G2X   | v202204-202223 | -                | E   |
| 93SV51      | Swedish (61-90 cr)                              | 30      | G2X   | v202204-202223 | -                | E   |
| 93BIV3      | Biology: Teaching Practice (68-75 cr)           | 7.5     | G2X   | v202208-202212 | -                | E   |
| 93BI61      | Biology (76-90 cr)                              | 15      | G2X   | v202213-202222 | -                | E   |
| 93FY61      | Physics (76-90 cr)                              | 15      | G2X   | v202213-202222 | -                | E   |
| 9GMA10      | Mathematics (76-83 cr)                          | 8       | G2X   | v202213-202222 | -                | E   |

## Semester 7 (Autumn 2022)

### *Specialisation: Subjct: Mathematics*

| Course code | Course name   | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 93UK51      | Educational Sciences 5, Social Relations and Teachers' Leadership | 7.5     | G2X   | v202234-202238 | -                | E   |
| 93FS53      | Philosophy (61-75 cr)   | 15      | G2X   | v202234-202243 | -                | E   |
| 93FS63      | Philosophy (61-71 credits)  | 15      | G2X   | v202234-202243 | -                | E   |

| Course code | Course name   | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 93NK51      | Natural Science (61-75 cr)                                    | 15      | G2X   | v202234-202243 | -                | E   |
| 93RE53      | Religious Studies (61-75)                                     | 15      | G2X   | v202234-202243 | -                | E   |
| 93GE53      | Geography (61-90 cr)  | 30      | G2X   | v202234-202303 | -                | E   |
| 93SA53      | Swedish as a second language (61-90 cr)                       | 30      | G2X   | v202234-202303 | -                | E   |
| 93KE51      | Chemistry (61-75 cr)  | 15      | G2X   | v202235-202243 | -                | E   |
| 93UK82      | Educational Sciences , Theory of science and research methods | 7.5     | G2X   | v202239-202243 | -                | E   |
| 93KE61      | Chemistry (76-90 cr)  | 15      | G2X   | v202244-202302 | -                | E   |
| 93XMA1      | Thesis, Mathematics   | 15      | G2E   | v202244-202302 | -                | E   |
| 93FS73      | Philosophy (76-90 cr)   | 15      | G2X   | v202244-202303 | -                | E   |
| 93FS83      | Philosophy (76-90 cr)   | 15      | G2X   | v202244-202303 | -                | E   |
| 93NK61      | Natural Science (76-90 cr)                                    | 15      | G2X   | v202244-202303 | -                | E   |
| 93RE63      | Religious Studies (76-90)                                     | 15      | G2X   | v202244-202303 | -                | E   |
| 93XBI1      | Thesis, Biology   | 15      | G2E   | v202244-202303 | -                | E   |
| 93XEN1      | Thesis, English   | 15      | G2E   | v202244-202303 | -                | E   |
| 93XFY1      | Thesis, Physics   | 15      | G2E   | v202244-202303 | -                | E   |
| 93XSH1      | Thesis, Social Science  | 15      | G2E   | v202244-202303 | -                | E   |
| 93XSV1      | Thesis, Swedish   | 15      | G2E   | v202244-202303 | -                | E   |

## Semester 8 (Spring 2023)

*Specialisation: Subject: Mathematics*

| Course code | Course name  | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|--|---------|-------|----------------|------------------|-----|
| 93BI52      | Biology (61-67,5 cr)   | 7.5     | G2X   | v202303-202307 | -                | E   |
| 93FY51      | Physichs (61-75 cr)  | 15      | G2X   | v202303-202312 | -                | E   |
| 93UK51      | Educational Sciences 5, Social Relations and Teachers' Leadership                | 7.5     | G2X   | v202304-202308 | -                | E   |
| 93MA52      | Mathematics: Mathematics Education 3   | 8       | G2X   | v202304-202309 | -                | E   |
| 93EN51      | English (61-90 cr)   | 30      | G2X   | v202304-202323 | -                | E   |
| 93MA53      | Mathematcs: Intriduction to Operations Research                                  | 4       | G2X   | v202304-202323 | -                | E   |
| 93MA55      | Mathematics: Calculus, theoretical foundation for secondary mathematics teaching | 4       | G2X   | v202304-202323 | -                | E   |
| 93MAV3      | Mathematics: Teaching Practice (69-74 cr)  | 6       | G2X   | v202304-202323 | -                | E   |
| 93BIV3      | Biology: Teaching Practice (68-75 cr)  | 7.5     | G2X   | v202308-202312 | -                | E   |
| 93UK82      | Educational Sciences , Theory of science and research methods                    | 7.5     | G2X   | v202309-202313 | -                | E   |
| 93BI61      | Biology (76-90 cr)   | 15      | G2X   | v202313-202322 | -                | E   |
| 93FY61      | Physics (76-90 cr)   | 15      | G2X   | v202313-202322 | -                | E   |
| 9GMA10      | Mathematics (76-83 cr)   | 8       | G2X   | v202313-202322 | -                | E   |
| 93XFS1      | Thesis, Philosophy   | 15      | G2E   | v202314-202323 | -                | E   |
| 93XGE1      | Thesis, Geography  | 15      | G2E   | v202314-202323 | -                | E   |
| 93XKE1      | Thesis, Chemistry  | 15      | G2E   | v202314-202323 | -                | E   |
| 93XMA1      | Thesis, Mathematics  | 15      | G2E   | v202314-202323 | -                | E   |
| 93XNK1      | Thesis, Natural Science  | 15      | G2E   | v202314-202323 | -                | E   |

| Course code | Course name                          | Credits | Level | Weeks              | Timetable module | ECV |
|-------------|--------------------------------------|---------|-------|--------------------|------------------|-----|
| 93XRE1      | Thesis, Religious education          | 15      | G2E   | v202314-<br>202323 | -                | E   |
| 93XSA1      | Thesis, Swedish as a second language | 15      | G2E   | v202314-<br>202323 | -                | E   |

## Semester 9 (Autumn 2023)

*Specialisation: Subject: Mathematics*

| Course code | Course name   | Credits | Level | Weeks              | Timetable module | ECV |
|-------------|---|---------|-------|--------------------|------------------|-----|
| 9AMA74      | Mathematics (91-105 Credits)                              | 15      | A1X   | v202334-<br>202343 | -                | C   |
| 9AUK62      | Educational Sciences, Special Needs Education             | 7.5     | A1X   | v202344-<br>202348 | -                | E   |
| 9AUK71      | Educational Sciences 7, School Development and Evaluation | 9*      | A1X   | v202349-<br>202404 | -                | E   |

## Semester 10 (Spring 2024)

*Specialisation: Subject: Mathematics*

| Course code | Course name   | Credits | Level | Weeks          | Timetable module | ECV |
|-------------|---|---------|-------|----------------|------------------|-----|
| 9AUK71      | Educational Sciences 7, School Development and Evaluation | 9*      | A1X   | v202349-202404 | -                | E   |
| 9AVFU3      | Teaching Practice   | 13.5    | AXX   | v202405-202415 | -                | C   |
| 9AXB11      | Thesis in Biology 2                                       | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXEN1      | Thesis in English 2                                       | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXFS1      | Thesis in Philosophy 2                                    | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXFY1      | Thesis in Physics 2                                       | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXGE1      | Thesis in Geography 2                                     | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXHI1      | Thesis in History 2                                       | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXKE1      | Thesis in Chemistry 12                                    | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXMA1      | Thesis in Mathematics 2                                   | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXNK1      | Thesis in Natural Science 2                               | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXRE1      | Thesis in Religious Studies 2                             | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXSA1      | Thesis in Swedish as a Second Language 2                  | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXSH1      | Thesis in Social Science 2                                | 15      | AXX   | v202408-202423 | -                | E   |
| 9AXSV1      | Thesis in Swedish 2                                       | 15      | AXX   | v202408-202423 | -                | E   |

ECV = Elective / Compulsory /Voluntary

\*Kursen läses över flera terminer