



Guide

Mandatory before admission

Voluntary before admission

To be checked or filled out at follow up

Individual study plan for postgraduate studies

Reference number

ISP 2024 xxx

Agreement doctoral student

Date

Agreement principal supervisor

Date

Established by Head of Department or equivalent

Date

1. Basic information

1.1 Doctoral student

Name

PhD student name

Civic registration number

19812345-6789

Phone number

Email address

email@gu.se

Home address

Adressgatan 1
234 56
Staden

1.2 Organisation

Faculty

SAHLGRENSKA ACADEMY

Department

Is called "institute" at Sahlgrenska academy

Section, unit or equivalent

Participating departments and/or divisions

-- value missing --

Other participating institutes of higher education and organizations

-- value missing --

1.3 Education

Research subject

For example Medical science (MV)

SCB subject

Enter subject

Admission applies to

Doctoral degree

PhD students at Sahlgrenska academy are as a rule admitted with the goal of obtaining a doctoral degree

Date of commencement of studies

2024-xx-xx

Permanent leave from studies

-- value missing --

Education fulfilling entry requirements

For example Master

Graduate school

Intending to obtain Licentiate degree

No

Intending to obtain doctoral degree

Enter semester and year of planned disputation

Information about the general study syllabus

General study syllabus in XX science: GU 2022/xxxx

Indicate which general study syllabus

- Pharmaceutical science: GU 2022/2625
- Basic medicine: GU 2022/2619
- Medical science: GU 2922/2622
- Odontological science: GU 2022/2624
- Health care science: GU 2022/2621

The doctoral student has read the general study syllabus

Yes

2. Rate of study and Student finance

2.1 Time plan

Current rate of study is collected by the system from what is reported every semester in Ladok

Current rate of study - Ladok

| Year | Semester | % | Comment |
|------|----------|---|---------|
| | | | |

Total current study period used (%) - Ladok

-- value missing --

Comment

-- value missing --

Employment period used (%) - Data warehouse

-- value missing --

Comment

-- value missing --

Planned rate of study

Enter planned rate of study ranging from 50%-100% for the entire period of education (8 semesters if full-time studies, 16 semesters if part-time studies)

| Year | Semester | % | Comment |
|------|----------|-----|---------|
| 2024 | Spring | 100 | |
| 2024 | Autumn | 100 | |
| 2025 | Spring | 100 | |
| 2025 | Autumn | 100 | |
| 2026 | Spring | 100 | |
| 2026 | Autumn | 100 | |
| 2027 | Spring | 100 | |
| 2027 | Autumn | 100 | |

2.2 Fundings

Current funding - Ladok

| Year | Semester | % | Form |
|------|----------|---|------|
| | | | |

Types of funding at Sahlgrenska academy are usually

- Medical post USL (employed as a physician or other healthcare professional)
- Externally employed third-cycle student FTG (employed by an external company)
- Other post outside a higher education institution AUH (for PhD students employed within another region in Sweden)
- Doctoral studentship DTJ (For PhD students employed by University of Gothenburg)

Planned funding

| Year | Semester | % | Form | Comment |
|------|----------|-----|----------------------|--|
| 2024 | Spring | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |
| 2024 | Autumn | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |
| 2025 | Spring | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |

No matter the rate of study - the % of finance is always 100%
Under "Comment" please specify the source of finance

| Year | Semester | % | Form | Comment |
|------|----------|-----|----------------------|--|
| 2025 | Autumn | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |
| 2026 | Spring | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |
| 2026 | Autumn | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |
| 2027 | Spring | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |
| 2027 | Autumn | 100 | Doctoral studentship | Source of finance: Vetenskapsrådet 50% Strålskyddsmyndigheten 50% |

2.3 Departmental duties: to date and planned

If departmental duties are applicable, enter up to 20% and reduce the rate of study in 2.1 to correspond with the departmental duties.

| Year | Semester | %/days/hrs | Task |
|------|----------|------------|------|
| | | % | |

2.4 Past and present leaves/appointments eligible for extensions

| Year | Semester | %/days/hrs | Reason | Description |
|------|----------|------------|--------|-------------|
| | | % | | |

2.5 Available variable resources

2.6 Available fixed resources

Office space

Yes

Computer

Yes

Other available fixed resources

Comment

3. Courses and conferences

3.1 Planned courses

Compulsory courses within third-cycle studies

| Course code | Course | Comment | HEC | Level | Year | Semester |
|-------------|--|---------|-----|-------------|------|----------|
| | Introduction to doctoral studies and information retrieval | | 1.5 | Third Cycle | 2023 | Spring |
| | Research ethics | | 1.5 | Third Cycle | 2023 | Autumn |
| | Introduction to academic writing and communication of research | | 5 | Third Cycle | 2024 | Spring |
| | Introduction to theory of science and qualitative and quantitative designs | | 3 | Third Cycle | 2025 | Spring |

| Course code | Course | Comment | HEC | Level | Year | Semester |
|-------------|--|---------|------|-------------|------|----------|
| | Half-time seminar | | 2 | Third Cycle | 2025 | Spring |
| | PhD Proficiency course with focus on "Grant writing" | | 2 | Third Cycle | 2025 | Autumn |
| Total | | | 15.0 | | | |

These are just examples, look for courses at <https://fubasextern.gu.se/fubasextern/search>

Elective courses within third-cycle studies

| Course code | Course | Comment | HEC | Level | Year | Semester |
|-------------|---|---------|------|-------------|------|----------|
| | Health economic evaluation methods 1 | | 3 | Third Cycle | 2024 | Spring |
| | Musculoskeletal disorders | | 5 | Third Cycle | 2025 | Spring |
| | Regression methods 2 | | 2 | | | |
| | Experimental microsurgery | | 3 | | | |
| | Introductory course to image analysis in life science | | 2 | | | |
| Total | | | 15.0 | | | |

3.2 Completed courses

| Course code | Course | HEC | Date | Course examiner |
|-------------|--------|-----|------|-----------------|
| | | | | |
| Total | | 0.0 | | |

3.3 Credited courses

Not entered before admission

| Decision on credited courses equals | Decision on credited courses made by | Decision date |
|-------------------------------------|--------------------------------------|---------------|
| | | |

| Course | Crediting based on | Education level | University |
|--------|--------------------|-----------------|------------|
| | | | |

| Credited as |
|-------------|
| |

Total points credited courses: 0.0

3.4 Exam on research level exists

| |
|----|
| No |
|----|

3.5 Planned and completed participation at conferences

Only planned participation for time after date of admission

| Year | Date | Name and location of the conference | Type and/or title of any contribution | Completed |
|------|----------|-------------------------------------|---------------------------------------|---------------|
| 2026 | Februari | The international kidney conference | Posterpresentation | Not specified |

3.6 Planned and completed activities, including international participation

| Year | Date | Information |
|------|------|-------------|
| | | |

| Type of mobility abroad | Country | Duration of stay in weeks |
|-------------------------|---------|---------------------------|
| | | |

| Completed |
|---------------|
| Not specified |

Only planned participation for time after date of admission

3.7 Planned and completed seminars

| Year | Date | Type of seminar | Completed |
|------|------|-----------------|---------------|
| | | | Not specified |

4. Supervision and examination**4.1 Supervisor**

| Name | Title |
|-----------------|---------------------|
| Main supervisor | -- value missing -- |

| Department/Institute | Section, unit or equivalent |
|----------------------------|-----------------------------|
| Sahlgrenska Academy Office | -- value missing -- |

| E-mail | Docent (Reader)/equivalent |
|------------------------------|----------------------------|
| supervisor@sahlgrenska.gu.se | Not specified |

| Completed formal training in supervision/equivalent |
|---|
| |

| Current employment and employer (if employed outside the University of Gothenburg) |
|--|
| |

| Forms of supervision/Plan for supervision |
|---|
| |

| Other planned commitments limiting the Principal supervisor's availability |
|--|
| |

4.2 Assistant supervisors

| Name | Title |
|---------------------|---------------------|
| -- value missing -- | -- value missing -- |

| Department/Institute | Section, unit or equivalent |
|----------------------|-----------------------------|
| -- value missing -- | -- value missing -- |

| E-mail | Docent (Reader)/equivalent |
|---------------------|----------------------------|
| -- value missing -- | Not specified |

| Completed formal training in supervision/equivalent |
|---|
| Not specified |

| Current employment and employer (if employed outside the University of Gothenburg) |
|--|
| |

Forms of supervision/Plan for supervision

Other planned commitments limiting the assistant supervisor's availability

4.3 Doctoral examiner of third-cycle studies

| | |
|----------------------|-----------------------------|
| Name | Title |
| -- value missing -- | -- value missing -- |
| Department/Institute | Section, unit or equivalent |
| -- value missing -- | -- value missing -- |
| E-mail | |
| -- value missing -- | |

4.4 Additional persons

| | |
|---------------------|---------------------|
| Name | Title |
| -- value missing -- | -- value missing -- |
| E-mail | Phone |
| -- value missing -- | -- value missing -- |

Current employment and employer

Role and availability

4.5 Allocation of supervisory contribution

At least 80 hours per year if full-time studies, not required to enter every year if unchanged during the period of study

| Person | Year | Semester | Hours |
|--------------------------------|------|----------|-------|
| name of Main supervisor | | Spring | 60 |
| name of Assistant supervisor 1 | | Spring | 20 |

5. Thesis

5.1 Title of the thesis or doctoral project

5.2 Description of thesis or doctoral project

The nephron is the structural and functional unit of the kidney. Each adult kidney contains around one million nephrons. The nephron utilizes four processes to alter the blood plasma which flows to it: filtration, reabsorption, secretion, and excretion. the kidney participates in the control of the volume of various body fluid compartments, fluid osmolality, acid-base balance, various electrolyte concentrations, and removal of toxins.

5.3 Planned form of thesis

5.4 Parts of the thesis/component papers completed

5.5 Thesis work in progress

5.6 Planned thesis work

5.7 Deviations from previous study plan

6. Meetings

6.1 Progress meetings

| Date | Participants | Comment |
|------------------|--------------------------|---|
| Date for meeting | Supervisors, PhD student | Discussion regarding the amount of data collection needed for article 2, everything else OK |

6.2 Professional planning

Have principal supervisor and doctoral student discussed future career path?

Annual follow up meeting to be documented here

Planning meetings

| Date | Comment |
|------|---------|
| 20 | |

6.3 Supervisory meetings

| Date | Participants | Comment |
|------------------|--------------------------|---------|
| Date for meeting | Supervisors, PhD student | |

7. Comments

7.1 Doctoral comments

7.2 Supervisor comments

7.3 Doctoral examiner comments (Note: A comment in this field means that the study plan will be sent back to the doctoral student for re-approval)

8. Approvals

Permits required

Experiments on animals will be included

No

Ethical trial required

Yes

Experiments on humans will be included

No

Notification of processing of personal data (GDPR) required

No

Indicate which approvals have been applied for and granted

E-12345-6

Optional comments

9. Degree objectives

Degree of Doctor

Scope: A Degree of Doctor is awarded after the third-cycle student has completed a study programme of 240 credits in a subject in which third-cycle teaching is offered.

General Qualifications: Degree of Doctor, The Higher Education Ordinance, Annex 2, Qualifications Ordinance (2006:1053): The connection between the third-cycle studies and the objectives of the Higher Education Ordinance are documented here together with the particular activities planned and realized in order to fulfil each objective. See also the aims stated in the general study syllabus for the third-cycle subject. On each occasion for revision new realized activities should be entered.

A. Knowledge and understanding – for the Degree of Doctor the third-cycle student shall

A1. Demonstrate broad knowledge and systematic understanding of the research field as well as advanced and up-to-date specialised knowledge in a limited area of this field.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

A2. Demonstrate familiarity with research methodology in general and the methods of the specific field of research in particular.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

B. Competence and skills – for the Degree of Doctor the third-cycle student shall

B1. Demonstrate the capacity for scholarly analysis and synthesis as well as to review and assess new and complex phenomena, issues and situations autonomously and critically.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

B2. Demonstrate the ability to identify and formulate issues with scholarly precision critically, autonomously and creatively, and to plan and use appropriate methods to undertake research and other qualified tasks within predetermined time frames and to review and evaluate such work.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

B3. Demonstrate through a dissertation the ability to make a significant contribution to the formation of knowledge through his or her own research.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

B4. Demonstrate the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

B5. Demonstrate the ability to identify the need for further knowledge.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

B6. Demonstrate the capacity to contribute to social development and support the learning of others both through research and education and in some other qualified professional capacity.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

C. Judgement and approach – for the Degree of Doctor the third-cycle student shall

C1. Demonstrate intellectual autonomy and disciplinary rectitude as well as the ability to make assessments of research ethics.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

C2. Demonstrate specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used.

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

Local degree objectives (Not used at GU)

Activities realized in order to fulfil the objective

Activities planned in order to fulfil the objective

10. Attachments

Established doctoral project.pdf

Mandatory attachments before admission

- Established doctoral project
- If applicable: agreements regarding finance between University of Gothenburg and the external employer
- Ethical permits, if needed

Mandatory attachments for follow-ups:

- Decisions to change/add supervisors (if any)
- Half time report after completed half time seminar

During the follow up make sure the following in the ISP are still correct and updated:

- 2.1 and 2.2 time and finance
- 3 Courses
- 4 Supervision
- 6 Document meetings as detailed as possible
- 7 Comment if needed

For assistance in filling out the learning outcomes, see the guide "Learning outcomes for the Degree of Doctor"