PhD Development Training

Courses and activities for developing your professional and personal competences



PhD Competence Model

Research Skills & Knowledge Responsible Conduct of Science Personal Effectiveness Communication Professional Development Leadership & Management Teaching







PhD students are expected to follow a PhD Development Training which fits the duration and type of contract of the PhD project. The GSMS invites PhD students to shape their learning trajectories by selecting courses and activities based on the competences that they wish to develop (test your competences here). A certificate from the GSMS will be handed over when the requirements for the PhD Development Training are met.

The GSMS curriculum is based on the European Credit Transfer and Accumulation System. While carrying out your PhD project, European Credit (EC) points must be obtained by taking courses and activities related to the PhD research or one of the competences. One EC is equivalent to a workload of 28 hours.

EC points can be obtained by:

- Courses and activities on offer in our PhD Development Training (note that some courses are obligatory*)
- Courses and activities outside the GSMS (at least Master level and related to the PhD research or one of the competences**)

Note: E-learning courses are also permitted. Please consult our guidelines.

* Obligatory courses

- Research Data Management
- Scientific Integrity

- Managing your PhD (not applicable for: Employee in PhD track, Externally financed PhD candidate, External PhD candidate)

** ** For the competence personal effectiveness, only the courses and workshops in the overview will be accepted for a reimbursement of the training budget and awarded with EC points. Requirements PhD students from the institutes GUIDE, SHARE, KOLFF or CRCG

- Courses: A minimum of 1/3 of the required EC must be obtained by taking courses or following summer schools related to the PhD research or one of the competences.
- Activities: A minimum of 1/3 of the required EC must be obtained by conducting other PhD research activities or competence related activities (appendix).
- The remaining of the required EC may be collected by a mixture of the two above.

For example: a PhD candidate with a 4 years appointment has obtained 30 EC at the end of the PhD project, of which 18 EC were obtained by taking courses (minimum required 10 EC) and 12 EC by conducting activities (minimum required 10 EC).

| EC required | 1 | | | | | | |
|--|-----------------|---------|--|--|--|--|--|
| Employed PhD candidate, Scholarship PhD candidate | | | | | | | |
| 4 years | | 30 EC | | | | | |
| 4 years | 0.8 fte | 22.5 EC | | | | | |
| 4 years | < 0.8 fte | 15 EC | | | | | |
| 3 years | | 22.5 EC | | | | | |
| 2 years | | 15 EC | | | | | |
| Employee in PhD track, Externally financed PhD candidate, External PhD candidate | | | | | | | |
| Regardless | of the duration | 15 EC | | | | | |

Requirements PhD students from the institute Brain & Cognition

BCN PhD students from the institute Brain and Cognition must meet the requirements (including obligatory courses) for the BCN PhD training programme to obtain the BCN certificate and additionally the certificate of the GSMS. Please consult the BCN website or BCN ring binder.

Need to know / abbreviations

The GSMS has made an overview of courses and activities that are offered to PhD students, both internally at the GSMS and elsewhere within the UMCG and UG. All of them are categorized by seven core competences. However, you may also select courses and activities outside this range on offer.

The overview also provides the following additional information:

Preferred phase: Within which phase of my PhD does the course or activity fit? This is a general recommendation only, courses and activities can be taken at any time during your PhD. Only for the obligatory courses there is a strong recommendation.

Provider: PhD students can select courses and activities from numerous providers. The provider is mentioned in this column.

Format: The programme consists of a variety of training elements. This can be a course or an activity such as a workshop, symposium, scientific conference or miscellaneous.

Transferable skills: For each course or activity we show whether skills can be acquired which you bring to future employment settings.

EC: The amount of European Credit that can be obtained. This may be variable depending on the workload or whether the PhD student also take an exam.

Cluster Max: For this activity a maximum amount of EC that can be obtained within a cluster of activities.

Do I need to pay?

The GSMS courses are offered free of charge for registered PhD students (including all students from BCN and GRIP). Courses and activities from the providers below may request a (small) fee for participation. The GSMS supplies a maximum of €600 per calendar year for participation in external courses (outside the GSMS), and another €600 for attending conferences.

CIT = Center for Information Technology CMB = Central Medical Library CRO = Clinical Research Office GGS (CPS) = Groningen Graduate Schools (Career Perspective Series) LC = Language Centre UG = University of Groningen UGCE = University of Groningen Centre of Entrepreneurship

ABOUT THIS INTERACTIVE PDF

MENU to go to the overview of the competences on the front page.

<u>Competence</u> to go directly to the overview of courses and activities belonging to the competence.

Advanced Clinical Epidemiology to get more information and to register for the course or activity on the website.

* to go directly to the appendix for more information.

We advice you to check the most recent version of this pdf regularly. The pdf will be maintained and updated when necessary.

For corrections and suggestions regarding this document, please email gsms@umcg.nl

Research Skills & Knowledge

The ability to design and conduct solid research as well as to be aware and constructively critical when evaluating the latest developments within your field.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|--|-------------------------------|---------------------|-------------------|------------------------|---------|----------------|
| Courses A minimum of 1/3 of the required EC must be obtained by taking courses or following summer | er schools related to the PhD |) research or one o | of the competence | S. | | |
| Advanced Clinical Epidemiology | | GSMS | Course | | 3 | |
| Advanced Drug Delivery & Drug Targeting | | GSMS | Course | | 2 | |
| Advances in Genetic Epidemiological Research and Data Analysis | | GSMS | Course | | 1.5 | |
| Applied Longitudinal Data Analysis: modelling change over time | | GSMS | Course | | 1.5-2 | |
| Basic Clinical Epidemiology | | GSMS | Course | | 3 | |
| Basics in Medicine (Research Master) | | GSMS | Course | | 8 | |
| Basics in Psychology and Psychosocial Factors (Research Master) | | GSMS | Course | | 8 | |
| BCN Advanced (non)linear regression techniques in R | | GSMS | Course | | 2 | |
| BCN Advanced fMRI course "From Voxel to Networks" | | GSMS | Course | | 1 | |
| BCN Functional Neuroscience: EEG Part (Research Master) | | GSMS | Course | | 5 | |
| BCN Human Neuroanatomy (Research Master) | | GSMS | Course | | var. | |
| BCN Introductory fMRI Course | | GSMS | Course | | 1.5 | |
| BCN Mathematics for Neuroscientists | | GSMS | Course | | 1 - 1.5 | |
| BCN Orientation Course (for BCN PhD obligatory) | | GSMS | Course | | 3 | |
| BCN Philosophy of Neuroscience (Research Master) | | GSMS | Course | | var. | |
| BCN Statistics Course | | GSMS | Course | | 2 | |
| Blood-material interactions | | GSMS | Course | | 0.5 | |
| Cell (bio)material interactions | | GSMS | Course | | 0.25 | |
| Cellular Imaging Advanced | | GSMS | Course | | 4 | |
| Cellular Imaging Light | | GSMS | Course | | 1 | |
| Colloid stability | | GSMS | Course | | 0.25 | |
| Critical Appraisal of Literature (CAT) | Start-Middle | GSMS | Course | 1 | 1.5 | |
| Data programming courses | Start-Middle | CIT | Course | 1 | var. | |
| DLVO theory and introduction | | GSMS | Course | | 0.25 | |
| Epidemiology and Applied Statistics | | GSMS | Course | | 3 | |
| Gene Expression Data for Beginners | | GSMS | Course | | 1 | |
| GWP 1: Beginners guide to grant writing | End | GGS (CPS) | Course | 1 | 0.5 | |
| GWP 2: From Chaos to Focus - How to develop your own research plan | End | GGS (CPS) | Course | 1 | 0.5 | |
| GWP 3a: Rubicon Grant Writing Training | End | GGS (CPS) | Course | 1 | 0.5 | |

Research Skills & Knowledge

The ability to design and conduct solid research as well as to be aware and constructively critical when evaluating the latest developments within your field.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|---|-------------------------------|-------------------|------------------|------------------------|-----------|----------------|
| Courses A minimum of 1/3 of the required EC must be obtained by taking courses or following summ | mer schools related to the Ph | D research or one | of the competenc | es. | | |
| GWP 3b: Writing your grant like a pro - The narrative of your grant proposal | End | GGS (CPS) | Course | 1 | 0.5 | |
| Handling LifeLines data on the UMCG High Performance Cluster | | GSMS | Course | | var. | |
| Health Psychology; advanced course (Research Master) | | GSMS | Course | | 5 | |
| Image analysis | | GSMS | Course | | 0.25 | |
| In vivo imaging using IVIS | | GSMS | Course | | 0.25 | |
| Introduction into R | | GSMS | Course | | 1.4 | |
| Introduction to Genetic Epidemiological Research and Data Analysis | | GSMS | Course | | 1 | |
| Introduction to Qualitative Research Methods | | GSMS | Course | | 2 | |
| Laboratory Animal Science | | GSMS | Course | | 4.5 | |
| Measuring Concepts in Quantitative Research (Research Master) | | GSMS | Course | | 2 | |
| Medical Statistics | Start | GSMS | Course | | 2.5 - 3.5 | |
| Microbiological Safety | | GSMS | Course | | 1 | |
| Microscopy within Kolff | | GSMS | Course | | 0.25 | |
| Generalized Linear and Mixed Effects Models | | GSMS | Course | | 2 - 2.5 | |
| Modeling in Health Technology Assessment | | GSMS | Course | | 2.5 | |
| Phase II/III Clinical Trials | | GSMS | Course | | 1.5 | |
| Polymers in Medicine | | GSMS | Course | | 0.25 | |
| Psychiatric Epidemiology (Research Master) | | GSMS | Course | | 4 | |
| Python in biology for beginners and advanced | | GSMS | Course | | 1 | |
| QCM - Quartz Crystal Microbalance | | GSMS | Course | | 0.25 | |
| Quality-of-Life and Patient-Reported Outcome Measures (QoL & PROMs) | | GSMS | Course | | 2.5 | |
| Quantitative Bioanalysis | | GSMS | Course | | 5 | |
| Study Design in Clinical Epidemiology (Research Master) | Start | GSMS | Course | | 4 | |
| Surface characterization | | GSMS | Course | | 0.25 | |
| Systematic reviews and meta-analysis | Start-Middle | GSMS | Course | | 2 | |
| Winter or summer schools (on relevant topics) | | var. | Course | | var. | |
| Writing a thesis using Word | End | CIT | Course | \checkmark | 0.5 | |
| X-Ray Photoelectron Spectroscopy (XPS) | | GSMS | Course | | 0.25 | |

Research Skills & Knowledge

The ability to design and conduct solid research as well as to be aware and constructively critical when evaluating the latest developments within your field.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|--|-------------------------------|-----------------|--------------|------------------------|--------------------|----------------|
| Activities A minimum of 1/3 of the required EC must be obtained by conducting other PhD research | activities or competence rela | ted activities. | | | | |
| BCN Lectures | | GSMS | Seminar | | 0.2 | * |
| BCN Master Classes (for BCN PhD only) | | GSMS | Masterclass | | 0.5 | |
| BCN PhD Retreat once with and once without Presentation | | GSMS | Meeting | | var. | |
| BCN Poster Presentation - without poster | | GSMS | Meeting | | 0.2 | * |
| BCN Symposium | | GSMS | Symposium | | 0.5 | * |
| Data programming workshops | Start-Middle | CIT | Workshop | 1 | var. | * |
| EndNote | | CMB | Workshop | | 0.1 | * |
| Mendeley Introduction | | CMB | Workshop | | 0.1 | * |
| PubMed | Start | CMB | Workshop | | 0.1 | * |
| Search Strategy for a Systematic Review | | CMB | Workshop | 1 | 0.1 | * |
| Annual PhD meeting Research Institutes | | var. | Meeting | 1 | 0.25 / meeting | * |
| Attending scientific conferences/ symposia (only if no presentation is given) | | var. | Scientific | | | |
| | | | conference / | | | |
| | | | symposium | 1 | 0.25 / meeting | * |
| Journal clubs | | var. | Misc. | 1 | 0.1 / journal club | * |
| Supervised reviewing of manuscripts | | var. | Misc. | 1 | 0.5 / manuscript | * |
| Granted project proposal - 1st author | | var. | Misc. | 1 | var. (appendix) | |
| International research experience / exchange visits (research stay abroad min. 2 wee | ks) | var. | Misc. | \checkmark | max. 4 | * |
| Stay in Dutch lab | | var. | Misc. | | max. 4 | * |
| Other Workshops / Masterclasses / Seminars | | var. | Misc. | | | * |

Responsible Conduct of Science

The ability to follow the code of scientific conduct as well as to demonstrate a collaborative attitude and openness towards managing and sharing data for the advancement of scientific knowledge.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|--|--------------------------------|-------------------|-------------------|------------------------|-----|----------------|
| Courses A minimum of 1/3 of the required EC must be obtained by taking courses or following sum | mer schools related to the Ph | D research or one | of the competence | 9S. | | |
| Basic course on Regulations and Organization of Clinical Trials (BROK®) | Start | NFU | e-learning | | 1.5 | |
| Privacy in Research (with UMCG account) | Start | CRO | e-learning | | 0.2 | |
| Privacy in Research | | | | | | |
| Research Data Management (obligatory) | Start | GSMS | Course | 1 | 0.1 | |
| Scientific integrity (obligatory) | Start-Middle | GSMS | Course | 1 | 2.5 | |
| Activities A minimum of 1/3 of the required EC must be obtained by conducting other PhD research | h activities or competence rel | ated activities. | | | | |
| Are your ready for Open Access publishing? | | CMB | Workshop | | 0.1 | * |
| PURE | | CMB | Workshop | | 0.1 | * |
| Other Workshops / Masterclasses / Seminars | | var. | Misc. | | | * |

Personal effectiveness



The ability to focus on achieving your goals through commitment and self-initiative as well as to deal with setbacks and to learn from feedback and self-reflection.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|--|--------------------------------|---------------------|-------------------|------------------------|-----|----------------|
| Activities A minimum of 1/3 of the required EC must be obtained by conducting other PhD research | activities or competence rela | ated activities. | | | | |
| | | | | | | |
| For the competence personal effectiveness, only the courses and workshops in the overview will be accept | oted for a reimbursement of th | e training budget a | nd awarded with E | EC points. | | |
| Embrace imperfection | | SSC | Course | 1 | 0.3 | * |
| Individual sessions with a psychologist | | SSC | Misc. | | 0.0 | |
| Learn to fail (and stay happy about it!) | Start | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Mindfulness-based stress reduction | | SSC | Course | | 0.0 | |
| Online self-support (e-health) | | SSC | E-learning | | 0.0 | |
| Overcome your fear of failure | | SSC | Course | 1 | 0.4 | * |
| Peer-to-peer support groups | | GSMS | Workshop | | 0.4 | * |
| Stop procrastinating | | SSC | Course | 1 | 0.3 | * |
| Stress management - When your PhD feels like a battle | | GSMS | Course | | 0.3 | * |
| Work-life balance | Start | SSC | Workshop | 1 | 0.1 | * |

Communication



The ability to transfer your message clearly and convincingly through speech and text as well as to enable effective communication through open-minded listening.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|--|--------------------------------|-------------------|-------------------|------------------------|------------------|----------------|
| Courses A minimum of 1/3 of the required EC must be obtained by taking courses or following sum | mer schools related to the Ph | D research or one | of the competence | S. | | |
| Dutch CEFR A0 up to B1 (max 126 hours, (partially) reimbursed by RUG) | | LC | Course | 1 | var. | |
| Dutch CEFR B1 and onwards | | LC | Course | 1 | var. | |
| English CEFR B2 level and onwards (ENG 4, 5 and 6) | | LC | Course | 1 | var. | |
| Presentation skills | Start | GSMS | Course | 1 | 0.5 | |
| Publishing in English (Beginner's course) | Start | GSMS | Course | 1 | 3 | |
| Science Writing for clinical or epidemiological research | Start | GSMS | Course | 1 | 2 | |
| Scientific Writing for biomedical/translational research | Start | GSMS | Course | 1 | 2 | |
| | | | | | | |
| Activities A minimum of 1/3 of the required EC must be obtained by conducting other PhD research | activities or competence relat | | | | | |
| 30+ tips "How to improve your research impact" (Dutch or English) | | CMB | Workshop | | 0.1 | * |
| Academic CV Building | End | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Assertiveness now and at your new job | Middle | GGS (CPS) | Workshop | 1 | 0.2 | * |
| BCN Poster Presentation - with poster (only for BCN PhD students) | | GSMS | Meeting | 1 | 1 | |
| CV building and writing outside academia | End | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Discovering the Dutch (culture) | Start | LC | Workshop | 1 | 1 | * |
| Interview skills | End | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Media Training | Middle | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Motivation and cover letter writing outside academia | End | GGS (CPS) | Workshop | | 0.2 | * |
| Negotiation Skills | Middle | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Networking for people who hate it | Start | GGS (CPS) | Workshop | 1 | 0.2 | * |
| PhD Support in planning writing your thesis: practical project groups | Start-Middle-End | GSMS | Misc. | 1 | - | |
| Storytelling | Middle | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Invited lecture outside institute | | var. | Misc. | 1 | 0.5 / meeting | * |
| Prize for best abstract/poster/presentation | | var. | Misc. | | 0.5 / prize | * |
| Oral or poster presentation at a conference | | var. | Misc. | 1 | 0.5 / conference | * |
| Other Workshops / Masterclasses / Seminars | | var. | Misc. | | | * |

Professional Development



The ability to adapt to responsibilities and a willingness to push the boundaries of one's own capabilities in order to further common goals.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|--|-------------------------------|----------------------|-------------------|------------------------|----------|----------------|
| Courses A minimum of 1/3 of the required EC must be obtained by taking courses or following summ | er schools related to the Phi | D research or one of | of the competence | S. | | |
| Entrepreneurship and Valorization for medical sciences | End | GSMS | Course | 1 | 5 | |
| Extracurricular course on Entrepreneurship | Middle | UGCE | Course | 1 | 0.8 | |
| My future career (BWC: Be, Want, Can training) | Middle | GGS (CPS) | Course | 1 | 1 | |
| | | | | | | |
| Activities A minimum of 1/3 of the required EC must be obtained by conducting other PhD research a | ctivities or competence relat | ed activities. | | | | |
| Careers in Consultancy | Middle | GGS (CPS) | Workshop | | 0.2 | * |
| Entrepreneurship | Middle | GGS (CPS) | Workshop | | 0.2 | * |
| From PhD to Patents, your next career path | End | GGS (CPS) | Workshop | | 0.2 | * |
| Make it in the North: Outside Academia Training Opportunities for PhDs | End | GGS (CPS) | Workshop | | 0.2 | * |
| Working Perspectives at a University of Applied Sciences (Hogeschool) | End | GGS (CPS) | Workshop | | 0.2 | * |
| Attending the annual PhD Day | | UG | Event | | 1 | |
| Attending Introductory Event | Start | UG | Event | | 1 | |
| Membership GSMS PhD council | | var. | Misc. | 1 | 2 per yr | * |
| Membership Research Institutes PhD council | | var. | Misc. | 1 | 1 per yr | * |
| Organising a symposium / conference | | var. | Misc. | 1 | var. | * |
| Other Workshops / Masterclasses / Seminars | | var. | Misc. | | | * |

Leadership & Management



The ability to effectively plan and prioritize when working towards joint results as well as to contribute to a healthy team spirit and to enable colleagues to grow by providing feedback.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|---|-------------------------------|---------------------|-------------------|------------------------|-----|----------------|
| Courses A minimum of 1/3 of the required EC must be obtained by taking courses or following summer | er schools related to the PhI |) research or one c | of the competence | s. | | |
| BCN Management Competences, Part 1 (for BCN PhD obligatory) | Start | GSMS | Course | 1 | 0.5 | |
| BCN Management Competences, Part 2 (for BCN PhD obligatory) | Start | GSMS | Course | 1 | 1.5 | |
| Managing your PhD (obligatory) | Start | GSMS | Course | 1 | 2 | |
| The Empowered PhD: How to get beyond being a good student | Start | GGS (CPS) | Course | 1 | 0.3 | |
| Women's paths to leadership | Middle | GGS (CPS) | Course | 1 | 0.3 | |

| Activities A minimum of 1/3 of the required EC must be obtained by conducting other PhD research activities or competence related activities. | | | | | | |
|---|--------------|-----------|----------|---|-----|---|
| Bullet Journaling: The Basics | Start-Middle | SSC | Workshop | 1 | 0.1 | * |
| Managing your supervisor (this topic is also part of the Managing your PhD course) | Start | SSC | Workshop | 1 | 0.1 | * |
| Scrumming and other project management techniques | Start | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Speedreading | Start-Middle | SSC | Workshop | 1 | 0.1 | * |
| Team work | Mid | GGS (CPS) | Workshop | 1 | 0.2 | * |
| Other Workshops / Masterclasses / Seminars | | var. | Misc. | | | * |

Teaching

The ability to convey clear learning goals and to provide supervision as well as to demonstrate openness to using feedback for improvement and reflecting on teaching practices.

| | PREFERRED PHASE | PROVIDER | FORMAT | TRANSFERABLE SKILLS | EC | CLUSTER MAX |
|--|-------------------------------|---------------------|-------------------|------------------------|-------------|----------------|
| Courses A minimum of 1/3 of the required EC must be obtained by taking courses or following summ | ner schools related to the Ph | D research or one o | of the competence | es. | | |
| Introduction to teaching (for PhD students who are not officially teaching | | | | | | |
| a course but would like to learn more about teaching and mentoring) | Start-Middle | GGS (CPS) | Course | 1 | 1.1 | |
| Start to teach: Taking steps in your professional development as a teacher | | | | | | |
| (Specifically for PhDs who will be actively teaching a course) | Middle | GGS (CPS) | Course | 1 | 1.5 | |
| | | | | | | |
| Activities A minimum of 1/3 of the required EC must be obtained by conducting other Phil | D research activities or c | ompetence relate | ed activities. | | | |
| Teaching and supervision of students (at university level) | Middle-End | var. | Misc. | Depending on ti | me invested | * |
| Tutor/mentor | | | | | | |
| Lecture | | | | | | |
| Coach master or bachelor scientific thesis | | | | | | |
| Other Workshops / Masterclasses / Seminars | | var. | Misc. | | | * |

* Appendix PhD research activities or competence related activities

| COMPETENCE | CREDITS | MAXIMUM PER CLUSTER OF ACTIVITIES | REMARKS |
|--|---------------------|--|--|
| | | MAXIMUM EC FOR A TRAINING PROGRAMME OF 30 EC, FOR A TRAINING PROGRAMME OF 22.5 EC OR 15 EC PROPORTIONALLY LESS | |
| Workshops/Master classes/seminars | | | |
| ≤ half a day | 0.1 EC/meeting | | |
| half a day < ≥ 1 day | 0.25 EC/meeting | | |
| > 1 day | 0.5 EC/meeting | | |
| Fixed EC | | | |
| | | 2 EC | |
| | | 2 EC | |
| Research skills and knowledge | | | |
| Annual PhD meeting Research Institutes | 0.25/annual meeting | | |
| Journal clubs | 0.1/journal club | | |
| Attending scientific conferences/ symposia | | | |
| (only if no presentation is given) | 0.25/conferences | | |
| Granted project proposal – 1st author: | | | |
| < 10,000 Euro | 0.5 EC | | |
| 10,000 <> 30,000 Euro | 1 EC | | |
| > 30,000 Euro | 2 EC | | |
| Supervised reviewing of manuscripts | 0.5/manuscript | 3 EC | |
| Research stay abroad (minimum 2 weeks) | | 4 EC | Depending on time invested (28 hrs per EC) |
| Stay in Dutch lab | | 4 EC | Is granted only in very special occasions. Prior to the visit to the Dutch lab, the supervisor and PhD student must - with arguments - appeal for granting with the PhD education committee of the Research institute. |

* Appendix

PhD research activities or competence related activities

| COMPETENCE | CREDITS | MAXIMUM PER CLUSTER OF ACTIVITIES | | REMARKS |
|--|--|---|------------------|---|
| | | MAXIMUM EC FOR FULL TIME 4 YEARS PHD S 3 AND 2 YEARS STUDENTS ACCORDINGLY LE | STUDENTS, ESS | |
| Communication | | | | |
| Presenting data at scientific conferences - oral or poster Invited lecture outside institute Prize for best abstract/poster/presentation | 0.5/conference 0.5/meeting 0.5/prize | 6 EC | | |
| Professional Development | | | | |
| Attending the annual PhD Day RUG Attending Introductory Event RUG Membership GSMS PhD council Membership Research Institutes PhD councils Organisation of symposium/conference | 1 EC/event 1 EC/event 2 EC/year 1 EC/year | 6 EC | | Depending on time invested |
| Teaching At university level | | | | (28 hrs per EC) |
| Teaching / supervision of students: Tutor/mentor Lecture Coach master or bachelor scientific thesis | Depending on time invested | 4 EC | | According to Institute for Medical Education Multiplier Medical Sciences |

rug.nl/mu/gsms

Graduate School of Medical Sciences

