

Consortium Agreement Annex I:
Study-, teaching- and exam regulations

**Erasmus+ Erasmus Mundus Joint
Master Degree Programme
International Master in Innovative Medicine**

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Article 1. Area of Validity

These IMIM Study, Teaching and Examination Regulations establish the admission criteria, the course contents and structure, and the conditions of successful completion of the joint master's degree programme, the International Master in Innovative Medicine, hereinafter referred to as the '**degree programme**', as provided by the universities of the IMIM Consortium:

- Rijksuniversiteit Groningen (hereinafter also referred to as the "**Coordinating Institution**" and "**RUG**"), Broerstraat 5, 9712 CP Groningen, The Netherlands, and
- Ruprecht-Karls-Universität Heidelberg (hereinafter also referred to as "**UHEI**"), Seminarstrasse 2, 69117, Heidelberg, Germany, and
- Uppsala Universitet (hereinafter also referred to as "**UU**"), P.O. Box 256, 751 05 Uppsala, Sweden,

together being the degree-awarding universities and hereinafter collectively referred to as the "**European Partner Institutions**" and

- Universidad Nacional Autónoma de México (hereinafter also referred to as "**UNAM**"), 9o Piso de la Torre de Rectoria, Ciudad Universitaria, Coyoacán, México, Distrito Federal, C.P. 04510, México, and
- Pontificia Universidad Católica de Chile (hereinafter also referred to as "**PUC**"), Avenida Libertador Bernardo O'Higgins 340, 8331150 , Santiago, Chile, and
- Universidad de Antioquia, (hereinafter also referred to as "**UDEA**") Calle 67 53-108, 01, Medellín, Colombia, and
- Universidade de São Paulo (hereinafter also referred to as "**USP**"), Rua da Reitoria, 374, Cidade Universitária, São Paulo, SP, Brazil,

hereinafter collectively referred to as the "**Latin American Partner Institutions**".

Hereinafter, the parties to these Regulations are collectively referred to as the "**Partner Institutions**", or interchangeably as "**the Parties**" and are referred to individually as "Partner Institution" or "Party".

These regulations are subject to the "Consortium Agreement for the Establishment of the International Master in Innovative Medicine: An Erasmus+ Joint Master Degree Programme", hereinafter referred to as '**the Consortium Agreement**'.

These regulations provide a minimum core of regulations and can be further supplemented:

- by other instruments developed by the IMIM Consortium under the Consortium Agreement;
- by bilateral agreements between the Parties; and
- by the study and examination regulations or their equivalent in existence at each of the Partner Institutions;

provided these are not in contradiction with national or local legislation, the Consortium Agreement and these Study, Teaching and Examination Regulations.

Following the above, students shall be subject to the rules and regulations (including any disciplinary regulations) of the Partner Institutions for elements of the course delivered by that Party. It is recognised that variations in the general regulations of the universities is acceptable. The Partner Institutions shall conduct all assessments in accordance with the policies and procedures in force at the respective university and with reference to those adopted by the IMIM Management Committee.

Article 2. Aim of the Programme

The **International Master in Innovative Medicine** focuses on the education of translational biomedical researchers. The IMIM mission is to educate the future generation of leading translational scientists and professionals who will have the skills and competences to work effectively in different multi-/interdisciplinary and internationally competitive academic and private sector environments.

Article 3. Admission

Article 3.1 The language of instruction

The language of instruction in the degree programme shall be English.

Article 3.2 Minimum admission criteria

All applicants must follow the joint application procedure as established by the IMIM consortium on published on its website www.innovativemedicine.eu

Admission may be granted to applicants who meet the following minimum common admission criteria:

- A Bachelor degree in one of the following fields: biochemistry, pharmaceutical sciences, biomedical sciences, genetics, molecular biology, biotechnology, medicine, dentistry or similar.
- Proficiency in English is required, attested by means of an internationally recognised test. See Article 3.3 below for details.
- An application to the IMIM programme must include the documents as listed under Art. 3.5. All documents have to be in English and according to instructions as found at www.innovativemedicine.eu
- The student must also fulfil the general and specific requirements for the respective programme at the European Partner Universities.

Application to the master programme in Innovative medicine is submitted online to the IMIM Consortium at www.innovativemedicine.eu

Selection of the applicants is done by the IMIM Joint Admission Board.

Article 3.3 Language qualification requirements

1. Proficiency in English is required, prove by means of one of the following internationally recognized tests and corresponding test scores;

- IELTS (Academic) with an overall score of 6.5 – no less than 6.0 on each section
- TOEFL iBT (internet-based test) with an overall score of 92 – no less than 21 on each section
- TOEFL CBT (computer-based test) with an overall score of 237 – no less than 21 on each section
- TOEFL PBT (paper-based test) with an overall score of 580 – no less than 55

- on each section
 - Cambridge Certificate of Proficiency in English (CPE)
 - Cambridge Certificate of Advanced English (CAE)
2. TOEFL and IELTS tests cannot be older than two years.
 3. In principle, all applicants must submit said proof of proficiency in English. Applicants that meet either of the following requirements are exempt from proving proficiency in English:
 - Applicants that are a native English speaker and pursued and completed secondary education in any one of the following countries: Canada, USA, UK, Ireland, New Zealand, Australia.
 - Applicants that have pursued and completed their undergraduate education in any one of the following countries: Canada, USA, UK, Ireland, New Zealand, Australia.

Article 3.4 Admission Board

Admission to the degree programme is at the discretion of the Partner Universities involved, which have mandated the IMIM Joint Admission Board, under the supervision of the IMIM Management Committee. The Admission Board shall be made up of at least one representative from each of the three European Partner Institutions. Representatives from the Latin American Partner Institutions may be asked to advise on admission and selection of students depending on their specific expertise.

Article 3.5 Joint Application

1. All applications must be made on-line via the IMIM Consortium website, www.innovativemedicine.eu, in accordance with the instructions published thereon and before the deadlines as published on the website. Applications must include the following documents:

- Copy of a valid passport (only the main pages)
- Certified copy of Diploma or proof of enrolment with expected graduation date (if this document is not in English, please attach an official translation) and, if available, of the Diploma Supplement
- Certified copies of academic transcripts and, if applicable, list of courses and credits still to be completed (if this document is not in English, please attach an official translation)
- Explanation of the grading system used by the Degree awarding institution
- Curriculum Vitae in English
- Official proof of English language proficiency (see Article 3.3 above). If official proof of English language proficiency has not been obtained at the time of applying and the applicant does not qualify for exemption, the applicant shall include a statement on when he/she expects to obtain said proof.
- Letter of Motivation/Intent in English (maximum 750 words)
- At least two reference letters (in English)
- Abstract/summary with details on (under)graduate research project/thesis

2. Information additional to what is published on the website may be required in order to allow the admission board to evaluate a specific application. In these cases the applicant will be informed by the Admission Board in a timely manner of the need to submit this additional information.

Article 3.6 Admission Procedure

1. The Admission Procedure of candidates will start each time upon the passing of the deadline for the Joint Application stated on the IMIM Consortium website.
2. Applications for admission to the degree programme must be submitted and completed before the deadline as mentioned above by means of an online application

through www.innovativemedicine.eu Applications that are incomplete on the application deadline will not be included in the further admission and selection procedure.

3. At the discretion of the Admission Board, and only if there are still places available, will an application completed and/or submitted after the last deadline be considered. There is no guarantee that applications will be dealt with in time if they are completed and/or submitted after the deadline however.

4. Admission will be on the condition that the candidate has satisfied the requirements set out in article 3.2 and 3.3 of these regulations and as set by the Admission Board concerning knowledge, skills and competence by the starting date of the degree programme at the latest, supported by certificates of the qualifications on the basis of which admission was granted. The written admission decision will include information for the student about the possibility of an appeal.

5. Bearing in mind the admission criteria for the degree programme within the meaning of article 3.2 and 3.3 of these regulations, the Admission Board shall assess the knowledge, skills and competence of the candidate. In cooperation with the Partner Institutions, the Consortium Secretariat will assess the application to check whether it is complete and meets the minimum set of requirements to render the candidate eligible. In addition to the certified written proofs of degree programme(s) already submitted, the Admission Board may ask experts from within or outside the Partner Institutions to test certain areas of knowledge, skills and competence.

6. Eligible applicants will be evaluated according to a weighted assessment using the following criteria, listed here in order of importance:

-Grades in relevant subjects 60%

-Research (incl. degree projects) and relevant job experience 20%

-Motivation letter 10%

-Recommendation letters 10%

This evaluation results in a relative ranking of eligible candidates.

7. The approximately 40 candidates that are ranked highest will be invited to participate in a selection interview (to be conducted via Skype). Each applicant will have to complete at least one assignment ahead of the interview. The interview will consist of discussion of this assignment, a brief presentation of a past research project (the summary of which will have been submitted as a part of the application package) and their motivation for joining the programme. The duration of the interview will be approximately 30 minutes. The interviews will be divided over the European Partner Institutions, according to specific strengths of these institutions, the first semester university preference of the candidate and the background of candidates.

8. The interviews will be evaluated on the basis of at least the following common criteria.

- *Quality of interview (expectations, attitude, ability to discuss knowledge relevant to IMIM, convey why s/he is a suitable candidate, possible Q&A based on motivation letter) 35%*
- *Quality of presentation of previous undergraduate/graduate research project (scientific knowledge, ability to discuss academic research, critically discuss own work) 35%*
- *Quality of presentation assignment (ability to assimilate and critically analyse new knowledge, judge its significance, and convey to others with clarity and in a structured format) 15%*
- *Compliance with assignment guidelines 5%*
- *Communication and presentation skills (when discussing academic research/knowledge) 10%*
- *Affinity to BBB concept and objectives, also related to entrepreneurial skills, affinity and experience (no specific weight awarded to this criterion as it does*

not determine admission to the IMIM degree programme but serves as input for consideration of an applicant to more industry-related activities within the master if admitted).

9. Evaluations of application files and interviews will be discussed during the selection meeting where the complete admission board will be present, as well as representatives from the Latin American Partner Institutions if possible. Said evaluations and discussions will result in a ranking of interviewed students. The Admission Board may decide to conduct certain interviews at the beginning of the selection meeting with all members present simultaneously.
10. While applicants indicate a first semester university preference, the Admission Board will decide at which university applicants that are offered a place in the degree programme will first enrol.
11. The ranking referred to under 3.6.9 in combination with the suitability of specific applicants to start at a specific European Partner University will be leading in offering a place in the degree programme to the most suitable candidates.
12. The degree programme offers a place to approximately 18-21 students for each cohort.
13. Rejected candidates may appeal this decision with the Coordinating Institution. In the event of an appeal, the Admission Board may reconsider its decision on the basis of additional and new information.
14. Students who have not yet obtained their Bachelor degree at the time of the selection procedure but who would normally do so before the Master's degree programme begins, may be granted conditional admission. Students must submit a declaration from the relevant authorities that they have satisfied the requirements of a Bachelor degree before the start of the degree programme.

Article 4. Board of Examiners

Article 4.1 Board of Examiners

1. In agreement with article 4.2.4 of the Consortium Agreement, The local examination boards of the master degree programmes from which the IMIM Degree Programme derives are responsible for enforcement and application of the local Study, Teaching and Exam Regulations applicable to those local master degree programmes. The local examination boards may delegate authority and/or tasks to the IMIM Degree Programme Joint Board of Examiners (BE), which is composed of independent members from each institution.
2. The Board of Examiners will consider complaints regarding academic judgments, and about matters to do with the student's course of study or research only if the candidate is not satisfied with the outcome reached at the home or host university level.
3. The Board of Examiners does not deal with the effective organization of the tests and examinations which are carried out by each university.
4. With regard to results of examinations the Board of Examiners may function as a Review Committee only if the student is not satisfied with the outcome reached at the university level.

Article 4.2 Local Examination Boards

The local examination boards - or their equivalent authority - of the master degree programmes from which the IMIM Degree Programme derives are responsible for enforcement and application of the local Study, Teaching and Exam Regulations applicable to the those local master degree programmes. The local examination boards may consult with the IMIM Degree Programme Joint Board of Examiners (BE), which is composed of independent members from each European partner institution. The BE functions as an advisory board for the local examination boards

and as a central point of contact between said local boards in matters of consultation concerning assessment procedures and other issues falling under the authority of the local examination boards. The BE may evaluate the consistency between the rules and regulations of the different master degree programmes from which IMIM derives and advice the local examination boards on strategies to align these where possible. The BE holds a status independent from the other boards and committees of the Degree Programme.

Article 5. Period of study and student mobility

Article 5.1 Duration

1. The standard study period is 24 months. It consists of four semesters, generally comprising: two teaching semesters, a semester undertaking a research internship and a semester to conduct the Master thesis research project.
2. The degree programme is full time and starts just prior to or in the first week of September of each year, depending on the academic calendar of the Partner Institutions involved.

Article 5.2 Workload

1. Study load in the degree programme is expressed in credits of the European Credit Transfer and Accumulation System (ECTS).
2. The degree programme has a study load of 120 ECTS credits, whereby one credit is the equivalent of 25 to 30 hours of study. The exact number of hours of study depends on national legislation and the regulations in place at each of the Partner Institutions.

Article 5.3 Mobility

1. Studies are organised according to the following general 'Mobility Plan'. The particular mobility plan for an individual student is determined in the Admission Procedure and in consultation between the universities involved, the Consortium Secretariat and IMIM Management Committee. The mobility plan can only be changed in well-motivated cases.

Sem. 1	Sem. 2	Sem .3	Sem .4	Place graduation (thesis) research	Super-visor 1	Super-visor 2*	DD from
UHEI	UHEI	RUG	RUG	RUG	RUG	UHEI	UHEI& RUG
				UHEI	RUG	UHEI	
				UU	RUG	UU	
				LA	RUG	LA	
UHEI	UHEI	UU	UU	UU	UU	UHEI	UHEI & UU
				UHEI	UU	UHEI	
				RUG	UU	UU	
				LA	UU	LA	
RUG	RUG	UU	UU	RUG	RUG	UU	RUG & UU
				UU	RUG	UU	
				UHEI	RUG	UHEI	
				LA	RUG	LA	
UU	UU	RUG	RUG	UU	RUG	UU	UU& RUG
				RUG	RUG	UU	
				UHEI	RUG	UHEI	
				LA	RUG	LA	

**A third supervisor may be appointed from one of the LA partner universities and/or from the company where student conducts thesis research if applicable*

RUG=University of Groningen
UHEI=Ruprecht-Karls-Universität Heidelberg
UU=Uppsala University
LA=One of the Latin American Partner Institutions

2. Students attending one of the Latin American Partner Institutions during the fourth semester are expected to be registered as exchange students at this institution, while simultaneously being registered as a regular student at one of the European Partner Institutions. Placement of students at a Latin American Partner Institution is done in consultation with said institution, which decides whether it accepts an IMIM student after due consideration of available resources and other relevant practical matters.

Article 6. Curriculum and modules

Article 6.1 Programme Learning Outcomes

1. Graduates of the degree programme are expected to have achieved at least the following programme learning outcomes at graduation:

IMIM – Learning outcomesⁱ

In addition to the general objectives for master level (two years) studies as stated in local legislation and rules applicable to the European Partner Institutions and their master programmes, the specific goals as outlined below must be fulfilled in regards to the IMIM programme.

To obtain the IMIM master degree upon completion of a two-year master programme, the student should have gained a deep theoretical knowledge within the field of translational medicine as well as advanced knowledge and practical experience of a large number of techniques and methods currently used in research in life sciences.

With this knowledge the student should:

- be able to independently, as well as in a group, formulate and process adequate scientific questions within the field of studies, both theoretically and experimentally in applying relevant techniques and methods;
- be able to independently and critically analyse as well as evaluate and compile relevant research findings both in writing - as reports or scientific articles - and orally;
- be able to formulate and present research- and business plans orally and in writing;
- have acquired skills to individually plan and execute projects in research as well as industry, while also being able to interact and collaborate in larger groups;
- have gained a solid knowledge and insight into the current research, new methods and therapies as well as their applications and development within health care and industry, resulting in an ability to discuss, evaluate and make conclusions concerning research and development;
- have developed an ability for abstract, analytical, conceptual and innovative thinking;
- have developed an ability to work in an inter-disciplinary and international team within research and / or private sector;
- have developed abilities to give, receive and process constructive criticism;
- consider the social, sustainability and ethical aspects of research and development project including obtained results as well as the possible impact and consequences these might have;
- present, both orally and in writing, research and results in popular science to different non-specialists target groups;
- work in an interdisciplinary environment within international research teams or private sector;

<ul style="list-style-type: none"> • use acquired knowledge and technological skills to identify and solve problems, generating new ideas related to the field of study. 			
IMIM Core competences and skills			
Academic skills	Interpersonal competences	Wider competences	Practical skills
<ul style="list-style-type: none"> ▪ Identify, pose and solve problems ▪ Work autonomously ▪ Capacity to learn, stay up-to-date with learning materials and maintain lifelong learning ▪ Plan, implement and complete an experiment ▪ Participate in and contribute meaningfully to scientific discussions ▪ Make conclusions regarding further research topics 	<ul style="list-style-type: none"> ▪ Interpersonal and interaction skills ▪ Understand, appreciate and work with individuals from other cultures ▪ Give, receive and consider constructive criticism ▪ Participate in a scientific discussion with different points of view being addressed ▪ Communicate in English, both orally and in writing ▪ Apply knowledge in practical situations 	<ul style="list-style-type: none"> ▪ Foster intellectual curiosity and excitement ▪ Readiness for lifelong learning ▪ Accept constructive feedback from others ▪ Plan and manage time ▪ Trust in one's abilities to succeed in practical work environments ▪ Finish tasks in time ▪ Recognize and accept cultural differences ▪ Recognize one's own strengths and weaknesses ▪ Continuously develop one's learning skills and working attitude 	<ul style="list-style-type: none"> ▪ Evaluate and maintain the quality of work produced ▪ Knowledge and understanding of the subject area and related professions ▪ Promote and participate in respectful cross-cultural exchange ▪ Appreciation of and respect for diversity and multiculturalism ▪ Work in an international context

2. To do justice to the necessarily different mobility paths and curricula followed by the students of the Degree Programme given the specifics of this programme, additional specific Learning Outcomes of the master degree programmes involved (as mentioned in Article 3 of the Consortium Agreement) of the different Partner Institution may apply in addition to the general Learning Outcomes of the IMIM Degree Programme as outlined above. The Partner Institutions will ensure that these specific Learning Outcomes are available to students of the Degree Programme.

Article 6.2 Curriculum

The joint curriculum has a modular structure and covers four semesters:

First semester: The student will attend a minimum of 30 ECTS of classes and coursework at one of the three European Partner Institutions. Students fulfilling the specific requirements for eligibility at the European Partner Institution will be selected and admitted according to the admission rules stated in Article 3. Students can indicate in their application form their preference, if any, as to which institution they would like to attend first. Generally speaking, students will be placed according to their educational background, though personal preference will be accommodated where possible and if deemed practicable and appropriate and providing the specific requirements of that institution are fulfilled. When dividing by educational background the following will act as general guidelines:

- RUG: BSc graduates of biochemistry, pharmaceutical and biomedical sciences
- UU: BSc graduates of biology, genetics, molecular biology and biotechnology etc
- UHEI: Graduates of medicine and dentistry

Second Semester: The student will undertake a research internship or courses comprising of a minimum of 30 ECTS at the same European Partner Institution,

focusing on an area preferably different to that of their academic background. All research internships undertaken must have been given prior approval by the IMIM Board of Examiners. If students attend UU at this stage, they may choose to do specialized coursework in genetics and epigenetics, molecular methods and biomarkers.

Third Semester: The student moves to the another European Partner Institution and completes elective course modules of a minimum of 30 ECTS.

Fourth Semester: The student undertakes a thesis research project of 30 ECTS, again in an area of their choice and in a location of their choice, provided that this has been approved by the IMIM Coordination and Board of Examiners, and when possible under the supervision of both an European Partner Institution supervisor and either a LA or private partner co-supervisor. Given this, three options exist for the student:

- i. Remain at a European Partner Institution with the following options:
 - RUG: 30 ECTS Master Degree Project (thesis)
 - UHEI: 30 ECTS Master Degree Project (thesis)
 - UU: 30 ECTS Master Degree Project (thesis).
- ii. Undertake Master Degree Project in form of research internship and thesis at a private sector Associated Partner equivalent to 30ECTS.
- iii. Attend a Latin American Partner Institution to complete a 30 ECTS Master Degree Project in form of research internship and thesis.

Each of these 30 ECTS Master Degree Projects encompasses a 4ECTS Bench to Bedside and Back Learning Line component.

Bench to Bedside and Back Learning Line: In each of the four semesters the students will participate in the Bench to Bedside and Back (BBB) learning line curriculum, totalling 20 ECTS (4X4 ECTS + 2 ECTS Spring School in semester 2 + 2 ECTS Summer School in semester 3). Of the 30 ECTS taken each semester, 4 ECTS will be as part of BBB project work. The students will undertake BBB activities together as part of one of the three Learning Communities established during the cohort's joint IMIM introduction week. Each Learning Community will consist of a number of students who began at each of the three different European Partner Institutions in the first semester.

The jointly developed and annually updated Student Handbook, provides students with detailed information on the content and conditions of the semesters at each Partner Institution and those applying to internships taken at the Latin American Partner Institutions or at an Associated Partner.

All students must have obtained 120 ECTS in total, completing an average of 30 ECTS each semester and including the mandatory 20 ECTS for BBB curriculum as well as the ECTS for other mandatory modules (see art. 6.3), in order to be awarded the International Master in Innovative Medicine EMJMD award.

Article 6.3 Modules

1. The following modules are mandatory in the degree programme: ¹

Year 1	
<i>RUG – MSc Medical Pharmaceutical Drug Innovation</i>	
	Top Class I: Recent developments in medical, biomedical and pharmaceutical sciences (11ECTS)
	Top Class II: Modern Techniques in medical, biomedical and pharmaceutical sciences (9ECTS)
	BBB1 (4ECTS)
	Research project I (30ECTS)
	BBB2 (4ECTS)
	BBB Spring School Personal Development (2ECTS)
<i>UHEI – MSc Translational Medical Research</i>	
	Module 1: Basic aspects of research, laboratory work, fundamental aspects of cell and molecular biology and of medical science and practice (3ECTS)
	Module 2: Advanced cell and molecular biology in theory and practice, biostatistics (6ECTS)
	Module 5: Elective in Molecular Oncology; Neurobiology; or Vascular Medicine (6ECTS)
	Module 3: Animal experimentation, disease processes and extended key competences (grant writing project), 5 week lab project (6ECTS)
	Module 4: Drug development and clinical trials, translational research and medicine, therapeutic strategies and targeting, 5 week lab project (9ECTS)
	BBB1 (4ECTS)
	Research internship, -paper and -presentation (20ECTS)
	BBB2 (4ECTS)
	BBB Spring School Personal Development (2ECTS)
<i>UU – MMS Molecular Medicine (MM) & MMS Medical Research (MR)</i>	
	Medical genetics and cancer; molecular mechanisms IMIM (15ECTS)
	Advanced Techniques in Molecular Medicine IMIM (15ECTS)
	Research project IMIM_T2 (30ECTS) / Advanced research training IMIMT2 (30ECTS)
	<i>OR the three below mentioned courses:*</i>
	- Genomic and Epigenomic Medicine IMIM (15ECTS)
	- Molecular Tools for Proteome Analysis and Diagnostics IMIM (7.5ECTS)
	- Biomarkers; Discovery and Validation IMIM (7.5ECTS)
	* Provided approval has been obtained from the IMIM examination board as well as the relevant local examination boards to follow these three courses instead of the 2nd semester research project.
Year 2	
<i>RUG – MSc Medical Pharmaceutical Drug Innovation</i>	
	BBB Summer School Industrial Perspectives on Innovative Medicine (2ECTS)
	Top class IV: Theoretical Preparation for advanced research in medical, biomedical and pharmaceutical sciences: writing project proposals (5ECTS)
	BBB3 (4ECTS)
	Introduction to research project II (3ECTS)
	Research project II (30ECTS)
	Extension research project II or a (track-dedicated) Elective course (5ECTS)
	Colloquium II (3ECTS)
	Top class V/Research proposal incl. BBB4: Theoretical Preparation for advanced research in medical, biomedical and pharmaceutical sciences: tender research proposal (8ECTS)
<i>UU – MMS Molecular Medicine (MM) & MMS Medical Research (MR)</i>	
	Bio-imaging and Cell Analysis (7.5ECTS)

¹ UHEI is in the process of planning the curriculum for 2016-2017 and of incorporating IMIM specific modules; the courses offered will be largely the same as outlined here but some adjustments will thus still be made. An annex with the final list of UHEI courses and ECTS will be added to this agreement as soon as said list has been established.

Regenerative Medicine (7.5ECTS)
Research project_IMIM_T3 (15ECTS)
OR Research project_IMIMT3 (30ECTS) / Advanced research training_IMIMT3 (30ECTS) <i>instead of the three directly above mentioned modules</i>
Master project in Innovative Medicine (30ECTS) / Master project_IMIMT4 (30ECTS)

2. It is not possible to replace compulsory courses/modules of the Degree Programme as outlined above with other courses/modules. The student may enrol for courses/modules in addition to the compulsory courses/modules provided this does not interfere with the mandatory curriculum of the Degree Programme. Whether or not additional courses/modules interfere with the mandatory curriculum of the degree programme is to be determined at the discretion of the Examination Board or its equivalent of the Partner Institution at which the student is enrolled at that time.

Article 6.4 Practical exercises

1. Modules may contain one or more practical exercises as part of the teaching and learning mode. These exercises are assessed by an oral or written assignment, according to the practices and rules applied by the university involved. Teaching methods in the modules can include lectures, tutorials, seminars, exercises, portfolios assignments, project proposals, practical courses, excursions, field trips, colloquia, placements, research projects and other forms, provided they are in agreement with the intended learning outcomes for the respective module.
2. The examination for a module may not be taken before the relevant practical exercises have been successfully followed.
3. Where applicable, successful participation in the practical exercises and finishing all required assignments successfully according to the assessment criteria, rules and practices applied by the university involved is considered to mean passing the relevant examination.

Article 6.5 Other types of assessment

If a type of assessment is not listed for a module in these regulations, e.g. because the module concerns a subject taught outside this degree programme, then the relevant Study, Teaching and Examination Regulations for that module or their equivalent will apply to that module.

Article 6.6 Attendance

1. Attendance during study related activities (e.g. classes) is compulsory where this does not conflict with the local rules of Partner Institutions.
2. In case of unjustified absence an extra assignment will have to be completed by the student. The specifics of such an assignment depend on the study activities missed and are to be determined at the discretion of the lecturer/supervisor/course director involved.
3. Absence is considered justified in case the student provides a statement from his/her doctor proving that attendance was not possible due to medical reasons. Absence may also be considered justified in other cases (e.g. family matters or other extenuating circumstances) if the student has explained his/her absence prior to the study activities from which the student is absent.
4. In cases of justified absence, the lecturer/supervisor/course director involved in the missed study activities will determine in consultation with the student how the student can catch up on the missed study activities to ensure that the student does still meet the Degree Programme's requirements.
5. Whether an absence is justified is to be determined in compliance with the regulations above by the lecturer/supervisor/course director of the relevant study activity of the Partner Institution at which the student is enrolled. The lecturer/supervisor may decide to consult the Examination Board or its equivalent at the relevant partner institution on this matter. In cases of absence from general

Degree Programme study activities (e.g. the joint Spring and Summer school), it is to be determined by the Degree Programme Board of Examiners whether or not an absence is justified.

Article 7. Examinations, assessments and grading system

Article 7.1 Examinations

1. Examinations, both interim and final, test students on the information they should have acquired in order to assess whether they have achieved or will achieve the required learning outcomes for a given module.
2. Students must follow the regulations on registering for and the execution of examinations of the Partner Institution concerned.
3. Examinations passed at one of the Partner Institutions as part of the degree programme are fully and automatically recognised by the other Partner Institutions the student attends as part of the IMIM programme, without prejudice to the provisions outlined in the Consortium Agreement under Art. 6.2(e). Repeat examinations and exemptions as provided for by Partner Institutions will be adhered to. To obtain the degree a student needs to at pass all four semesters and complete 120 ECTS as described in Article 6.2.
4. In case of disagreement surrounding a grade, the student may challenge the decision. An appeal against the grading of assessments and examinations shall be in agreement with the regulations established at the Partner Institution concerned without prejudice to article 4.1 section 4 above.

Article 7.2 Compulsory order of examinations

1. The student must have obtained at least 20ECTS of the first semester modules of the degree programme before being allowed to start in semester two.
2. The student must have obtained at least 45 out of 60 ECTS of the first year of the degree programme before being allowed to start in semester three.
3. The student must have obtained at least 75ECTS before being allowed to start the master thesis research project (internship).
4. Students are responsible for ensuring they register and attend all examinations, resit examinations and complete assignments as required. In case a student has not been able to succeed in obtaining the full 30 ECTS credits of a semester an individual repair track will be offered by the Partner Institution involved following the regulations for registering for examinations of the institution concerned.
5. Exemption from the prescribed compulsory order of examinations will only be given in exceptional cases, for instance when the student has health problems or very serious direct family related matters or other similarly extenuating circumstances In such cases, the student should address a request in writing to the relevant authorities at the Partner Institution where the student has not been able to obtain the full 30 ECTS credits of a semester and also to the Partner Institution where the student intends to study the next part of the degree programme. Approval for exemption needs to be given by both Partner Institutions following the customary procedures at the Partner Institutions involved.

Article 7.3 Assessment methods and criteria

1. The IMIM teaching staff at the Partner Institutions make every effort to ensure fairness, consistency and equity in its procedures of assessment.
2. Ensuring the criteria as mentioned in 7.3.1 are respected, assessment methods and criteria can vary by module and by university. Local rules and regulations with regard to assessment methods and criteria apply for courses and modules followed at a given Partner Institution.
3. Assessment methods and criteria for the thesis research project of the degree programme are based on the provisions as outlined under art. 9.2.

Article 7.4 Grading system

1. The results of examinations and assessments are given as a local grade (pertaining to the national grading culture of the Partner Institution where the module takes place).
2. All mandatory programme components must be concluded with at least a pass mark. No ECTS are awarded for components for which the student has obtained a grade below a pass mark.
3. The Latin American Partner Institutions will apply the grading scale of the Coordinating Institution university when awarding a specific grade. In practice, this will apply to a thesis research project conducted under the supervision of a supervisor from one of the Latin American Partner Institutions.
3. The Partner Institutions issuing a degree as part of the IMIM Double Degree arrangement converts the grades of a student to its local/national grade system making use of the following conversion table:

ECTS grading scale	RUG	UHEI	UU
A	8.5-10	1.0-1.5	5/VG
B	7.5-8.4	1.6-2.0	4/VG
C-D	6.5-7.4	2.1-3.3	4/3/G
D-E	5.5-6.4	3.4-4.0	3/G
Fail	1.0-5.4	4.1-5.0	U

Article 7.5 Access to information on grading

1. The Partner Institution where the student follows part of his/her degree programme will be responsible for registering the individual results of the student obtained at that institution and for supplying transcripts of records detailing those results to the other Double Degree issuing universities.
2. The IMIM Institutional Director of each Partner Institution should be willing to provide a student with an overview of the results achieved and/or registered at their Partner Institution on request.
3. Students have the right to be informed as to the assessment methods and the assessment criteria that will be used by the examiner, and are entitled to an objective assessment under them in all summative assessments performed on the subject. The assessment methods and criteria are documented in the course manual of the module, which is made available to the participating students before or at the beginning of the module.
4. In order to effectively guarantee the right of students to the objective assessment of their academic performance and, if necessary, to challenge the qualifications they deem unjustified, a student has the right to obtain adequate information on the examiner's application of assessment methods and criteria in the student's grading. In principle and unless the Partner Institution concerned has established another method, the examiner announces a date, time and venue after the grading where interested students can receive comprehensive information about the applied grading.
5. The guideline for normal maximum time permitted for grading is up to twenty-five

days after the day of the examination or the day an assignment is submitted, provided the deadline has been observed, the format is as prescribed and any plagiarism check is passed. Alternative maximum time permitted for grading may divert from this based on the local rules of the Partner Institution involved.

Article 7.6 Resits and re-assessments

1. If an assessment or examination results in an insufficient grade or the student does not show up on a fixed date or withdraws, the assessment or examination has to be repeated in a reassessment or resit.
2. Resits and reassessments take place according to the regulations and procedures of the Partner Institution involved.
3. In principle, resits and reassessments of insufficient grades can occur only once during one academic year. For exemptions to this rule and/or those of the Partner Institution involved in a specific resit or reassessment, the student has to submit a written request explaining the reasons of his/her petition for re-assessment. A decision will be adopted taking into account regulations and procedures of the Partner Institution involved and the reasons presented by the student.

Article 7.7 Functional disorders and handicaps

Students with a functional disorder will be given the opportunity to take examinations in a form that will compensate as far as possible for their individual handicap. If necessary, the local Examination Board will seek expert advice on this matter.

Article 7.8 Late submission of work

Late submission of an assignment is only accepted under special circumstances, e.g. illness. The student should inform the lecturer/course director before the deadline of the assignment and should present medical or other relevant proof on request. If not, the lecturer/course director can decide to sanction the student in terms of grading or to refuse the late work. Late submission of an assignment is usually graded with a fail.

Article 7.9 Unfair practice and fraud

1. Cheating, plagiarism, fabrication or falsification of results are acts or omissions by the student designed to partly or wholly hinder the forming of a correct assessment of his or her knowledge, skills and competence. These are unanimously considered as serious misconduct and each Partner Institution has its own disciplinary measures which shall be applied, ranging from a warning to the exclusion of the student from the Partner Institution. Cheating and plagiarism include but are not limited to:
 - the use of the ideas and phrases of others without reference to the source, the inclusion of a translation or paraphrase of someone else's work without reference to the source,
 - the submission of papers which are not substantially new compared to papers or assignments submitted for modules taken earlier in the programme (self-plagiarism).
2. In the event of cheating during an examination, the examiner may ban the examinee from further participation in the examination.
3. In the event of cheating during an examination or during a practical exercise, local regulations of the Partner Institution involved will apply.
4. A ban means that no result will be awarded for the examination or practical exercise in question.
5. The Institutional Director involved will inform the degree awarding Partner Institutions, via the IMIM Board of Examiners, of any such incidents.

Article 7.10 Anonymity and double grading

Anonymity and double grading depend on the lecturers of a module and on the number of lecturers involved in a course or module. Anonymity is not practiced in all Partner Institutions, but can be applied if necessary. In principle, the lecturer/course director responsible for the module is also the examiner of the module.

Article 7.11 External Examiners

External examiners can be invited to co-assess project presentations, internship reports and Master theses. In case of assessment by several individuals, depending on the type of work and on the number of people involved, the final grade is reached either by average calculus or by consensus. In cases where the regulations of the Partner Institution at which the student is undertaking the work limit this, the regulations of the Partner Institution shall apply.

Article 7.12 Exemptions

1. At the student's written request, the local Examination Board or its equivalent, having discussed the matter with the examiner in question, may grant exemption from an examination on condition that the student:

- has completed part of a university or higher vocational degree that is equivalent in content and level;
- can demonstrate by work experience that he has sufficient knowledge and skills with respect to the module in question.

Article 8. Internship

An internship plan comprising a list of the characteristics of the placement and a plan of activities must be drawn up before the placement commences. This plan must be approved by the supervisor of the internship providing organization or institution and the IMIM Board of Examiners. An internship should conclude in a written scientific article/report, a presentation to the research group and the evaluation of the supervisor. The final overall assessment of the placement will be done by the internship supervisor from the Partner Institution at which the student is enrolled at the time of the internship and after taking into account the assessment by the supervisor from the internship providing institution and the self-evaluation report by the student. Requirements and form may vary according to the regulations and procedures of the Partner Institution involved.

Article 9. Master thesis research project

9.1 Thesis research project supervision

1. The thesis research project will address a problem/issue from the area of translational medical research. The project should demonstrate that the student is able to answer a research question in this area within a given time frame.

2. The thesis research project will where possible be assessed by three supervisors: the 1st (main) supervisor from the Partner Institution at which the student is enrolled at the time of doing the thesis research project; the 2nd from one of the Latin American Partner Institutions (if the student is not enrolled at a Latin American Partner Institution, the 2nd supervisor will be from one of the European Partner Institutions); the 3rd from a private sector partner. The inclusion of the 3rd supervisor depends on the thesis research project and may be omitted following permission from the IMIM Examination Board if this board concludes this is warranted given the specifics of the thesis research project.

3. An additional thesis supervisor may be appointed or replace one of the above mentioned supervisors should this be required given the regulations in place at one of the Double Degree awarding Partner Institutions.

4. Supervision and assessment will be conducted in line with the 'Master Thesis Guide' compiled by the Consortium.

5. Appointing supervisors will be done in consultation with the local Examination Board of the Partner Institution at which the student is enrolled as well as with the IMIM Board of Examiners.

6. If the research protocol demands involvement of human participants (a.o. interviewing beneficiaries, observation of communities, use of data sets of third parties) or animal experiments or is funded by third parties, the thesis proposal needs to be approved for ethical clearance by the local Examination Board or equivalent ethical committee. Depending on local regulations and procedures of the Partner Institution involved, the student may be required to include further details on the ethical permit granted to the research supervisor concerned in the project description and thesis, as well as further details of the ethical and societal implications of the research conducted.

9.2 Assessment of thesis research project

1. Assessment methods and criteria for the thesis research project of the degree programme are based on local rules and regulations applicable at the relevant Partner Institution at which the student is enrolled and which delivers the 1st thesis supervisor. The assessment methods and criteria applied should in any case take into account :

- the quality of the written project description and application for the master project;
- the development/progress trajectory of the project during its course (taking into account the extent to which guidance from the supervisors was required);
- the quality of the presentation of the thesis research project;
- the ethical and societal impact of the thesis research project;
- the inclusion and application of the from Bench to Bedside and Back learning line;
- the quality of the written thesis (main emphasis).
- the critical review of other students work

2. All supervisors will use the shared IMIM Research Project assessment form in addition to applying local rules and regulations as outlined under art. 9.2.1

3. Upon completion of the thesis research project, the student is required to give an oral presentation to a panel consisting of at least the thesis supervisors. Other members may be included in the panel at the discretion of the IMIM Board of Examiners if doing so is relevant given the specifics of the thesis research project.

4. If by the end of the period allowed for completion of the thesis research project the thesis supervisors are of the opinion that the thesis research project cannot be awarded a pass mark, the student will be given one opportunity to remedy the work in order to be awarded a pass mark within a time frame defined by the degree programme by means of preparing and giving a new oral presentation or by means of preparing a new or revised thesis report and oral presentation.

5. If a pass mark is not awarded upon having made use of the options as given under 9.2.4 the thesis supervisors, after consultation with the IMIM Board of Examiners may require the student to undertake a further research internship, write a new thesis report and prepare a new oral presentation, necessitating the student to extend their registration on the IMIM programme for a fifth semester.

Article 10. Degree, certification and documents

Article 10.1 Degree

1. Students who have satisfied all the requirements of the final assessment, mobility periods and other relevant programme requirements shall be awarded a diploma as part of a Double-Degree diploma arrangement by the European Partner Institutions signatory to the Consortium Agreement at which the student has been awarded at least 60 ECTS. The title of the Master degree awarded shall be in accordance with the national accreditation of the degree programme of the universities involved.
2. Degrees issued under the Double Degree arrangement shall be signed according to the regulations applicable at the Partner Institution issuing the degree.
2. Students who have passed all the examinations for the degree programme, or who have satisfied the requirements for all parts of the programme approved by the Board of Examiners, must meet the local requirements and deadlines of the Partner Institutions signatory to the Consortium Agreement at which the student has been awarded at least 60 ECTS for a) registering the thesis, b) uploading or submitting the thesis and/or c) applying for the diploma where necessary.
3. Students who have not satisfied all the requirements of the final assessment within the duration of the degree programme as specified by article 5 will be required to re-register and pay any local extension fees which apply at the Partner Institutions involved. This may imply extension fees at each of the Partner Institutions involved that are signatory to the Consortium Agreement and at which the student is expected to be awarded at least 60 ECTS.

Article 10.2 Diploma and diploma supplement

1. The degree(s) awarded shall be testified by the issuance of a Master diploma and diploma supplement.
2. The diploma supplements shall follow the template developed by the European Commission, the Council of Europe and UNESCO/CEPES and shall be adapted to any further specifications in national legislation where applicable.

Article 11. Publication and amendments

1. The IMIM Consortium shall duly publish these Study and Examination Regulations and any amendments on the IMIM Blackboard.
2. Any amendments to these regulations will, after due consultation with the Partner Institutions, be confirmed by the IMIM Management Committee in a separate decree.
3. An amendment to these Study and Examination Regulations shall not apply to the current academic cohort, unless it may reasonably be assumed that the amendment will not harm the interests of students.
4. In addition, amendments may not influence the following to the detriment of students:
 - the degree programme defined in article 6.3
 - any other decision taken within the meaning of these regulations concerning a student

Article 12. Date of Commencement

These regulations shall take effect per 1 December 2015 as decreed by the representatives of the universities on the IMIM Management Committee of the IMIM Consortium.

ⁱ Students pursuing a degree from the Uppsala University under the IMIM Double Degree arrangement, will, in accordance with Swedish law, have to comply with the following as well:

The Higher Education Ordinance-Sweden-Uppsala University
SECOND-CYCLE QUALIFICATIONS
GENERAL QUALIFICATIONS

Degree of Master (120 credits) [Masterexamen]

Outcomes

Knowledge and understanding

For a Degree of Master (120 credits) the student shall

- demonstrate knowledge and understanding in the main field of study, including both broad knowledge of the field and a considerable degree of specialised knowledge in certain areas of the field as well as insight into current research and development work, and
- demonstrate specialised methodological knowledge in the main field of study.

Competence and skills

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information
- demonstrate the ability to identify and formulate issues critically, autonomously and creatively as well as to plan and, using appropriate methods, undertake advanced tasks within predetermined time frames and so contribute to the formation of knowledge as well as the ability to evaluate this work
- demonstrate the ability in speech and writing both nationally and internationally to clearly report and discuss his or her conclusions and the knowledge and arguments on which they are based in dialogue with different audiences, and
- demonstrate the skills required for participation in research and development work or autonomous employment in some other qualified capacity.

Judgement and approach

For a Degree of Master (120 credits) the student shall

- demonstrate the ability to make assessments in the main field of study informed by relevant disciplinary, social and ethical issues and also to demonstrate awareness of ethical aspects of research and development work
- demonstrate insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used, and
- demonstrate the ability to identify the personal need for further knowledge and take responsibility for his or her ongoing learning.

Independent project (degree project)

A requirement for the award of a Degree of Master (120 credits) is completion by the student of an independent project (degree project) for at least 30 credits in the main field of study.

Miscellaneous

Specific requirements determined by the each higher education institution itself within the parameters of the requirements laid down in this qualification descriptor shall also apply for a Degree of Master (120 credits) with a defined specialisation.

