Teaching and Examination Regulations (OER) Master Personalized Medicine 2024-2025

**Teaching and Examination Regulations (OER)**

**Master program Personalized Medicine (research)**

Amsterdam UMC – location VU University Medical Center

Faculty of Medicine VU Amsterdam

Academic Year 2024-2025

A. Faculty section

B1. program specific section - general provisions

B2. program specific section - content of program

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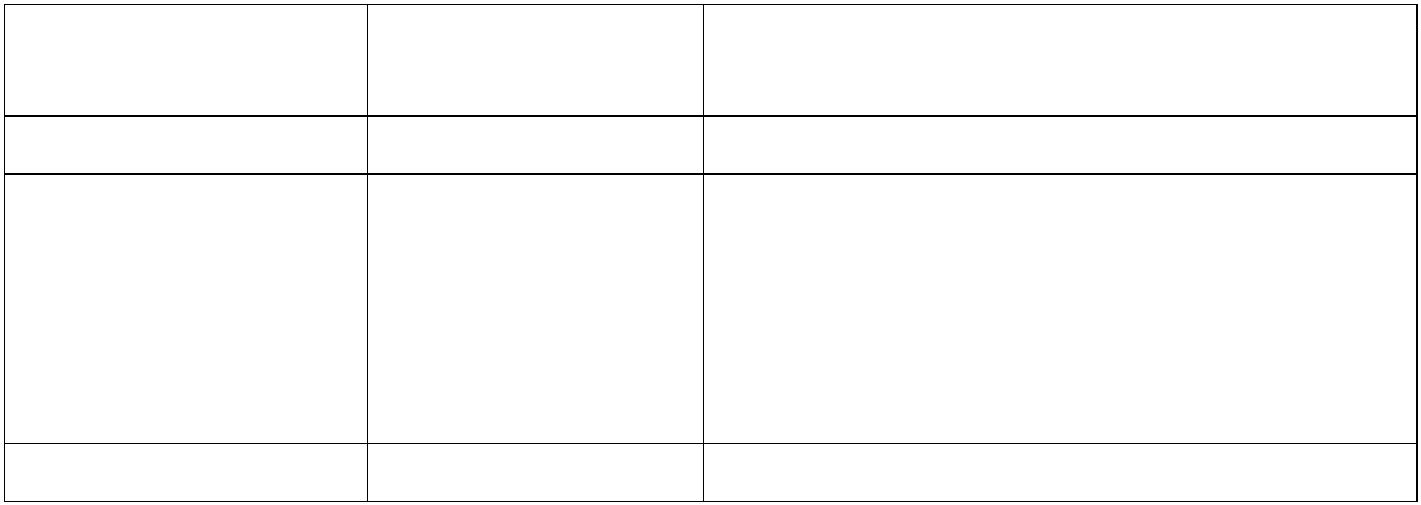
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**Section A: Faculty section**

**1**

**. General provisions**

Article 1.1 Applicability of the regulations

1

. These regulations apply to anyone enrolled in the program, irrespective of the academic year in

which the student was first enrolled in the program.

2

3

. These Regulations enter into force on 1 September 2024.

. An amendment to the Teaching and Examination Regulations is only permitted to concern an

academic year already in progress if this does not demonstrably damage the interests of students.

Article 1.2 Definitions

The following definitions are used in these Regulations:

a. admission board

the committee that assesses on behalf of the dean whether a

candidate meets the requirements to be admitted to the master's

program of their choice;

b. academic year:

the period beginning on the 1st of September and ending on the 31st of

August of the following calendar year;

c. Canvas:

d. Course:

Digital information system for students and teachers

a unit of study of the programme within the meaning of the WHW.

Art. 7.3 unit of education)

e. Cursys:

Student information system for master Epidemiology

f. EC (European Credit): A course credit with a workload of 28 hours of study;

g. examination:

an assessment of the student’s knowledge, understanding and skills

relating to a unit of education. The assessment is expressed in terms

of a final mark. An examination may consist of one or more partial

examinations. A resit always covers the same material as the original

examination program. An examination can be completed in writing,

orally or in another way;

h. final examination:

i. internship:

A master’s program consists of a master’s examination;

period spent working in professional practice as part of a study

programme;

j. period:

a part of a semester;

k. practical exercise:

the participation in a practical training or other educational learning

activity, aimed at acquiring certain (academic) skills. Examples of

practical exercises are:

o

o

o

o

researching and writing a thesis or dissertation

carrying out a research assignment

taking part in fieldwork or an excursion

taking part in another educational learning activity aimed

at acquiring specific skills, or

o

participating in and completing a work placement;

l. pre-Master’s enrollee: person enrolled in a pre-Master’s program, who is not a student from

a legal perspective;

m. program:

the totality and cohesion of the course components, teaching

activities/methods, contact hours, testing and examination methods

and recommended literature;

n. SAP/SLM:

o. semester:

the student information system (*Student Lifecycle Management*);

the first (September - January) or second half (February - August) of

an academic year;

4

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p. specialization

q. student:

optional route of study within a degree program indicating a

deepening of the (inter/multi) disciplinary context of the program;

'studying'. The term 'student' is intended to be gender-inclusive,

because this term has traditionally been used in regulations and is

seen as a professional term.

r. student statute:

sets out the rights and responsibilities of students on the one hand,

and of Vrije Universiteit Amsterdam on the other hand, including

those derived from the law and those derived from university

regulations. The Executive Board (CvB) officially confirms the student

statute once its completeness has been approved by the University

Student Council (USC).

s. study guide:

the guide for the study program that provides further details of the

courses, provisions and other information specific to that program.

The Study Guide is available electronically at:

[https://studiegids.vu.nl/en;](https://studiegids.vu.nl/en)

t. study monitor:

u. track

dashboard for students and academic advisors with data of the student

and that provides insight into the student's study progress;

a study pathway within a broader Bachelor's or Master's degree

program, such as a fully English-language study pathway within a

Dutch-language Bachelor's or Master's degree;

v. thesis:

a component comprising research into the literature and/or

contributing to scientific research, always resulting in a written

report;

w. unit of education:

a unit of study of the program within the meaning of the WHW; Vrije

Universiteit Amsterdam

x. university:

y. WHW:

Vrije Universiteit Amsterdam;

the Dutch Higher Education and Research Act (*Wet op het Hoger*

*Onderwijs en Wetenschappelijk Onderzoek*);

z. workload:

the workload of the unit of study to which an interim examination

applies, expressed in terms of credits = EC credits (ECTS = European

Credit and Transfer Accumulation System). The workload for 1 year

(1.680 hours) is 60 EC credits.

The other terms have the meanings ascribed to them by the WHW.

**. Study program structure**

Article 2.1 Structure of academic year and units of educational

**2**

1

2

3

4

. The study program will be offered in a year divided into two semesters.

. Every semester consists of three consecutive periods of eight, eight and four weeks

. An educational component comprises 6 EC or a multiple thereof.

. By way of exception to paragraph 3, Section B may stipulate that a unit of study comprises 3 EC

or a multiple thereof. The Faculty Board requests permission of the Executive Board.

a. 2.1.1 and 2.1.2 do not apply for the master Medicine. The schedule of the academic

year is described in Section B.

b. For the postgraduate programs Epidemiology and Higher Healthcare Education

(HGZO), article 2.1 does not apply. The schedule of the academic year is described

in Section B.

**3**

**. Assessment and Examination**

5



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Article 3.1 Signing up for education and interim examinations

1

. Every student must sign up to participate in the educational components of the program, the

examinations and retakes. The procedure for signing up is described in an annex to the Student

Statute.

a. For the Master Medicine different rules apply for the signing up procedure (see

Canvas).

b. For the Master Epidemiology different rules apply for the signing up procedure (see

[www.epidm.nl).](http://www.epidm.nl/)

c. For the Master HGZO different rules apply for the signing up procedure (see

[https://www.vumc.nl/educatie/onze-opleidingen/opleidingsdetail/master-docent-](https://www.vumc.nl/educatie/onze-opleidingen/opleidingsdetail/master-docent-hoger-gezondheidszorg-onderwijs.htm)

[hoger-gezondheidszorg-onderwijs.htm)](https://www.vumc.nl/educatie/onze-opleidingen/opleidingsdetail/master-docent-hoger-gezondheidszorg-onderwijs.htm).

2

. Signing up may only take place in the designated periods.

Article 3.2 Type of examination

1

. At the examiner’s request, the Examinations Board may allow a different form of interim

examination than that stipulated in the study guide.

Article 3.3 Oral interim examinations

1. No more than one student will be examined orally at a time, unless specified otherwise in part B

for the relevant unit of education.

2

. A second examiner is present when an oral examination is being held, unless the Examination

Board has determined otherwise. The oral examination takes place at a time and location to be

determined by the examiner within the regular timetable, on campus or online. At the request of

the student, and with the approval of the examiners, an audio recording can be made. Should the

second examiner not be available unexpectedly, an audio recording of the oral exam can be

made. This audio recording is retained by the university for the retention period applicable for

examinations.

Article 3.4 Determining and announcing results

1

. The examiner determines the result (= mark) of a written examination at the latest within ten

working days. Contrary to the provisions of the first sentence, the marking deadline for either

essays, papers or exams consisting of more than 50% of open-ended questions is no longer than

fifteen working days, while for theses and final assignments the marking deadline is no longer than

twenty working days after submission of the thesis/assignment. The examiner will then

immediately ensure that the marks are registered and also ensures that the student is immediately

notified of the mark, taking into account of the applicable confidentiality standards.

a. For the Master program Medicine an exception is made for Article 4.4.1 for the National

Progression Test (Interuniversitaire Voortgangstoets, iVGT) the results will be

determined after 25 working days.

2

3

. The examiner determines the result (i.e. mark) of an oral examination as soon as possible [but at

the latest within 48 hours] after the examination has finished and informs the student accordingly.

The third clause of the first paragraph applies.

. In the case of assessments other than oral or written examinations, the Examination Board

determines in advance how and by what deadline the student will be informed of the results.

Article 3.5 Examination opportunities

1

. Per academic year, two opportunities to take examinations will be offered for each unit of

education.

a. By way of exceptions to 1., the options for retaking practical components, work

placements and theses are detailed in the relevant work placement manual, course

manual or teaching regulations.

6



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2

3

4

. The most recent mark will apply in the event of a resit. A retake is allowed for both passed and

failed units of study.

. The resit for an interim examination must not take place within ten working days of the

announcement of the result of the examination being resat.

. The Examination Board may allow a student an extra opportunity to sit an examination if that

student

a. is lacking only those credits to qualify for their degree;

b. has failed the examination during all the previously offered attempts unless

participation in an examination was not possible for compelling reasons.

The extra opportunity can only be offered if it concerns a written examination, a paper or a take

home examination. This provision excludes the practical assignments and the Master’s thesis.

Requests for an additional examination opportunity must be submitted to the Examination Board

no later than 1 August. If necessary, the method of examination may deviate from the provisions

in the study guide.

5

6

. Retaking practical components, work placements and theses is not allowed in case a grade > 5.5

was obtained.

. If an educational component is no longer offered in the academic year following its termination,

at least one opportunity will be provided to sit the interim examination(s) or parts thereof and a

transitional arrangement will be included in the program-specific section for the subsequent

period.

Article 3.6 Marks

1

. Grades are given on a scale from 1 to 10 with no more than one figure after the decimal point.

2

. A final mark between 5 and 6 will be rounded to the nearest whole number: up to 5.50, rounded

down; 5.50 and higher than 5.50, rounded up. All other final marks will be expressed in whole or

half marks.

3

4

. To pass a given course or unit, a final mark of 6 or higher is required.

. The Examination Board can allow to use symbols rather than numbers.

Article 3.7 Exemption

1

. At the written request of the student, the Examination Board may exempt the student from taking

one or more examination components, if the student:

a. has passed a course component of a university or higher professional education

program that is equivalent in terms of content and level;

b. has demonstrated through their work and/or professional experience that they have

sufficient knowledge and skills with regard to the relevant course component.

2

. One or more educational components with examinations are excluded from this option of

exemption, see Section B.

Article 3.8 Validity period for results

1

. The validity period of interim examinations passed and exemption from interim examinations is

unlimited, unless otherwise specified in Section B.

Article 3.9 Right of inspection and post-examination discussion

1

. Within twenty working days after the announcement of the results of a written examination, but

at least ten working days before the resit opportunity for that examination, the student can submit

a request to review their graded examination.

2

. Students can view the questions and assignments set in the written examination, and the standards

applied when assessing the examination, within the period specified in 3.9.1.

7

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3

. The examiner determines whether the inspection takes place collectively or individually. In all

cases, the time and place of the inspection is announced in the course manual or learning

environment.

**4**

**. Academic student counseling and study progress**

Article 4.1 Administration of study progress and academic student counseling

1

. The Dean is responsible for the correct registration of the students’ study results. After the

assessment of an educational component has been registered, every student has the right to

inspect the result of that component and also has a list of the results achieved at their disposal in

VU.nl.

a. For the postgraduate Master degree Epidemiology the registration takes place in

CurSys.

2

. Enrolled students are eligible for academic student counseling. Academic student counselling is in

any case provided by:

a. The Student Counsellor

b. Student psychologists

c. Faculty academic advisors

Article 4.2 Facilities for students with a disability or impairment

1

. A student with a disability or impairment, can at the moment of submission to VU.nl, or at a later

instance, submit a request to qualify for special adaptations with regard to teaching, practical

training and interim examinations. These adaptations will accommodate the student’s individual

disability or impairment as much as possible, but may not alter the quality or degree of difficulty

of a unit of study or an examination. In all cases, the student must fulfil the exit qualifications for

the study program.

2

. The request referred to in the first paragraph must be accompanied by a statement by a doctor

or psychologist. If possible, an estimate should be given of the potential impact on the student’s

study progress. In case of a chronic disability a single (one time) request suffices.

3

4

. Students who have been diagnosed with dyslexia must provide a statement by a BIG, NIP or NVO

registered professional.

. The program director or the responsible person on behalf of the faculty board, decides on the

adaptations concerning the teaching facilities and logistics. The Examination Board will decide on

requests for facilities with regard to examinations.

5

6

. In the event of a positive decision in response to a request as referred to in paragraph 1, the

student can make an appointment with the study adviser to discuss the details of the provisions.

. A request for adaptations can be refused if it would place a disproportionate burden on the

organization or the resources of the faculty or university where it upheld. Any such refusal will be

substantiated.

7

. If the disability or impairment justifies an extension of the interim examination time, the

responsible person on behalf of the Examinations Board will register in SAP this entitlement to an

extension. If a disability or impairment justifies other measures to be taken, the academic adviser

can take the necessary measures. The student can consult the study monitor to check which

facilities have been granted to them.

8

. The decision as referred to in paragraph 5 may specify a limited validity of the facilities granted.

**5**

**. Hardship clause**

In instances not regulated by the Teaching and Examination Regulations or in the event of

disproportionate unreasonableness and unfairness, the Dean responsible for the degree program will

decide, unless the matter concerned is the responsibility of the Examination Board.

8

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**Section B1: Program specific section – General Provisions**

**6**

**. General program information and characteristics**

Article 6.1 Study program information

1

2

. The program Personalized Medicine (CROHO 66586) is offered on a full-time basis.

. The full-time program has a nominal study duration of 2 years.

Article 6.2 Teaching formats used and modes of assessment

1

2

. The program uses the teaching formats as described in the study guide.

. The modes of assessment used per educational component are specified in the study guide and in

Section B2 of this OER.

Article 6.3 Academic student counseling

1

. The program offers the following counselling in addition to the student counseling mentioned in

Section A

a. Program coordinator

b. Mentor system which is part of the Academic Core.

Article 6.4 Indecent behavior during the program

1

. Master Personalized Medicine students should, in the context of their program, behave like a good

Master student befits (Student Statute - article 10. VU Amsterdam Rules of Conduct). This applies

to the program as a whole and in particular in cases where a student, in the context of their

program, or as student Personalized Medicine has contact with people, who are present and/or

employed at the VU, Amsterdam UMC or the healthcare institution wherein they attend part of

the program. Indecent behavior in this context includes: discriminating, insulting, offensive or

otherwise negative remarks, impolite expressions, violence, no or too little respect, decency or

hygiene, violation of confidentiality, acting deceitfully, forgery of documents, fraud, deliberate

deception among other things, as well as unacceptable behavior including sexual intimidation, and

acting towards a third person against their wish. Additionally, one is referred to the Student

Statute 2024-2025 of the VU.

2

. In case, at any time during the program, a teacher, fellow-student or someone not directly

involved in the program states an action of indecent behavior by a student, this person (the

teacher, fellow-student or person not-directly involved in the program), after having informed the

student in question, reports in writing and justified to the dean. A *notification of an incident of*

*order* will be made. Subsequently, the notification will be handled in accordance with the

*Procedure notification of an incident of order*. Additionally, one is referred to the Student Statute

2

024-2025 of the VU.

**7**

**. Further admission requirements**

Article 7.1 Intake date

1. The program starts on September 1.

Article 7.2 Admission requirements

1

. The admission requirements will be published on the websites of the master program from the 1st

of October onwards before the start of the next academic year. Admission to the Master's program

is possible for an applicant who has obtained a (bio)medical, Life Sciences or related Bachelor’s

degree obtained at an institution of academic higher education, which meets the following

requirements:

9

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a. Well-developed academic skills including writing and presenting skills, the ability to

evaluate and apply knowledge, and the ability to engage in critical thinking.

b. A clear motivation and talent for participation in the program.

c. Basic knowledge of Molecular Biology, Immunology, Human Anatomy, Physiology and

Pathology.

d. Preferably a minimum grade-point average of 7.5 (or international equivalent, e.g. a B+,

or a GPA of 3.4); and a minimum grade of 8 (or international equivalent, e.g. an A, or a

GPA of 4.0), for the Bachelor’s thesis. If students have lower grades, they are also invited

to apply for the program.

e. Pass the admission assessment test of the program.

2

. An applicant should show that they have sufficient level of proficiency in English by meeting at

least one of the following standards, no more than two (2) years before the start of the program

at the VU:

a. (academic) IELTS (>6.5)

b. TOEFL paper-based test and TOEFL-ITP (> 580)

c. TOEFL internet-based test (> 92)

d. Cambridge Certificate of Proficiency in English (CPE) or the Cambridge Certificate of

Advanced English (CEA) Score C

3

. The requirements referred to in paragraph 2 do not apply to an applicant who:

a. completed an English-taught secondary or higher education degree in Canada, the United

States, the United Kingdom, Ireland, New Zealand or Australia or

b. have earned a Bachelor’s or Master’s degree in an English-taught program accredited by

NVAO in the Netherlands, or

c. have earned a Bachelor’s or Master’s degree in an accredited English-taught program in

another member state of the European Union

d. have earned a VWO diploma or equivalent diploma in which English of a comparable level

is required.

4

. Dutch degree holders must have passed the English courses in their previous education. In case

the admission board decides that the level of English proficiency is not sufficient based on the

previous education and/or admission assessment test, students will be asked to provide a VU-test

English-language proficiency: TOEFL-ITP certificate (> 580).

Article 7.3 Selection criteria

1

. In addition to the admission requirements referred to in Article 7.2, the Faculty board also sets

(at least two of) the following selection criteria:

a. talent and motivation for the program, demonstrated by a letter in which is stated the

motivation for the program as well as two reference letters from teachers and/or

supervisors;

b. proficiency in methods and techniques, demonstrated through a minimum grade of 8 for

the bachelor thesis or similar;

c. level of relevant knowledge and understanding, demonstrated by passing the admission

assessment test and interview;

d. academic attitude and critical thinking, demonstrated through a pass for the admission

assessment test and interview;

Article 7.4 Pre-Master’s program

1. The master program Personalized Medicine has no pre-Master’s program.

10

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**8**

**. Interim examinations and results**

Article 8.1 Sequence of examinations

1

. Students may participate in interim examinations [or practical exercises] of the components below

only if they have passed the interim examination or examinations for the components mentioned

hereinafter:

a. Minor Internship after passing 24 EC of compulsory courses;

b. Major Internship after passing the minor Internship;

2

. When the master program would like to give a student the opportunity to start earlier with a minor

internship or major internship thesis due to certain circumstances, the Examination Board Science

Masters is allowed to make an exception for 8.1 a and b.

Article 8.2 Validity period of results

1

. The validity period of the interim examinations and exemptions from interim examinations below,

is limited as follows:

a. The period of validity of interim examinations is 3 years, as of the subsequent academic

year in which the interim examination has been taken.

b. The period of validity for exemptions is 3 years, as of the year the interim examination

is granted.

c. The Examination Board can extend the validity of an examination or exemption when

the student files a motivated request. When the standardized knowledge of the

examination is clearly outdated, or if the qualifying skills are clearly outdated, the

Examination Board can impose an additional examination, impose an alternative

examination or refuse the validity period.

d. The validity period of a partial examination is limited to the academic year in which it

was sat.

11

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**Section B2: Program specific section – content of program**

**9**

**. Program objectives, specializations and exit qualifications**

Article 9.1 Workload program

1. The program has a workload of 120 EC.

Article 9.2 Specializations

Students that started the master Personalized Medicine before 2022-2023 will continue their program

and graduate from the master Personalized Medicine in the track Cardiovascular Sciences. Students

that started in 2022-2023 will continue and graduate in the master Personalized Medicine at the Vrije

Universiteit. See Article 11.2 Transitional Provisions.

Students have to choose a specialization in year 1 of the study, see article 10.1 and 10.2.

Article 9.3 Program objectives

The aim of this master program is to train and educate students with a biomedical or Life Sciences or

related Bachelor’s degree to obtain a Master’s degree.

The final program qualifications (assessment criteria) are focused on the ability to address complex

research questions and to perform independent state-of-the-art research in the field of clinical life

sciences. This is a research master program; therefore the program qualifications should comply to a

research standard for what we call an “early stage researcher”: a scientist at the start of a full

academic career, and we therefore developed a profile with end qualifications. Within this master

program, four roles for an early stage researcher have been defined that are based on the CanMEDS

(Canadian Medical Education Directions for Specialists) system, and have been adapted for research.

The four roles in order of importance are “scholar”, “collaborator”, “communicator” and “manager”.

Each role requires distinct competences (Article 9.4, Table 1). These competences are employed as

the final qualifications of this master program.

Article 9.4 Program competences

1

. In all events, a graduate of the degree program will have the attainment level as described in

Table1.

**Table 1: Roles of the early stage researcher.**

**Role 1 Scholar**

**The early stage researcher keeps their own knowledge and skills up-to-date and transfers scientific knowledge to**

**others. The early stage researcher works independently in a professional manner in the process of drafting,**

**implementing and evaluating areas of research. The early stage researcher steers their own professional**

**development.**

1.1

The early stage researcher keeps their own knowledge up-to-date.

1

1

.2

.3

The early stage researcher performs research independently.

The early stage researcher efficiently familiarizes themselves with a new area of research.

1

.4

.5

The early stage researcher exhibits adequate professional behavior.

The early stage researcher is able to steer their own professional development.

**Role 2 – Collaborator**

1

**The early stage researcher participates effectively and appropriately in a multidisciplinary research team and in**

**the inter-collegial peer review processes. The early stage researcher is able to build a network of contacts and to**

**use them adequately.**

2.1

2.2

2.3

The early stage researcher participates effectively in a multidisciplinary research team.

The early stage researcher makes adequate use of networks in the research field.

The early stage researcher participates in the inter-collegial peer review process.

**Role 3 – Communicator**

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**The early stage researcher gives oral and written reports of the research to colleagues in their own discipline and**

**to other stakeholders. The early stage researcher participates in scientific discussions and debates and takes a**

**position in such discussions and debates.**

3.1

The early stage researcher provides verbal and written reports of the research to colleagues in their own

discipline and to other stakeholders.

3

.2

.3

The early stage researcher participates in scientific discussions on research.

3

The early stage researcher participates in the public debate on research.

**Role 4 - Manager**

**The early stage researcher organizes their own research adequately within the applicable quality and financial**

**frameworks, in order to achieve the set goals.**

4.1

4.2

4.3

The early stage researcher can organize and manage scientific research.

The early stage researcher understands the financial aspects of research.

The early stage researcher contributes to the quality improvement of research and of the research institute.

Article 9.5 Language of instruction

1

. The language of instruction is English. All components of the master program should be taught

and performed in English.

2

. The ‘Gedragscode vreemde taal’ (code of conduct foreign languages) applies.

**1**

**0. Curriculum Structure**

Article 10.1 Composition of the program

1

. The program consists of the following components as shown in Figure 1:

a. Compulsory units of study (39 EC)

b. Optional units of study (12 EC) (minimum level 400, English taught)

c. Minor / Major Internship (24 and 36 EC respectively)

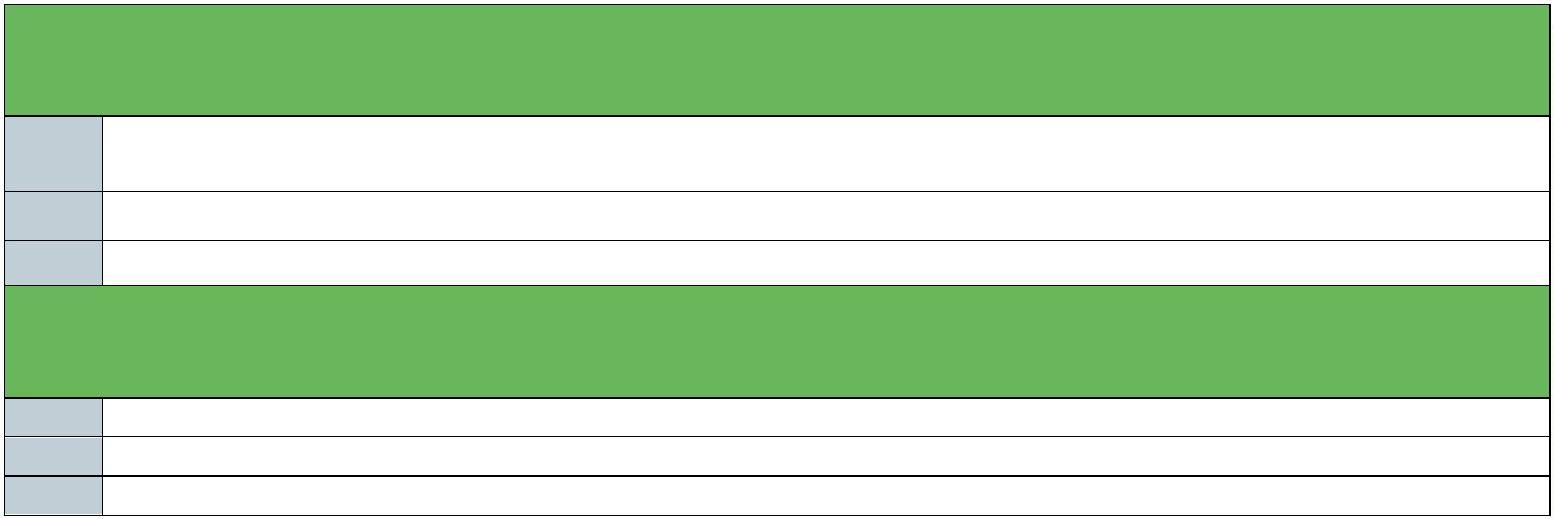
d. Literature Study (9 EC)

2

. Educational components are categorized as specialized (400), research oriented (500) and highly

specialized (600) level.

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**Figure 1:** Composition of the master program Personalized Medicine (research) .

Article 10.2 Compulsory units of the program

1

. The compulsory units of the program are:

**Number**

**of EC**

**Title**

**Code**

**Period**

**Teaching method Test type**

**Level**

**Year 1**

Personalized

Medicine

Lectures,

workgroups,

selfstudy

Examination,

assignments

M\_CPM22

6

Period 1

Period 1

400

500

Data Science &

Bioinformatics M\_CDSBI23

Lectures,

workgroups,

selfstudy

Examination,

assignments

6

6

Basics of

Clinical

Research and

Regulations

Lectures,

workgroups,

selfstudy

Examination,

assignments

M\_CBCRR22

Period 2

500

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Imaging

Principles

Lectures,

workgroups,

selfstudy

Examination,

assignments

M\_CIP22

6

0

0

Period 2

500

500

500

400

Scientific

Writing in

English

Lectures,

Semester 2 workgroups,

selfstudy

M\_CWARP23

Assignments

Lectures,

workgroups,

selfstudy

Lectures,

workgroups,

selfstudy

Semester

1 - 2

Academic Core M\_CACCO123

Report,

presentation,

practical work

Minor

Internship

Practical work,

work discussion

M\_CMINORI23 24

Semester 2

**Specialization Medical Imaging\***

Lectures,

workgroups,

selfstudy

Medical Imaging

I

M\_CMEIM123

M\_CMEIM223

6

6

Period 3

Period 4

Assignments

Assignments

500

500

Lectures,

workgroups,

selfstudy

Medical Imaging

II

**Specialization Technological**

**Development\***

Lectures,

workgroups,

selfstudy

Technological

Development I

M\_CTD123

M\_CTD223

6

6

Period 3

Period 4

Assignments

Assignments

500

500

Lectures,

workgroups,

selfstudy

Technological

Development II

**Specialization Biomarkers & Medicines**

Lectures,

workgroups,

selfstudy

Biomarkers &

Medicines I

**M\_CBMM124**

**M\_CBMM224**

6

6

Period 3

Period 4

Assignments

Assignments

500

500

Lectures,

workgroups,

selfstudy

Biomarkers &

Medicines II

**Year 2**

Lectures,

workgroups,

selfstudy

Partners in

Innovation

M\_CPIIN23

3

Period 1

Assignments

500

Lectures,

workgroups,

selfstudy

Semester 1

Academic Core M\_CACCO223

Literature

0

9

Assignments

500

500

500

-

2

Semester 1-

2

Report, presentation

M\_CLITSTU16

Work discussions

Study

Thesis, presentation,

practical work

Major

Internship

Semester 1- Practical

work,

M\_CMAJORI16 36

2

work discussion

*\*Students choose one of the different specializations*

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To pass a compulsory unit, students must obtain a minimal grade of 5.50 for all test types that are

part of this compulsory unit. More information about the compulsory units are described in the

study guide.

Article 10.3 Elective educational components

1

. The Faculty of Medicine VU Amsterdam offers the following electives:

**Number**

**of EC**

**Teaching**

**method**

**Title**

**Code**

**Period**

**Test type**

**Level**

Lectures,

Work groups,

Self-study

Biobusiness

course

M\_OBIOBUS10

3

3-4

Assignments

500

Proteomics in

Biomedical

Sciences

Lectures,

Laboratory

project,

Literature

presentation,

Self-study

M\_CPROTBIO09

M\_CCARDE18

3

3-4

Exam

500

500

Lectures,

Semester Work groups,

Cardiac

Development

3

Exam

1

Self-study

Practicals

Student

Lectures,

Education

Qualification

(StOK)

Semester practical work,

M\_FSTOK24

M\_CEXINT23

12

Assignments

400

500

1 & 2

workgroups,

self-study

Practical work, Thesis,

work discussion presentation,

practical work

Extension

Internship

Semester

2-4

3-6

For optional courses, students need to obtain permission in advance from the Examination Board.

Students can also apply for courses at other faculties or universities, for which they need to

provide the program of the course, the level, the examination and their own study plan including

results thus far. The optional courses must be taught in English. The total amount of EC for the

optional courses is 12 EC.

Article 10.4 Practical exercise

1. Practical exercises are described in Section B2 Article 10.2 of this OER.

Article 10.5 Participation in practical exercise and tutorials

1

2

3

. In the case of a practical training, the student must attend 100% of the practical sessions. Should

the student attend less than 100%, the student must repeat the practical training, or the

Examination Board may have one or more additional assignments issued.

. In the case of tutorials with assignments, the student must attend 100% of the tutorials. Should

the student attend less than 100%, the student must repeat the study group, or the Examination

Board may have one or more additional assignments issued.

. In exceptional circumstances, the Examination Board may, at the request of the student, permit

an exemption (a maximum of 30 EC) from this requirement if it is evident that the intended skills

have been acquired.

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Article 10.6 Maximum exemption

1

. A maximum of 30 EC of the curriculum can be accumulated through granted exemptions by the

Examination Board. This exemption does not apply to the Major Internship (Master’s Thesis).

**1**

**1. Evaluation and transitional provisions**

Article 11.1 Evaluation of the education

1

. The education provided in this program is evaluated in accordance with the evaluation plan which

is published on CANVAS. The faculty evaluation plan offers the framework.

Article 11.2 Transitional provisions

1

. By way of derogation from the Teaching and Examination Regulations currently in force, the

following transitional provisions apply for students who started the program under a previous set

of Teaching and Examination Regulations:

a. For students registered before 2022-2023, the course codes M\_CHCBP16,

M\_CCDMDT16, M\_CDVDMDT16 and M\_CFAISC16 still apply.

b. For students registered before 2023-2024, the course codes M\_CACCOREB14,

M\_FBIOSTAT16, M\_FWRP18, M\_CMINORI16, M\_CDTN22 and M\_CMAJORI16 still apply.

Advice and approval by the Program Committee, on

Approved by the Faculty Joint Assembly, on

Adopted by the board of the Faculty, on

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