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Appendices for the Master's degree programme in Medical Pharmaceutical Sciences

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Appendix I. Learning outcomes of the degree programme (art. 3.1)

	General learning outcomes *At the end of the programme, the graduate is able to…*
1	*Knowledge and insight* Explain the major underlying principles in Medical Pharmaceutical Sciences including subdiciplines such as of drug discovery, sustainability of drug discovery, analysis of drugs and biomarkers, pharmacology, toxicology, biopharmacy, clinical pharmacoepidemiology and post-marketing surveillance, on a level that exceeds knowledge from a bachelor in pharmacy or a pharmacy related discipline.
2	*Apply knowledge and insight and learning skills* Formulate hypotheses, design and conduct scientific research, interpret data and demonstrate proficiency in statistical analyses in the respective subdiscipline in new and unknown situations.
3	*Judgement formation* Critically evaluate scientific data from experiments, literature or databases, and offer sound arguments to justify a position.
4	*Judgement formation* Identify societal and ethical implications of Medical Pharmaceutical Research and act according to the scientific code of conduct.
5	*Communication* Effectively communicate scientific knowledge, argumentations and conclusions to specialists as well as to a lay audience through oral and written presentations.
6	*Communication and Learning skills* Contribute knowledge and skills to a professional team and is able to give and receive feedback to optimize the performance of the team.
7	*Learning skills* Evaluate personal capabilities and motivations and employ this for professional development and career perspectives.

Pharmaceutical Design and Engineering

	Track specific learning Outcome *At the end of the programme, the graduate is able to…*
PDE1	*Knowledge and insight* Gain specialized knowledge in pre-clinical Medical Pharmaceutical Sciences and formulate realistic and original solutions for complex problems.
PDE2	*Knowledge and insight* To design and execute experimental procedures and data management in modern pharmaceutical laboratories in the perspective of pre-clinical Medical Pharmaceutical Sciences.

Pharmacotherapy & Toxicology

	Track specific learning Outcome *At the end of the programme, the graduate is able to…*
P&T1	*Knowledge and insight* Gain specialized knowledge in clinical Medical Pharmaceutical Sciences and formulate realistic and original solutions to complex problems.
P&T2	*Knowledge and insight* To design and execute scientific research and data management in a modern pharmaceutical research environment in the perspective of clinical pharmaceutical research.

Science, Business and Policy (SBP)

	Track specific learning Outcome *At the end of the programme, the graduate is able to…*
SBP	*Knowledge and insight* Gain specialized knowledge of Business and Policy and connect this to Medical Pharmaceutical Sciences to formulate realistic and original solutions to complex problems.

Sustainable Drug Discovery (S-DISCO)

	Track specific learning Outcome *At the end of the programme, the graduate is able to…*
S-DISCO 1	*Knowledge and insight* Understand the importance and impact of sustainability in drug discovery with local and global health systems.
S-DISCO 2	*Judgement formation* Explain how and where ecological and socio-economic systems interact to influence sustainability in the drug discovery process.
S-DISCO 3	*Judgement formation* Consider and include sustainability in drug discovery decision making.
S-DISCO 4	*Judgement formation* Analyse and explain regional and global sustainable drug discovery using a transdisciplinary and holistic approach.

Appendix II. Tracks/specializations (art. 3.6)

1. Within the degree programmes, the student chooses one of the Research-tracks written below (R-track), or one chooses the **Science, Business and Policy**-track ("SBP-track"), which prepares for professions in a societal, political and/or commercial context.

2. Within the degree programme Medical Pharmaceutical Sciences, the R-track **Pharmacotherapy and Toxicology**, provides students training as a researcher with a focus on the clinical aspects of drug discovery and drug application. In this track students can specialize in themes such as: vaccinology, clinical toxicology, pharmaco-epidemiology, pharmaco-economics, big data management, clinical trials or postmarketing surveillance.

3. Within the degree programme Medical Pharmaceutical Sciences, the R-track **Pharmaceutical Design and Engineering**, provides students training as a researcher with a focus on the pre-clinical aspects of drug discovery. In this track students can specialize in themes such as: medicinal chemistry, chemical biology, pharmacology, bioanalysis, nanomedicine and pharmaceutics or molecular toxicology.

4. Within the degree programme Medical Pharmaceutical Sciences, students selected for the mobility programme Sustainable Drug Discovery are trained in inter-and trans-disciplinary skills in the different fields of drug discovery, with a focus on sustainability. For this mobility programme, specified Teaching and Examination Regulations and admission rules apply. Further information is available on: https://sustainabledrugdiscovery.eu/

Appendix III. Content of the degree programme (art. 3.7.1)

The degree programme Medical Pharmaceutical Sciences offers the following tracks:

- Pharmaceutical Design and Engineering
- Pharmacotherapy and Toxicology
- Science Business & Policy
- Sustainable Drug Discovery – only open to students admitted to this mobility programme.

For this Sustainable Drug Discovery programme, specified Teaching and Examination Regulations and admission rules apply. Further information is available on: https://sustainabledrugdiscovery.eu/ and https://studiekiezer.ugent.be/2025/international-master-of-science-in-sustainable-drug-discovery-en/programma

The following rules apply to all tracks:

- At the start of their programme, the student chooses or is assigned a study mentor to advise and discuss the contents of the individual degree programme. Each track has designated study mentors listed on the Student Portal.
- The student requests approval from the Board of Examiners before starting a research project, a colloquium or an SBP work placement via the proposal form.
- Research projects must have a start date between the 1st of September and the 15th of February.

The following rules apply to the PDE/PT&T track:

- The two research projects must deal with different research subjects.
- Each research project must be supervised by two different MPS-examiners. Since there are two research projects, a student will be supervised by four different MPS-examiners in total.
- Students are allowed to have one of the four examiners from the research projects as a first or second examiner for their colloquium.
- The first research project must be performed at the Faculty of Science and Engineering (FSE) or the University Medical Centre Groningen, under supervision of one of the appointed examiners

The following rules apply to the SBP-track:

- The research project and the work placement SBP must be supervised by three different MPS-examiners.
- One of the examiners for the work placement SBP is an SBP-examiner.
- Students are allowed to have one of the three MPS-examiners from the research project or work placement as a first or second examiner for their colloquium.
- An SBP-examiner is not allowed to supervise a student's colloquium, only the work placement SBP.
- The first research project must be performed at the Faculty of Science and Engineering (FSE) or the University Medical Centre Groningen, under supervision of one of the appointed examiners.

Requirements for the track Pharmaceutical Design and Engineering

Mandatory:

Course unit	ECTS	Course code	Practical	Entry requirements
Research project 1 (RP)	≥ 30	WMMP901-XX	X	Safe Microbiological Technique certificate *
Research Project 2 (RP2)	≥ 30	WMMP902-XX	X	Safe Microbiological Technique certificate * Research Project 1 Academic Skills
Colloquium	5	WMMP001-05	X	
Drug Development: From Design to Evaluation	5	WMMP006-05		
Academic Skills	5	WMMP012-05	X	
Track-specific courses	20	See below	See below	See below
Electives	25	See below	See below	See below

* Students who have not obtained a Safe Microbiological Technique certificate (VMT in Dutch) have to include the Microbiological Safety course in the first year of their study programme.

The subject of one of the research projects and the subject of the colloquium has to be in a track-related field.

Track-specific courses:

Students in the track PDE have to do at least four from the six courses listed below:

Course unit	Course code	ECTS
Advanced Pharmacokinetics	WMMP005-05	5
Principles and Applications of Advanced Therapy Medicinal Products	WMFA059-05	5
Green Chemistry	WMMP017-05	5
Molecular Toxicology	WMMP007-05	5
Nanomedicine and Advanced Pharmaceutics	WMMP018-05	5
Sustainable Drug Design and Engineering	WMMP016-05	5

Electives can be:

- an extension of a research project. Research Project 1 can be registered as 30 or 35 ECTS. Research Project 2 can be registered as 30, 35 or 40 ECTS. Arrangements for extensions can be made during the midterm evaluation at the latest.
- course units (see appendix IV).
- a research assignment of 5 ECTS. Students must discuss their research assignment with their academic advisor and request permission from the Board of Examiners, just as they would with a course that's not already in the list of electives in Appendix IV.

Requirements for the track Pharmacotherapy and Toxicology

Mandatory:

Course unit	ECTS	Course code	Practical	Entry requirements
Research project 1 (RP)	≥ 30	WMMP901-XX	X	Safe Microbiological Technique certificate *
Research Project 2 (RP2)	≥ 30	WMMP902-XX	X	Safe Microbiological Technique certificate * Research Project 1 Academic Skills
Colloquium	5	WMMP001-05	X	
Drug Development: From Design to Evaluation	5	WMMP006-05		
Academic Skills	5	WMMP012-05	X	
Track-specific courses	20	See below	See below	See below
Electives	25	See below	See below	See below

* Students who have not obtained a Safe Microbiological Technique certificate (VMT in Dutch) have to include the Microbiological Safety course in the first year of their study programme.

The subject of one of the research projects and the subject of the colloquium has to be in a track-related field.

Track-specific courses:

Students in the track PT&T have to do at least four from the six courses listed below:

Course unit	Course code	ECTS
AI Introduction and Applications in Pharmacy Practice	WMFA057-05	5
Clinical Toxicology	WMFA042-05	5
Introduction to Vaccines and Vaccinology	WMMP020-05	5
Molecular Toxicology	WMMP007-05	5
Pharmacoeconomics	WMFA040-05	5
Reproductive Toxicology and Epidemiology	WMMP010-05	5

Electives can be:

- an extension of a research project. Research Project 1 can be registered as 30 or 35 ECTS. Research Project 2 can be registered as 30, 35 or 40 ECTS. Arrangements for extensions can be made during the midterm evaluation at the latest.
- course units (see appendix IV).
- a research assignment of 5 ECTS. Students must discuss their research assignment with their academic advisor and request permission from the Board of Examiners, just as they would with a course that's not already in the list of electives in Appendix IV.

Requirements for the SBP-track:
Mandatory:

Course unit	ECTS	Course code	Practical	Entry requirements
research project (RP)	≥30	WMMP901-XX	x	Safe Microbiological Technique certificate[#]
colloquium	5	WMMP001-05	x	
Drug Development: from Design to Evaluation	5	WMMP006-05		
Academic Skills	5	WMMP012-05	x	
Introduction to Science & Business	10	WMSE001-10	x	-
Introduction to Science & Policy	10	WMSE002-10	x	-
work placement SBP	40	WMSE902-40	x	RP Intro S&B Intro S&P
Electives	15	See below	See below	See below

[*] Students who have not obtained a Safe Microbiological Technique certificate (VMT in Dutch) have to include the Microbiological Safety course in the first year of their study programme.

Electives can be:

- an extension of a research project. Research Project 1 can be registered as 30 or 35 ECTS. Arrangements for extensions can be made during the midterm evaluation at the latest.
- a research assignment of 5 ECTS. Students must discuss their research assignment with their academic advisor and request permission from the Board of Examiners, just as they would with a course that's not already in the list of electives in Appendix IV.
- course units from the following table:

Course unit	Course code	ECTS
Advanced Pharmacokinetics	WMMP005-05	5
Principles and Applications of Advanced Therapy Medicinal Products	WMFA059-05	5
AI Introduction and Applications in Pharmacy Practice	WMFA057-05	5
Clinical Toxicology	WMFA042-05	5
Green Chemistry	WMMP017-05	5
Introduction to Vaccines and Vaccinology	WMMP020-05	5
Laboratory Animal Science *	WMBY026-05	5
Microbiological Safety	WMMP004-01	1
Molecular Toxicology	WMMP007-05	5
Nanomedicine and Advanced Pharmaceutics	WMMP018-05	5
Pharmacoeconomics	WMFA040-05	5
Reproductive Toxicology and Epidemiology	WMMP010-05	5
Sustainable Drug Design and Engineering	WMMP016-05	5

***** Course unit only possible in combination with an MSc research project involving animals. Due to limited LAS capacity, the online module Animal Experimentation (WMBY019-05) may be taken

separately with approval from the course coordinator, provided that animal experiments are part of the research project. This course (WMBY019-05) does not qualify students for an article 9 certificate.

Requirements for Sustainable Drug Discovery

Students selected for the mobility programme Sustainable Drug Discovery follow this set of courses while registered at the University of Groningen.

For this mobility programme, specified Teaching and Examination Regulations and admission rules apply. Further information is available on: https://sustainabledrugdiscovery.eu/ and https://studiekiezer.ugent.be/2025/international-master-of-science-in-sustainable-drug-discovery-en/programma

Course unit	Course code	ECTS
Drug Development: from Design to Evaluation	WMMP006-05	5
Sustainable Drug Design and Engineering	WMMP016-05	5
Advanced Pharmacokinetics	WMMP005-05	5
Green Chemistry	WMMP017-05	5
Nanomedicine and Advanced Pharmaceutics	WMMP018-05	5
Colloquium or AI Introduction and Applications in Pharmacy Practice	WMMP001-05 or WMFA057-05	5
Research Project SDISCO	WMMP903-30	30

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Appendix IV. Electives (art. 3.8.1)

The table below lists study elements that can be chosen as electives in MPS within the tracks Pharmaceutical Design and Engineering or Pharmacotherapy and Toxicology.

The electives possible within the track Science Business & Policy are listed in Appendix III under the Requirements for the SBP-track, and the Sustainable Drug Discovery track does not have elective space.

Additional knowledge may be required in specific course units. These requirements will be published on Ocasys. For up to date information regarding the courses, such as assessment, entry requirements and learning objectives, Ocasys is leading.

After consultation with the academic advisor and approval of the Board of Examiners, students may also choose from options available from other departments, other universities in the Netherlands or even abroad.

Course	Course code	ECTS
Advanced Light Microscopy	WMBY016-05	5
Advanced Pharmacokinetics	WMMP005-05	5
Principles and Applications of Advanced Therapy Medicinal Products	WMFA059-05	5
Advanced Statistics	WMBY018-06	6
Advances in Chemical Biology	WMCH014-05	5
AI Introduction and Applications in Pharmacy Practice	WMFA057-05	5
Applied Statistics and Machine Learning	WMBM028-05	5
Behavioural Pharmacology	WMBC003-05	5
Big Data & Applications in biomedicine	WMBM025-05	5
Clinical Toxicology	WMFA042-05	5
Drug development and disease modelling	GKMMIT921	5
From Big Data to Personalised Medicine	WMBM008-05	5
Fundamentals of Virology	WMBY034-05	5
Green Chemistry	WMMP017-05	5
Innovative Therapeutics ^	WMFA037-05	5
Introduction to Vaccines and Vaccinology	WMMP020-05	5
Klinische Chemie en Pathofysiologie ^	WMFA036-05	5
Laboratory Animal Science *	WMBY026-05	5
Microbiological Safety	WMMP004-01	1
Molecular Toxicology	WMMP007-05	5
Nanomedicine and Advanced Pharmaceutics	WMMP018-05	5
Neem Regie ^	TEM0110-24	10
Neurobiology of Psychiatric Disorders	WMBM018-05	5
Next-generation sequencing methods and data analysis	WMBS023-05	5
Organic Synthesis: Methods and Strategy 1	WMCH017-05	5

Organic Synthesis: Methods and Strategy 2	WMCH024-05	5
Orientation on Non-academic Careers	WMBY032-05	5
Oriëntatie op Onderwijs in de Bètawetenschappen ^	WMEC013-05	5
Pharmacoeconomics	WMFA040-05	5
Practical Computing for Biologists	WMBY008-05	5
Programming C++ for Biologists	WMBY010-05	5
Reproductive Toxicology and Epidemiology	WMMP010-05	5
Skills in Science Communication (2a)	WMEC006-05	5
Sustainable Drug Design and Engineering	WMMP016-05	5
Tools and Approaches of Systems Biology	WMBS005-05	5
Translational Research in Respiratory Disease	WMBM015-05	5
Unlocking Therapeutic Potential	GKMMIT920	5

^ Course unit offered in Dutch only.

***** Course unit only possible in combination with an MSc research project involving animals. Due to limited LAS capacity, the online module Animal Experimentation (WMBY019-05) may be taken separately with approval from the course coordinator, provided that animal experiments are part of the research project. This course (WMBY019-05) does not qualify students for an article 9 certificate.

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Appendix V. Entry requirements and compulsory order (art. 4.4)

Course unit	Course Code	ECTS	Entry requirement
Research project 1	WMMP901-XX	30 or 35	Safe Microbiological Technique certificate
Research project 2	WMMP902-XX	30, 35 or 40	Research project 1 + Academic Skills
Work placement Science Business & Policy	WMSE902-40	40	Research project 1 + courses Science & Business and Science & Policy

Appendix VI. Admission to the degree programme (Art. 2.1A.1, 2.1A.2 and 2.1B.1)

1. Requirements for admission to the master degree in Medical Pharmaceutical Sciences

From other Dutch universities:

- a Bachelor's degree in Pharmacy from the Utrecht University (croho-code 56157)
- a Bachelor's degree in Bio-Pharmaceutical Sciences from Leiden University (croho-code 50207)
- a Bachelor's degree Life Science and Technology from Leiden University (croho-code 55010)
- a Bachelor's degree in Molecular and Biophysical Life Sciences from the Utrecht University
- (croho-code 55825)
- a Bachelor's degree in Farmaceutische Wetenschappen at the VU Amsterdam
- (croho-code 56989).
- a Bachelor's degree Medische Natuurwetenschappen at the VU Amsterdam
- (croho-code 50800).
- a Bachelor's degree Molecular Life Sciences at the Radboud University of Nijmegen (croho-code
- 56944).
- a Bachelor's degree Moleculaire Levenswetenschappen at Wageningen University (croho-code 59304).
-

From the University of Groningen:

- a Bachelor's degree in Pharmacy.

- a Bachelor's degree in Biology with the following major:
  - Molecular Life Sciences

- A Bachelor's degree in Life Science & Technology (new curriculum from 2020/2021 onwards) with one of the following specialisations
  - Medical Pharmaceutical Sciences
  - Chemistry
  - Biomolecular Sciences

- A Bachelor's degree in Chemistry with the following specialisation:
  - Chemistry of Life

Students with a Bachelor's degree in a discipline closely related to pharmacy from another Dutch or foreign university may also qualify for admission. The respective bachelor program will be evaluated for relevant courses in molecular and cellular biology, biochemistry/organic chemistry, pharmaceutical sciences, chemical analysis, statistics. practical lab skills in medical pharmaceutical sciences and proof of academic scientific writing skills . The completeness and compatibility of the individual admission files is independently evaluated by two members of the Admission Board upon which a common decision for admission or rejection is reached. Both admission and rejection decisions have as a primary aim to warrant the interest of the student.
It is possible to appeal to the decision of the admission board via standardized procedures at the University of Groningen.

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Appendix VII. Pre-master programmes and Fast-Track programmes (Art. 2.3)

A. Pre-master's programmes

1. FSE offers fixed Pre-Master's programmes of 30 ECTS for access to the MSc Medical Pharmaceutical Sciences individually determined Pre-Master's programmes. The overview below shows:

- Which NVAO-accredited HBO diploma grants access to the MSc upon completion of the Pre-Master's programme;
- The content and student workload for these fixed programmes, depending on whether the student starts in the first or second semester.

a. Bachelor

- A bachelor's degree in Biology and Medical Laboratory Research - 34397
- A bachelor's degree in Biotechnology - 34331
- A bachelor's degree in Chemistry - 34396
- A bachelor's degree in Forensic Laboratory Research - 39305

Semester	Course Title	Course Code	ECTS
1A	Medicine Groups: Endocrine System and Digestive and Respiratory Tract	WBFA039-05	5
1A	Medical Structural Biology	WBBY007-05	5
1A	Biostatistics	WBFA011-05	5
1B	Farmacoepidemiologie	WBFA028-05	5
1B	Metabolisme en Toxicologie	WBFA016-05	5
1B	Farmacokinetiek	WBFA018-05	5
Totaal			**30**

- Starting date 1 September

b. Bachelor

- A bachelor's degree in Biology and Medical Laboratory Research - 34397
- A bachelor's degree in Biotechnology - 34331
- A bachelor's degree in Chemistry - 34396
- A bachelor's degree in Forensic Laboratory Research - 39305

Semester	Course Title	Course Code	ECTS
2A	Receptorfarmacologie	WBFA036-05	5
2A	Introduction to Pharmacoeconomics	WBFA047-05	5
2A	Organic and Biosynthesis	WBFA008-05	5
2B	Immunofarmacologie	WBFA015-05	5
2B	Medicines Group: Drugs for the Central Nervous System	WBFA033-05	5
2B	Bioanalysis	WBFA032-05	5
Totaal			**30**

- Starting date 1 February

2. For holders of a HBO diploma not listed above, or for holders of a Dutch or foreign degree not listed in Appendix VI, the Board of Admissions decides:
    a. The content and student workload of a tailor-made Pre-Master's programme.
    or
    b. Admission is not granted.

B. Fast-Track programmes

FSE offers Fast-Track programmes of 30 ECTS for access to the MSc Medical Pharmaceutical Sciences
The overview below shows:
- which NVAO-accredited HBO diploma of which HBO institute grants access to the MSc Medical Pharmaceutical Sciences on the condition that the Fast-Track programme is completed;
- whether nomination by the HBO institute is required;
- the content and student workload for these fixed programmes.

a. HBO Bachelors:
    - A bachelor's degree in Biology and Medical Laboratory Research – 34397 – from NHL Stenden/Van Hall Larenstein
    - A bachelor's degree in Biotechnology - 34331 – from NHL Stenden/Van Hall Larenstein
    - A bachelor's degree in Biology and Medical Laboratory Research – 34397 – from Hanze University
    - A bachelor's degree in Chemistry - 34396 – from Hanze University

    Nomination required: Yes
    NHL Stenden/VHL – Karin van der Borght
    Hanze – Peter Dammers, Jurre Hageman of Alexandra da Costa

    Requirements:
    - Interested students should have finished at least the first year of their HBO programme
    - Interested students need to have an average weighted mark of ≥ 7.0. This average is composed of all course units completed until the point of application for admission to the fast-track for the MPS master.

Semester	Course Title	Course Code	ECTS
1A	Medicine Groups: Endocrine System and Digestive and Respiratory Tract	WBFA039-05	5
1A	Medical Structural Biology	WBBY007-05	5
1A	Biostatistics	WBFA011-05	5
1B	Farmacoepidemiologie	WBFA028-05	5
1B	Metabolisme en Toxicologie	WBFA016-05	5
1B	Farmacokinetiek	WBFA018-05	5
Totaal			**30**

- Starting date(s) 1 September

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Appendix VIII. Transitional provisions (art. 7.1)

Changes 2026-2027 MPS

Major and minor changes that take effect in the Medical Pharmaceutical Sciences programme as per 2026/2027 are listed below.

Tracks/track requirements

The track name for the track Pharmacoeconomics and Pharmacoepidemiology has changed per September 2025. The new name is Pharmacotherapy & Toxicology.
Students who started in the track Pharmacoeconomics and Pharmacoepidemiology will still be able to re-register for that track name and receive a diploma that lists that track until the 31st of August 2027. After that, they have to re-register in Pharmacotherapy & Toxicology.

Pharmacotherapy & Toxicology

- The course Clinical Pharmacoepidemiology (WMMP015-05) is no longer a track-specific course as the course has been cancelled. The course still counts as a track-specific course for P&T students who took it in the past.
- The course AI Introduction and Applications in Pharmacy Practice (WMFA057-05) has been added as a track-specific course as of 2026/2027.

Pharmaceutical Design & Engineering

- The course Quantitative Bioanalysis (WMFA049-05) is no longer a track-specific course as the course has been cancelled. The course still counts as a track-specific course for PDE students who took it in the past.
- The course Principles and Applications of Advanced Therapy Medicinal Products (WMFA059-05) has been added as a track-specific course as of 2026/2027.
- The course Introduction to Vaccines and Vaccinology (WMMP020-05) is no longer one of the track-specific course as of 2025/2026. PDE students who took it during 2024/2025 can still count it as a trackspecific course.

Science Business & Policy

- The courses AI Introduction and Applications in Pharmacy Practice (WMFA057-05) and Principles and Applications of Advanced Therapy Medicinal Products (WMFA059-05) have been added as electives.
- The course Quantitative Bioanalysis (WMFA049-05) is no longer a track-specific course as the course has been cancelled. The course still counts as an elective for SBP students who took it in the past.

Entry requirements
No changes

Courses

- The course Clinical Pharmacoepidemiology (WMMP015-05) is cancelled as of academic year 2026/2027. Students who did not pass the course during 2025/2026 will get offered an exam opportunity during 2026/2027.
- The course Quantitative Bioanalysis (WMFA049-05) is cancelled as of academic year 2026/2027. Students who did not pass the course during 2025/2026 will get offered an exam opportunity during 2026/2027.
- The course AI Introduction and Applications in Pharmacy Practice (WMFA057-05) will start in 2026/2027.
- The course Principles and Applications of Advanced Therapy Medicinal Products (WMFA059-05) will start in 2026/2027.

- The International Genetically Engineered Machine competition is no longer an elective course within the programme. Any MPS student who takes part can only do this as an extracurricular.
- The Essay (WMMP002-05) is no longer offered as an elective for any of the MPS tracks as of 2026/2027. The course still counts as an elective for MPS students who took it in the past.
- For changes in courses from other programmes such as Pharmacy or Biomedical Sciences, consult the Student Portal or Ocasys page of that programme!

Schedule

- To be announced via the Ocasys/Brightspace/Student Portal
- For changes in the schedule of other programmes such as Pharmacy or Biomedical Sciences, consult the Student Portal or Ocasys page of that programme!

Appendix IX. Additional Requirements Open degree Programmes (art. 3.9.2)

Students wishing to pursue an open degree programme should file a request with the Board of Examiners.