

Master Degree in Medicinal and Biopharmaceutical Chemistry 2025-2026

1st Year

1ST SEMESTER SCHEDULE (15 September to 19 December)

| Schedule | Monday Room | Tuesday Room | Wednesday Room | Thursday Room | Friday Room |
|---------------|------------------------------------|----------------|----------------------------------|---------------|------------------------------------|
| 17:00 – 18:00 | *IDescobertaF (T) *DesenhoF (T) | ISinteseF (T) | ProdNat (T) | ISinteseF (P) | ISinteF (T/L) |
| 18:00 – 19:00 | ModelaIM (T) | MElucidE (T) | IDescobertaF (T) DesenhoF (T) | MElucidE(T/P) | IDescobertaF(T) DesenhoF (P) |
| 19:00 – 20:00 | ModelaIM (P) | MEluciadaE (P) | IDescobertaF (P) DesenhoF (T) | ProNat (P) | IDescobertaF (P) DesenhoF (P/T) |

Caption:

* Principles of Drug Discovery and Drug Design will be taught in block programmes.
The first curricular unit is taught in the first part of the semester:

September 17 to October 29, 2025, Principles of Drug Discovery
November 07 to December 19, 2025, Drug Design

| | |
|---------------------|--------------------------------------|
| IDescobertaF | Principles of Drug Discovery |
| ModelaIM | Molecular Modeling |
| ISinteseF | Introduction to Drug Synthesis |
| DsenhoF | Drug Design |
| MElucidE | Analytical Tools for Small Molecules |
| ProNat | Natural Products in Drug Discovery |

Note: T – Theoretical; P – Practical; L- Laboratory

2ND SEMESTER SCHEDULE (16 February to 05 June)

| Schedule | Monday Room | Tuesday Room | Wednesday Room | Thursday Room | Friday Room |
|---------------|-------------------|----------------|-------------------|---------------------|-------------|
| 17:00 – 18:00 | TADescobertaF (T) | TASinteseF (P) | BioconBioF(P) | TASinteseF (T) | Optional* |
| 18:00 – 19:00 | TADescobertaF (P) | IAlvosTD (T) | EstabilidadeF (T) | TASinteseF (P) | |
| 19:00 – 20:00 | BioconBioF (T) | IAlvosTD (P) | EstabilidadeF (P) | TADescobertaF (T/L) | |

Caption:

Note: T – Theoretical; P – Practical; L- Laboratory

BioconBioF - Bioconjugation and Biodrugs
EstabilidadeF - Drug Stability
IAlvosTD - Targeting identification and diagnostics
TADescobertaF - Advanced Topics in Drug Discovery
TASinteseF - Advanced Topics in Drug Synthesis
Optional: The choice of optional will be made at the 1st session of the master's program, in collaboration with the Course Coordinator.

The student must choose one of the following optional curricular units:

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- Process Development of Active Pharmaceutical Ingredients
- Project
- Free Curricular Unit - The student can select an optional curricular unit from the offer of other scientific areas of ULisboa in an area related to the cycle of studies.

EXAMS CALENDAR

1st Semester

NORMAL SEASON

| Date* | Courses |
|-----------------|--------------------------------------|
| 27 October 2025 | Principles of Drug Discovery |
| 05 January 2026 | Introduction to Drug Synthesis |
| 09 January 2026 | Analytical Tools for Small Molecules |
| 12 January 2026 | Drug Design |
| 16 January 2026 | Natural Products in Drug Discovery |
| 19 January 2026 | Molecular Modeling |

* Exam time: 5pm (room to be defined by the PC)

APPEAL SEASON

| Date* | Courses |
|------------------|--------------------------------------|
| 23 January 2026 | Principles of Drug Discovery |
| 26 January 2026 | Introduction to Drug Synthesis |
| 30 January 2026 | Analytical Tools for Small Molecules |
| 02 February 2026 | Drug Design |
| 06 February 2026 | Natural Products in Drug Discovery |
| 09 February 2026 | Molecular Modeling |

* Exam time: 5pm (room to be defined by the PC)

2nd Semester

NORMAL SEASON

| Date* | Courses |
|--------------|--|
| 08 June 2026 | Advanced Topics in Drug Synthesis |
| 12 June 2026 | Advanced Topics in Drug Discovery |
| 15 June 2026 | Drug Stability |
| 19 June 2026 | Targeting identification and diagnostics |
| 22 June 2026 | Bioconjugation and Biodrugs |
| 26 June 2026 | Optional: Process Development of Active Pharmaceutical Ingredients; Project |

* Exam time: 5pm (room to be defined by the PC)

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APPEAL SEASON

| Date* | Courses |
|---------------------|--|
| 29 June 2026 | Advanced Topics in Drug Synthesis |
| 03 July 2026 | Advanced Topics in Drug Discovery |
| 06 July 2026 | Drug Stability |
| 10 July 2026 | Targeting identification and diagnostics |
| 13 July 2026 | Bioconjugation and Biodrugs |
| 17 July 2026 | Optional: Process Development of Active Pharmaceutical Ingredients; Project |

* Exam time: 5pm (room to be defined by the PC)

SPECIAL SEASON

Applicable to students who have up to three (3) outstanding curricular units to complete the course's curricular component.

| Date* | Courses |
|---------------------|--|
| 20 July 2026 | Principles of Drug Discovery |
| 20 July 2026 | Introduction to Drug Synthesis |
| 20 July 2026 | Analytical Tools for Small Molecules |
| 21 July 2026 | Drug Design |
| 21 July 2026 | Natural Products in Drug Discovery |
| 22 July 2026 | Molecular Modeling |
| 22 July 2026 | Advanced Topics in Drug Synthesis |
| 22 July 2026 | Advanced Topics in Drug Discovery |
| 23 July 2026 | Drug Stability |
| 23 July 2026 | Targeting identification and diagnostics |
| 24 July 2026 | Bioconjugation and Biodrugs |
| 24 July 2026 | Optional: Process Development of Active Pharmaceutical Ingredients; Project |

* Exam time: 5pm (room to be defined by the PC)



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2nd Year

1ST SEMESTER SCHEDULE

| Date* | Courses |
|-------------------|---------|
| 23 September 2025 | Seminar |
| 21 October 2025 | Seminar |
| 18 November 2025 | Seminar |
| 16 December 2025 | Seminar |

* 5 p.m. (room to be defined by the CP)

NORMAL SEASON

| Date | Courses |
|-----------------|--------------------------------------|
| 16 January 2026 | Seminar (delivery of research paper) |

APPEAL SEASON

| Date | Courses |
|------------------|--------------------------------------|
| 12 February 2026 | Seminar (delivery of research paper) |

SPECIAL SEASON

| Date | Courses |
|--------------|--------------------------------------|
| 17 July 2026 | Seminar (delivery of research paper) |

MONOGRAPH DISCUSSIONS¹

It includes 15 minutes of presentation and 15 minutes of debate.

Normal Season:

22 January 2026- 16:00 - 20:00 hours

Appeal Season:

19 February 2026- 16:00 - 20:00 hours

Special Season:

24 July 202

¹ Schedules may be altered according to the number of monographs submitted each course.



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Teachers

| C.U | Head Teacher |
|---|---|
| Drug Design | Tiago Rodrigues |
| Principles of Drug Discovery | Maria Alexandra da Silva Paulo |
| Introduction to Drug Synthesis | Maria de Jesus de Almeida Rainha Perry da Câmara Saldanha Rocha |
| Analytical Tools for Small Molecules | Maria José Umbelino Ferreira |
| Molecular Modeling | Rita Alexandra do Nascimento Cardoso Guedes |
| Natural Products in Drug Discovery | Noélia Duarte |
| Bioconjugation and Biodrugs | Pedro Miguel Pimenta Góis |
| Drug Stability | Francisca da Conceição Lopes |
| Targeting identification and diagnostics | Ana Ressurreição |
| Advanced Topics in Drug Synthesis | Carlos Alberto Mateus Afonso |
| Advanced Topics in Drug Discovery | Ana Paula Francisco |
| Process Development of Active Pharmaceutical Ingredients | Susana Lucas |
| Project | Carlos Alberto Mateus Afonso |
| Seminar | Maria José Umbelino Ferreira |