

MASTER OF ASTROPHYSICS PSO 2023

Module Structure Overview (see page 2 for explanations)

Recommendation for Semester 1:

A	P 1	Lecture: Introduction to Advanced Astrophysics	9 ECTS
B	P 2	Astrophysical Basic Lab	9 ECTS
C	P 3	Lecture: Basic Research Methods and Tools	6 ECTS
D	WP 1–14	Physics Lecture: _____	6 ECTS

Recommendation for Semester 2:

A total of (at least) **30 ECTS points** from your individual selection of WP 15–28 modules:

- **Lectures (9 ECTS)** from WP 18–21,
- **Lectures (6 ECTS)** from WP 22–28,
- a **Seminar** (WP 15; 3 ECTS),
- an **Advanced Lab** (WP 16 xor 17; 9 ECTS)

Note:

You can attend WP 18–28 lectures in any semester to collect the required ECTS points. It is also no problem to collect more than 30 ECTS points from WP 15–28 modules (e.g., if you attend another 9 ECTS lecture although you need only 6 ECTS), but then only 30 ECTS will finally count, and each individual module can be used only once.

E	WP _____	ECTS
F	WP _____	ECTS
G	WP _____	ECTS
H	WP _____	ECTS
I	WP _____	ECTS

Recommendation for Semester 3:

J	WP 29–35	Elective Lecture Astrophysics	6 ECTS
	WP 36/37	Scientific Working Methods	12 ECTS
	WP 38/39	Scientific Project Planning	12 ECTS

Recommendation for Semester 4:

WP 40/41 **Master's Thesis** 30 ECTS

(Note: The modules WP 36–41 are part of the Master Project)

Explanations and Notes

This is only a short summary of the most important rules. For complete and detailed information, consult the official *Examination and Study Regulations* [[Prüfungs- und Studienordnung: PSO 2023](#)] and the description on the webpage

<https://www.physik.lmu.de/en/studies/study-programs/msc-astrophysics/index.html>

- The distribution of the modules to the different semesters is a non-binding recommendation; you can change the sequence, if you want. As the topics of the offered special lectures (WP 18–35) differ from semester to semester, **you can attend lectures matching your interest whenever they are offered**. Please note that a [preview of lectures offered in the next semesters](#) is available on our teaching webpage.

However, **we strongly recommend that you attend the mandatory introductory courses (especially modules P1 and P3) as early as possible (ideally in your first semester)!**

Students have to successfully complete all modules until the end of their 5th semester; only under certain conditions a maximum study duration of 6 semesters is possible (for details see §11, Abs. 5, Satz 2 of the [Prüfungs- und Studienordnung](#)).

- **Each module can be used only once**. For example, if you have successfully attended a seminar for WP 15, any further WP 15 seminars you might attend will not count.
- Once you have passed the exam for a module, it is **not possible** to repeat the exam (for example, because you are not content with the grade).
- For Module WP 1–14 (Physics Lecture) you have to select a 6 ECTS lecture from the specified *Master Physics* program of the Physics Faculty. Note that you can **not** use an Astrophysics Special Lecture (WP 22–35) for WP 1–14!
- The ***Master Project*** is a one-year project consisting of two phases:
 - a half-year long ***Preparation Phase*** (WP 36/37 & WP 38/39), followed by
 - a half-year long ***Work Phase*** (WP 40/41) for the Master's Thesis.

The Master's Thesis (Module WP 40/41) **must be registered in the examination office before the start date**. For this, you need to hand in the official registration form signed by your advisor.

The duration of Module WP 40/41 is 23 weeks. Including 3 weeks vacation, the deadline for the submission of the thesis is thus 26 weeks after the date of registration.

If you want to do an *external* Master Project, you need an **explicit permission from the examination office before the start of the Preparation Phase**.