

Master of Science in Astrophysics

Module P1: Essentials of advanced astrophysics		9	1st semester
A	Course lecture + tutorial (4+2 SWS) Essentials of advanced astrophysics	P1 _____ 9	
Module P2: Tools of advanced astrophysics		15	1st semester
B	Lab with exercises (6 SWS) Astrophysical lab	P2.1 _____ 9	
C	Course lecture + tutorial (2+2 SWS) (Statistics, applied quantum mechanics, hydrodynamics, plasma physics, or observational methods)	P2.2 _____ 6	
Module P3: Modern physics		6	1st year
D	Elective lecture + tutorial (2+2 SWS) Modern physics	P3. _____ 6	
Module P4: Advanced astrophysics I		18	2nd semester
E	Elective lecture (+ tutorial) (2+2 SWS) Astrophysics	P4. _____ 6	
F	Elective lecture (+ tutorial) (2+2 SWS) Astrophysics	P4. _____ 6	
G	Elective lecture (+ tutorial) (2+2 SWS) Astrophysics	P4. _____ 6	
Module WP1/WP2: Experimental / theoretical astrophysics		12	2nd semester
H	Lab with exercises / field study (6 SWS) Numerical lab (6 SWS) — or — Instrumental lab and field study (5 + 1 SWS)	WP _____ 9	
I	Astrophysical advanced seminar (Hauptseminar) Tools in modern astrophysics with colloquium (2+2 SWS)	WP _____ 3	
Module P5: Advanced astrophysics II		6	2nd year
J	Elective lecture (+ tutorial) (2+2 SWS) Astrophysics	P5. _____ 6	
Modules WP3–WP8: Preparation project for the Master's thesis		12	3rd semester
K	Tutorial, colloquium, and seminar (4 + 4 + 2+2 SWS) Preparation project	WP _____ 12	
Modules WP9–WP14: Methods and Tools project for the Master's thesis		9	2nd year
L	Tutorial and colloquium (4 + 4 SWS) Methods and Tools project	WP _____ 9	
Module P6: Research project Master's thesis		33	4th semester
M	Thesis work (26 Weeks) Master's thesis	P6.1 _____ 30	
N	Seminar with colloquium (2+2 SWS) Project seminar	P6.2. _____ 3	

Regelungen zum Studiengang *Master Astrophysik*

Wichtige Informationen zum Studium finden Sie an folgenden Stellen:

- Allgemeine Informationen, insbesondere das **Modulhandbuch** und die **Prüfungs- und Studienordnung**:
 - www.usm.uni-muenchen.de/people/adi/USM-Homepage/Lehre/Lehrveranstaltungen/masterofscience.php
- **Informationen und Meldungen des Prüfungsamtes**:
 - www.physik.uni-muenchen.de/studium/pruefungsamt/formalitaeten_ma/
 - www.physik.uni-muenchen.de/studium/pruefungsamt/meldungen/

Bitte beachten Sie, dass die Kenntnisnahme dieser Regelungen zu den in §24 der Prüfungs- und Studienordnung definierten *Mitwirkungspflichten der Studierenden* gehört!

Important information about the regulations can be found at:

- General Information, **Modulhandbuch**, **Prüfungs- und Studienordnung**:
 - www.usm.uni-muenchen.de/people/adi/USM-Homepage/Lehre/Lehrveranstaltungen/masterofscience_en.php
- **Information from the Examination Office**:
 - www.physik.uni-muenchen.de/studium/pruefungsamt/formalitaeten_ma/
 - www.physik.uni-muenchen.de/studium/pruefungsamt/meldungen/
 - www.en.physik.uni-muenchen.de/studying/academic_affairs/announcements/

Please be informed that it is an *obligation for all students* to take note of the rules defined in these documents!