

Our minor subjects in detail

You are not allowed to mix these subjects, you have to choose one minor subject and only do modules in this one subject.

<p>Astrophysics (sum up to 18 C)</p> <p>Compulsory: B.Phy.1551: Einführung in die Astrophysik (Only in German)</p> <p>Furthermore all modules B.Phy.55**and M.Phy.55** can be chosen.</p> <p><i>Look for these in the elective modules of the "Faculty of Physics" in the online course catalog.</i></p>	<p>Physics (sum up to 18 C)</p> <p>Every B.Phy.**** and every M.Phy.**** can be chosen except for</p> <p>B.Phy.1301: Rechenmethoden der Physik</p> <p><i>Look for these in the elective modules of the "Faculty of Physics" in the online course catalog. The hint about using the search as described below** using</i></p> <p><i>Organizational unit = "Fakultät für Physik " can be useful as well.</i></p>
<p>Chemistry (sum up to 18 C)</p> <p>You can choose from these (mostly German)</p> <p>M.Che.1311: Schwingungsspektroskopie und zwischenmolekulare Dynamik</p> <p>M.Che.1312: Physikalische Chemie der kondensierten Materie</p> <p>M.Che.1313: Elektronische Spektroskopie und Reaktionsdynamik</p> <p>M.Che.1314: Biophysikalische Chemie</p> <p>M.Che.1315: Chemical Dynamics at Surfaces (English)</p> <p>Or all M.Che.**** -modules.</p> <p>B.Che.**** modules can only be taken with the permission of the Faculty of Chemistry only.</p> <p><i>Look for these in Fakultät für Chemie->Master-Studiengang "Chemie"->Fachstudium in the online course catalog.</i></p>	<p>Computer Science (sum up to 18 C)</p> <p>Every B.Inf.**** and every M.Inf.**** can be chosen except for</p> <p>B.Inf.1101 Informatik I, B.Inf.1102 Informatik II, B.Inf.1801 Programmierkurs</p> <p>Furthermore, the following modules can counted:</p> <p>B.Phy.5601: Theoretical and Computational Neuroscience I B.Phy.5602: Theoretical and Computational Neuroscience II B.Phy.5651: Advanced Computational Neuroscience B.Phy.5652: Advanced Computational Neuroscience II B.Phy.5676: Computer Vision and Robotics M.Phy.5601: Seminar Computational Neuroscience/Neuroinformatik</p> <p><i>Look for these in the online course catalog in the of the "Faculty of Mathematics and computer Science" - > "Computer Science".</i></p> <p><i>**Using the search function of the online course catalog with "show all possible search criteria" and then</i></p> <p><i>Organizational unit = "Institut für Informatik"</i></p> <p><i>Teaching language = "english"</i></p> <p><i>can be useful as well.</i></p>

Economics (sum up to 18 C)

You have to choose three of the modules you see if you click on the arrow

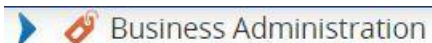


that you reach like this: *Faculty of Mathematics and Computer Science -> Mathematics -> Mathematik (Master of Science)-> Minor subjects in the graduate programme in Mathematics-> Economics*

Not all modules are in English, you find the teaching language in the module description that you find as a link in the “basic data” tab in every module.

Business administration (sum up to 18 C)

You have to choose three of the modules you see if you click on the arrow



that you reach like this: *Faculty of Mathematics and Computer Science -> Mathematics -> Mathematik (Master of Science)-> Minor subjects in the graduate programme in Mathematics-> Business Administration*

Not all modules are in English, you find the teaching language in the module description that you find as a link in the “basic data” tab in every module.

Philosophy (sum up to 18 C) (More details [here](#) (only German))

In Philosophy two of the following modules have to be chosen (they are mostly in German)

You have to write a term paper in at least one of them.

- B.Phi.01: Basismodul Theoretische Philosophie (9 C, 4 SWS)
- B.Phi.02: Basismodul Praktische Philosophie (9 C, 4 SWS)
- B.Phi.03: Basismodul Geschichte der Philosophie (9 C, 4 SWS)
- B.Phi.05: Aufbaumodul Theoretische Philosophie (10 C, 4 SWS)
- B.Phi.06: Aufbaumodul Praktische Philosophie (10 C, 4 SWS)
- B.Phi.07: Aufbaumodul Geschichte der Philosophie (10 C, 4 SWS)
- B.Phi.18a Vertiefte Bearbeitung philosophischer Themen für HörerInnen aller Fächer (6 C, 2 SWS)
- B.Phi.19a Spezielle Themen der Philosophie für HörerInnen aller Fächer (3 C, 2 SWS)

You can only choose the following if you also did the corresponding Bachelor's module from the above list:

- M.Phi.101: Ausgewählte Themen der Theoretischen Philosophie (9 C, 4 SWS)
- M.Phi.102: Ausgewählte Themen der Praktischen Philosophie (9 C, 4 SWS)
- M.Phi.103: Ausgewählte Themen der Geschichte der Philosophie (9 C, 4 SWS)

Find the Philosophy modules in the course catalogue like this

Faculty of Mathematics and Computer Science -> Mathematics -> Mathematik (Master of Science)-> Minor subjects in the graduate programme in Mathematics-> Philosophy