

Module title		Abbreviation
Advanced Subject Didactics 1		MINT-B1-162-m01
Module coordinator		Module offered by
Chair of M!ND Center		M!nd-Center
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The students acquire subject-didactic competencies which exceed the requirements of the teaching degree programme. The module especially focuses on subject-didactic research methods and on the examination of current international subject-didactic research. Most of the lectures combine topics of various disciplines. In addition, they establish connections to scientific disciplines and educational sciences. Some exemplary topics might be: Qualitative and quantitative research methods in subject didactics; connections between subject didactics and educational sciences; interdisciplinary connections between subject didactics and scientific disciplines; closer connections between subject didactics and school practice; in-depth analyses of classes (e.g. video studies, "university classroom"); exploratory learning at extracurricular learning facilities (e.g. genetic engineering laboratory in Bayreuth, teaching-learning-laboratories (LLL); M!ND and SFZ (special needs centre), M!ND in Würzburg)</p>		
Intended learning outcomes		
In-depth study of subject didactics; interdisciplinary connections; in-depth analyses of classes; connection of scientific disciplines, subject didactics, school practice and educational sciences.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (1) Module taught in: German and/or English Course type: alternatively S (2) or P (2) instead of Ü (1)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 90 to 120 minutes) or b) oral examination of one candidate each (20 to 40 minutes) or c) talk (30 to 60 minutes) or d) practical assignment including report (approx. 10 to 20 pages) and talk (approx. 15 minutes) or e) term paper (approx. 15 to 25 pages, usually chosen) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016) Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016) Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020) Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)</p>		