

<b>Module title</b>		<b>Abbreviation</b>
Research Methods in Biology		07-GY-BFM-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
degree programme coordinator Biologie (Biology)		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
Overview of important traditional and modern methods in biology that are applied at the Chairs at the Biocentre, ranging from microscopy and chromatography to polymerase chain reaction (PCR).		
<b>Intended learning outcomes</b>		
Knowledge of the fields of research the Faculty of Biology at the University of Würzburg is investigating.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (3)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 45 to 60 minutes) or  b) log (approx. 10 to 20 pages) or  c) oral examination of one candidate each (approx. 30 minutes) or  d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or  e) presentation (approx. 20 to 30 minutes) or  f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours) or  g) term paper (approx. 10 to 30 pages) or  h) project (approx. 10 to 30 pages) or  i) portfolio.</p> <p>Students will be informed about the method and length of the assessment prior to the course.  creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
§ 61 I Nr. 7		
<b>Module appears in</b>		
<p>First state examination for the teaching degree Gymnasium Biology (2015)  Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)  Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)</p>		