## Module description

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<tbody>
<tr>
<td>Sciences and Computer Applications in Archaeology</td>
<td>04-VFG-NuE-152-m01</td>
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<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Chair of Pre- and Protohistoric Archaeology</td>
<td>Chair of Pre- and Protohistoric Archaeology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
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<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>undergraduate</td>
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</tbody>
</table>

### Contents

Students will be provided with knowledge concerning selected topics of scientific auxiliary sciences and EDP applications during the studies of Prehistoric and Early Historical Archaeology: Students will work on the systematic basis of scientific analysis methods as well as the computer-assisted data processing and analysis.

### Intended learning outcomes

Students develop an understanding of scientific methods and the ability to apply specific EDP applications to the Prehistoric and Early Historical Archaeology; They acquire basics of scientific work; Archaeological methodology.

### Courses

<table>
<thead>
<tr>
<th>(type, number of weekly contact hours, language — if other than German)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S (2) Module taught in: German and/or English</td>
</tr>
</tbody>
</table>

### Method of assessment

a) exercises during seminar with practical assignments (approx. 120 minutes total) or written examination (approx. 60 minutes) or b) presentation (approx. 45 minutes) with position paper (2 to 3 pages)

Language of assessment: German and/or English

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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### Module appears in

Bachelor' degree (1 major) Biology (2011)
Bachelor' degree (1 major) Biology (2013)
Bachelor' degree (1 major) Chemistry (2010)
Bachelor' degree (1 major) Chemistry (2009)
Bachelor' degree (1 major) Geography (2010)
Bachelor' degree (1 major) Computer Science (2014)
Bachelor' degree (1 major) Food Chemistry (2009)
Bachelor' degree (1 major) Mathematics (2014)
Bachelor' degree (1 major) Mathematics (2013)
Bachelor' degree (1 major) Physics (2012)
Bachelor' degree (1 major) Psychology (2010)
Bachelor' degree (1 major) Business Management and Economics (2013)
Bachelor' degree (1 major) Business Management and Economics (2010)
Bachelor' degree (1 major) Economathematics (2012)
Bachelor' degree (1 major) Economathematics (2008)
Bachelor' degree (1 major) Business Information Systems (2014)
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<tr>
<th>Degree Type</th>
<th>Major(s)</th>
<th>Year(s)</th>
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<tr>
<td>Bachelor's</td>
<td>1 major, Pre- and Protohistoric Archaeology</td>
<td>2012</td>
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<tr>
<td>Bachelor's</td>
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<td>2011</td>
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<tr>
<td>Bachelor's</td>
<td>1 major, Philosophy</td>
<td>2013</td>
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<tr>
<td>Bachelor's</td>
<td>1 major, Russian Language and Culture</td>
<td>2008, 2012</td>
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<tr>
<td>Bachelor's</td>
<td>1 major, German Language and Literature</td>
<td>2013, 2010</td>
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<tr>
<td>Bachelor's</td>
<td>1 major, Italian Studies</td>
<td>2010</td>
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<tr>
<td>Bachelor's</td>
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<td>2012</td>
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<td>2013</td>
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<td>2013</td>
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<tr>
<td>Bachelor's</td>
<td>2 majors, Spanish Studies</td>
<td>2013</td>
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</table>
Bachelor's degree (2 majors) Egyptology (2015)
Bachelor's degree (2 majors) Classical Archaeology (2015)
Bachelor's degree (2 majors) Pedagogy (2015)
Bachelor's degree (2 majors) Protestant Theology (2015)
Bachelor's degree (2 majors) History of Medieval and Modern Art (2015)
Bachelor's degree (2 majors) Musicology (2015)
Bachelor's degree (2 majors) Philosophy (2015)
Bachelor's degree (2 majors) Comparative Indo-European Linguistics (2015)
Bachelor's degree (2 majors) Special Education (2015)
Bachelor's degree (2 majors) Pre- and Protohistoric Archaeology (2015)
Bachelor's degree (2 majors) Latin Philology (2015)
Bachelor's degree (2 majors) Music Education (2015)
Bachelor's degree (2 majors) Philosophy and Religion (2015)
Bachelor's degree (2 majors) Theological Studies (2015)
Bachelor's degree (2 majors) Digital Humanities (2015)
Bachelor's degree (2 majors) Political and Social Studies (2015)
Bachelor's degree (2 majors) Russian Language and Culture (2015)
Bachelor's degree (2 majors) Greek Philology (2015)
Bachelor's degree (2 majors) European Ethnology (2015)
Bachelor's degree (2 majors) Indology/South Asian Studies (2015)
Bachelor's degree (2 majors) Ancient Near Eastern Studies (2015)
Bachelor's degree (2 majors) Geography (2015)
Bachelor's degree (2 majors) French Studies (2015)
Bachelor's degree (2 majors) History (2015)
Bachelor's degree (2 majors) Spanish Studies (2015)
Bachelor's degree (2 majors) Sport Science (Focus on health and Pedagogics in Movement) (2015)
Bachelor's degree (2 majors) German Language and Literature (2015)
Bachelor's degree (1 major) Mathematical Physics (2016)
Bachelor's degree (1 major) Human-Computer Systems (2016)
Bachelor's degree (2 majors) Theological Studies (2011)
Bachelor's degree (1 major, 1 minor) French Studies (2016)
Bachelor's degree (2 majors) French Studies (2016)
Bachelor's degree (1 major, 1 minor) Italian Studies (2016)
Bachelor's degree (2 majors) Italian Studies (2016)
Bachelor's degree (1 major, 1 minor) Spanish Studies (2016)
Bachelor's degree (2 majors) Spanish Studies (2016)
Bachelor's degree (1 major) Romanic Languages (French/Italian) (2016)
Bachelor's degree (1 major) Romanic Languages (French/Spanish) (2016)
Bachelor's degree (1 major) Romanic Languages (Spanish/Italian) (2016)
Bachelor's degree (1 major) Business Information Systems (2016)
Bachelor's degree (1 major) Games Engineering (2016)
Bachelor's degree (1 major, 1 minor) English and American Studies (2016)
Bachelor's degree (2 majors) English and American Studies (2016)
Bachelor's degree (1 major) Media Communication (2016)
Bachelor's degree (1 major) Food Chemistry (2016)
Bachelor's degree (1 major, 1 minor) Digital Humanities (2016)
Bachelor's degree (1 major) Biology (2017)
Bachelor's degree (1 major, 1 minor) Geography (2017)
Bachelor's degree (1 major, 1 minor) History of Medieval and Modern Art (2017)
Bachelor's degree (2 majors) History of Medieval and Modern Art (2017)
Bachelor's degree (2 majors) Comparative Indo-European Linguistics (2017)
Bachelor's degree (1 major) Aerospace Computer Science (2017)
Bachelor's degree (1 major) Modern China (2017)
Bachelor' degree (1 major) Biochemistry (2017)
Bachelor' degree (1 major) Chemistry (2017)
Bachelor's degree (1 major, 1 minor) Museology and material culture (2017)
Bachelor' degree (1 major) Economathematics (2017)
Bachelor' degree (1 major) Games Engineering (2017)
Bachelor' degree (1 major) Computer Science (2017)
Bachelor' degree (1 major) Media Communication (2018)
Bachelor' degree (1 major) Biomedicine (2018)
Bachelor' degree (1 major) Human-Computer Systems (2018)
Bachelor's degree (2 majors) Classical Archaeology (2018)
Bachelor's degree (1 major, 1 minor) Classical Archaeology (2018)
Bachelor's degree (1 major, 1 minor) Digital Humanities (2018)
Bachelor's degree (2 majors) Digital Humanities (2018)
Bachelor' degree (1 major) Computer Science (2019)
Bachelor's degree (1 major, 1 minor) English and American Studies (2019)
Bachelor's degree (1 major, 1 minor) Indology/South Asian Studies (2019)
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Bachelor' degree (1 major) Business Management and Economics (2021)