

A-I - Basic information about the application for accreditation
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Name of the university: University of South Bohemia in České Budějovice

Name of the university division: Faculty of Arts

Name of the cooperating institution: -

Title of the study programme: Archaeology

Type of accreditation request: Granting accreditation

Approval authority: JU internal Evaluation Board

Date of approval of the application: 20th March 2018

Link to the request in electronic format: <http://www.ff.jcu.cz:8080/akreditace>

Username: nau@ff.jcu.cz; Password: KSiFaIdKav5q0n6S

Link to the applicable internal regulations: <http://www.ff.jcu.cz/dokumenty>

ISCED F: 0222 History and Archaeology

B-I – Characteristics of the study programme		
Title of the study programme	Archaeology	
Type of the study programme	Doctoral	
Profile of the study programme	Academically oriented	
Form of study	Full time, combined	
Standard duration of study	4 years	
Language of study	English	
Academic degree awarded	Ph.D.	
Rigorous proceedings	No	Academic degree awarded
Guarantor of the study programme	doc. Mgr. Ondřej Chvojka, Ph.D.	
Focus on preparation for a regulated profession	No	
Focus on preparation of specialists in the field of security of the Czech Republic	No	
Recognition authority		
Field(s) of education and for combined study programme, share of the field of education in %		
Historical Sciences		
The objective of studies in the study programme		
The objective of a doctoral study programme is the completion of a scientific education in the field of archaeology so that the graduate will be able to perform independently scientific work in the Czech Republic and abroad. Doctoral studies of archaeology follow up on the master’s degree level of studies. The foundation of doctoral studies consists in writing a dissertation and completing the compulsory and selected elective courses, which correspond to the basic specialisation of the studies of archaeology at the FA USB, i.e., 1) Archaeology of Prehistory and Early Middle Ages, 2) Medieval and Postmedieval Archaeology, 3) Environmental Archaeology, and 4) Archaeological Theory and Method. In a joint “School of Doctoral Studies in Archaeology” with the University of West Bohemia in Pilsen and the Institute of Archaeology of the Czech Academy of Sciences, Prague, under the OPVVV project, the student also has the option of other courses offered by the respective institutes. Great emphasis is placed on independent scientific work, which each student has to complete individually based on intensive contact with the teacher.		
Profile of the graduate of the study programme		
The FA USB doctoral study graduate gets full education in the field of archaeology at a level comparable to doctoral programmes of similar focus, offered at other universities in the Czech Republic and abroad. By completing all compulsory and optional courses as well as writing and successfully defending their dissertation, the graduate will become a mature and professionally qualified researcher, able to operate in the academic environment as well as other institutions in the field in the Czech Republic and abroad. The graduate will be able to perform scientific work independently, both in methodological and theoretical respect, will be able to lead scientific projects individually, write scientific publications, lecture at universities, and will have sufficient knowledge of languages for working at foreign workplaces.		
The rules and conditions for designing the plans of study		
The studies are governed by the rules set out by in the plan of study, the study and examination regulations of the USB and other internal rules of the FA USB. The basic condition for the completion of the PhD study of archaeology at the FA USB is mastering the subject of archaeology at a level that corresponds to the future professional classification of a PhD study graduate. The performance is registered by the credit system (ECTS).		

The conditions for admission

- 1) Master's degree in archaeology or a related scientific discipline.
- 2) Knowledge of archaeology of the Czech Republic and Central Europe, archaeological theory and methods in the scope of the master's degree. Knowledge of the latest trends in European research in the field of the dissertation.
- 3) Knowledge of two world languages at the level required by the master's degree studies (see the FA USB Dean's Provision 14/2013, Article 1, p. 3).
- 4) The project of the dissertation, 2 to 3 A4-size pages long. The project should introduce the topic of dissertation, its objectives and rationale, method of work, organisational background, and selection of literature on the subject.
- 5) Professional CV with the list of scientific activities of the applicant.

The admission committee will assess, based on the presented project and the oral interview, the eligibility of the applicant for the doctoral studies.

Following up on other types of study programmes

The Archaeology doctoral study programme follows up on the Archaeology master's degree programme.

Under the "School of Doctoral Studies in Archaeology", the programme is implemented in cooperation with the University of West Bohemia in Pilsen and the Institute of Archaeology of the CAS, Prague (based on the agreements on cooperation in the implementation of the doctoral study programmes), namely through joint research activities involving the PhD students as well as the teachers and supervisors from these institutions in the study programme.

B-IIb – Plans of study and proposed dissertation topics (doctoral study programme)

Study obligations

The basic requirement of the doctoral study programme is to attend and pass the compulsory courses with the emphasis on independent research work, both during the preparation of the dissertation and during other activities involving mainly the publication of papers, presentations at conferences abroad or participation in the educational activities of the Archaeological Institute of the FA USB. Another obligation is completing an internship, at least 1 month long, at a foreign university or other academic workplace or, alternatively, participation in a foreign research project.

An integral part of the plan of study is attending elective courses, which the students choose based on their professional focus. In their framework, the student is obliged to attend 3 basic methodological courses out of the total of 4 offered (Block A), covering basic specialisations of the study of archaeology - Prehistory, Middle Ages, theoretical and environmental archaeology. Each course focuses on the teaching of the most recent methodological trends of the respective chronological or thematic field. Further obligation is passing the test in two world languages, offered by the faculty (Block C). Under the OPVVV "School of Doctoral Studies in Archaeology" project, the students will choose at least two more courses offered either by the University of South Bohemia in České Budějovice or its partner institutions (University of West Bohemia in Pilsen, Institute of Archaeology of the Czech Academy of Sciences, Prague) which will complement their studies of a given specialisation (Block B).

Compulsory study subjects:

- Doctoral Seminar I-VII
- Professional and Scientific Activity I-V (*active participation at an international conference, leading an elective lecture course, seminar or other participation in lecturing, or participation in a field or laboratory archaeological practice*)
- Paper Published in a Peer-Reviewed Journal I-II
- International Cooperation (*either an internship at a foreign institution or participation in a foreign research project*)
- State Doctoral Exam
- Doctoral Dissertation

Elective subjects

• Block A - Basic methodological courses:

- Basic Methodological Course I-IV (*obligation to choose 3 courses: I - Prehistory, II - Middle Ages and Modern Period, III - Archaeological Theory, IV - Environmental Archaeology*)

• Block B – methodological courses (*subjects proposed by UWB Pilsen, USB České Budějovice and IA Prague as elective courses of the joint module under the OPVVV "School of Doctoral Studies in Archaeology" project*): obligation to choose at least 2 courses:

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| - Methodological Course 1 (Geomatics for Archaeologists) | doc. Ing. Václav Čada, CSc. |
| - Methodological Course 2 (3D Documentation and Virtual Reality for Archaeologists) | Ing. Petr Hořejší, Ph.D. |
| - Methodological Course 3 (Material Analysis in Archaeology) | doc. Ing. Olga Bláhová, Ph.D. |
| - Methodological Course 4 (Environmental Archaeology) | doc. PhDr. Jaromír Beneš, Ph.D. |
| <i>(Note: Not offered for AI FA USB)</i> | |
| - Methodological Course 5 (Geoarchaeology) | doc. Mgr. Lenka Lisá, Ph.D. |
| - Methodological Course 6 (Biological Anthropology) | Mgr. Lukáš Friedl, M.A., Ph.D. |
| - Methodological Course 7 (Geophysical Methods in Archaeology) | RNDr. Roman Křivánek, Ph.D. |
| - Methodological Course 8 (Treatment and Research of Archaeological Artefacts from Disparate Materials) | Ing. Jiří Hošek, Ph.D. et al. |
| - Methodological Course 9 (Archaeozoology) | Ing. Lenka Kovačiková, Ph.D. |
| - Methodological Course 10 (Biostatistics) | doc. RNDr. Petr Šmilauer, Ph.D. et al. |
| - Methodological Course 11 (Archaeobotany) | RNDr. Jan Novák, Ph.D. et al. |

- **Block C - foreign languages:** *The requirement of one foreign language in Block I (A2 level) and one in Block II (B2 level):*

- Foreign Language I (A2 level: English, German, French, Spanish, Italian)
- Foreign Language II (B2 level: English, German, French, Spanish, Italian)

Creative activity requirements

Part of the plan of study is also independent creative activity, included in two courses:

1) The subjects under Professional and Research Activity I-V comprise the student's obligation, among others, to participate actively at an international conference, either reading a paper in a foreign language or presenting a poster in a foreign language.

2) An article in a peer-reviewed journal I-II, which shall be published or at least admitted for printing. The paper has to present new findings based on the PhD student's research work and has to go through a proper peer-review process. At least one article should be published in a foreign or Czech periodical of the JScop or JImp format. The student must be the sole or principal (first) author of both articles.

The student's primary creative activity will concentrate on preparing the doctoral dissertation. Its form and other formal requirements are specified in Article 8, paragraph 1, Code of Doctoral Studies at the Faculty of Arts, University of South Bohemia (Dean's Provision no. 14/2013).

Requirements concerning internships

As part of the "International Cooperation" compulsory course, the student is expected to spend at least one month (20 working days), but preferably three months (in the case of full-time study) at a chosen foreign university, or, alternatively, another professional institution (based on individual consultations with the supervisor). The costs of the internship can be covered by scholarship or projects organised by the USB (such as Erasmus). Upon the completion of the internship, the student is expected to present the results obtained during the internship in the form of a presentation at a doctoral seminar and a written report, which will be included in the student's statement for the subject board. The specific content of the internship abroad will be determined based on the agreement with the supervisor. In exceptional cases, provided the student attends the combined form of study, an internship abroad can be replaced by the student's participation in a foreign research project.

Other study obligations

The subjects of Professional and Scientific Activity I-V also include the student's educational obligations, i.e., leading an elective lecture course, a seminar or another form of teaching activity, or participation in an on-site or laboratory archaeological research (or, alternatively, independent leadership of a field archaeological practice, which is, however, possible only pursuant to Act No. 20/1987 Coll., i.e. under the condition of having an MA degree in archaeology and at least two years of working experience in the field).

Proposed topics for doctoral dissertations and topics of defended theses

doc. PhDr. **Jaromír Beneš**, Ph.D.

- The Concept of Bioarchaeologies on the Background of Development of Theories in the Fields of Archaeology and Anthropology
- Xylotomic Analysis of Wood Samples from Permanently Waterlogged Mesolithic Sites in the Czech Territory
- Environmental Characteristics of Neolithic Structures in the Near East and Europe
- Agricultural Activities at Prehistoric Settlements on the Basis of Spatial Analysis of Plant Macro-Remains
- The Relationship between the Locations of Medieval Settlements and the Geoarchaeological Characteristics of River Alluvial Deposits

doc. PhDr. **Eduard Droberjar**, Ph.D.:

- The Invasion of the Elbe Germans into Noricum, Panonia and Italy at the Time of the Marcomannic Wars
- Weapons of the Lombards during the Migration Period

prof. PhDr. **Martin Gojda**, CSc.:

- Remote Sensing in Archaeology (Aerial Prospecting, Satellite Data, Aerial LiDAR Photography)

doc. Mgr. **Petr Hrubý**, Ph.D.:

- Montan-Archaeology of the Medieval and Post-Medieval Period

- Medieval Landscape Archaeology

doc. Mgr. **Ondřej Chvojka**, Ph.D.:

- Prehistoric Non-Monetary Metal Hoards in Central Europe

- Bronze Age Hillforts and Hilltop Sites in Central Europe

- Tumuli and Flat Graves: The Development of Grave Types in the Central European Area during the Bronze Age

- The Metallurgy of the Bronze Age: The Manufacturing Technology of Bronze Artefacts

doc. PhDr. **Luboš Jiráň**, CSc.:

- On the Issue of the Genesis of the Tumulus and Knovíz Cultures (in a Selected Area)

- The Advent of the Iron Age. Continuity or Discontinuity?

- The Nynice Culture - its Settlement Area and Structure

prof. PhDr. **Jan Klápště**, CSc.:

- Archaeology of Medieval Transformation

doc. PhDr. **Rudolf Krajíc**, CSc.:

- Medieval and Modern Period Stove Building

- Archaeology of Medieval Settlements

- Medieval Crafts

- The Material Culture of the Middle Ages and the Modern Period

- The Archaeology of the Subrecent Period

Doc. Mgr. Petr **Květina**, Ph.D.

- Archaeology and Geopolitical Problems Today

- Archaeology of Social Differences

Doc. PhDr. **Pavel Vařeka**, Ph.D.:

- Kitchenware and Tableware of the late 15th and 16th Centuries as a Reflection of Cultural Innovations and Continuity

The involvement of external supervisors is subject to supervision by the chairman of the subject board pursuant to Dean's Provision no. 6/2011 on ensuring supervision of qualification theses supervised by external staff. A supervisor can also be a specialist who is not a member of the subject board; their role as a supervisor is subject to approval by the subject board.

B-III - Characteristics of the study subject			
Title of the study subject	Doctoral Seminar I-VII		
Type of subject	Compulsory	Recommended year/semester	
Scope of the study subject	hrs	credits	
Prerequisites, corequisisites, equivalence			
Method of verifying the study results	Credit	Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Analysis of the student's performance. Student's active consulting with the supervisor, reporting on the progress of the dissertation and participation in discussions during the seminar; continuous updating of their knowledge about literature, topics of interest and artefacts. Attendance at seminars is mandatory.		
The guarantor of the subject	doc. Mgr. Ondřej Chvojka, Ph.D.		
The involvement of the guarantor in teaching the subject	Course leader		
Teacher	Supervisor		
Brief annotation of the subject	<p>The doctoral seminar will take place in the form of regular seminars for all students of the Archaeology doctoral study programme. Each student shall present information about the progress of their dissertation and achieved results at least once in the course of the semester. In the final semester before submitting the dissertation, the student will prepare their final lecture, presenting the results of their dissertation to the supervisor as well as other members of the subject board and other students. The obligations of the student also include regular consultations with the supervisor that precede their participation at the seminar. The seminar also includes lectures of the employees of university departments and invited speakers from other departments in the Czech Republic and abroad.</p>		
Study literature and learning aids	Based on the thematic focus of the dissertation.		
Information about the combined or full-time form			
Scope of consulting (study meetings)		hrs	
Information about the contact with the lecturers			

B-III - Characteristics of the study subject				
Title of the study subject	Professional and Scientific Activity I-V			
Type of subject	Compulsory		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Credit		Form of teaching	Training course
Method of verifying the study results and additional requirements for students	Analysis of the student's performance. Written proof of the completion of the activity.			
The guarantor of the subject	doc. Mgr. Ondřej Chvojka, Ph.D.			
The involvement of the guarantor in teaching the subject	As a supervisor			
Teacher	Supervisor			
Brief annotation of the subject	<p>In the Professional and Scientific Activity course, the student shall choose (possibly repeatedly) a total of five activities from the following options: 1) active participation at an international conference, 2) leading an elective lecture course, seminar or other participation in teaching, or 3) participation in a field or laboratory archaeological practice. It is expected that one activity per semester (I-V) is performed, based on the supervisor's decision.</p> <p>Ad 1) Active participation at an international conference: requires either reading a paper in a foreign language or presenting a poster in a foreign language.</p> <p>Ad 2) Leading an elective lecture course, seminar or other participation in teaching: the PhD student will either choose their topic of an elective lecture, or they will participate in teaching of any of the already existing courses for the BA and MA Archaeology study programmes. The specific form should be determined based on the consultation with the supervisor. Full-time students are obliged to participate in teaching at least for 1 semester.</p> <p>Ad 3) Participation in a field or laboratory archaeological practice: participating in field or laboratory archaeological activities of the FA USB. Prospective independent leadership of a field archaeological practice is possible only pursuant to Act No. 20/1987 Coll., i.e., under the condition of having an MA degree in archaeology and at least two years of working experience in the field.</p>			
Study literature and learning aids	Based on the thematic focus of the dissertation.			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Paper Published in a Peer-Reviewed Journal I-II			
Type of subject	Compulsory		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Credit		Form of teaching	Training course, consultation
Method of verifying the study results and additional requirements for students	Analysis of the student's performance. Presenting a printed article or a confirmation that such an article has been approved for publication by the respective editorial board.			
The guarantor of the subject	doc. Mgr. Ondřej Chvojka, Ph.D.			
The involvement of the guarantor in teaching the subject	As a supervisor			
Teacher	Supervisor			
Brief annotation of the subject	<p>The Paper Published in a Peer-Reviewed Journal I-II course expects the student to write two articles/monographs that should be published or at least accepted for printing. The paper has to present new findings based on the PhD student's research work and has to go through a proper peer-review process. At least one article should be published in a foreign or Czech periodical of the JScop or JImp format. The student must be the sole or principal (first) author of both articles.</p>			
Study literature and learning aids	Based on the thematic focus of the dissertation.			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	International Cooperation			
Type of subject	Compulsory		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Credit		Form of teaching	Internship or participation in a foreign project
Method of verifying the study results and additional requirements for students	Analysis of the student's performance. Oral presentation and written report on the progress and results of the foreign stay or international project.			
The guarantor of the subject	doc. Mgr. Ondřej Chvojka, Ph.D.			
The involvement of the guarantor in teaching the subject	As a supervisor			
Teacher	Supervisor			
Brief annotation of the subject	<p>As part of the "International Cooperation" course, the student is expected to spend at least one month (20 working days), but preferably three months (in the case of full-time study) at a chosen foreign university, or, alternatively, another professional institution (based on individual consultations with the supervisor). The costs of the internship can be covered by scholarship or projects organised by the USB (such as Erasmus). Upon the completion of the internship, the student is expected to present the results obtained during the internship in the form of a presentation at a doctoral seminar and a written report, which will be included in the student's statement for the subject board. The specific content of the internship abroad will be determined based on the agreement with the supervisor. In exceptional cases, provided the student attends the combined form of study, an internship abroad can be replaced by the student's participation in a foreign research project.</p>			
Study literature and learning aids	Based on the thematic focus of the dissertation.			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	State Doctoral Exam			
Type of subject	Compulsory		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	Consultation
Method of verifying the study results and additional requirements for students	Oral examination.			
The guarantor of the subject	doc. Mgr. Ondřej Chvojka, Ph.D.			
The involvement of the guarantor in teaching the subject	As a supervisor			
Teacher	Supervisors and other members of the state doctoral exam commission			
Brief annotation of the subject	<p>The state doctoral exam is based on the topic of the student's dissertation. Based on agreement with the supervisor, the student will prepare the list of at least 5 topics in the field of archaeology of a particular period in the past or a specific archaeological phenomenon, archaeological theory or methodology. This list of topics will be distributed to the members of the state doctoral exam commission in advance. In the course of the state doctoral exam, the commission will choose at least two of the proposed topics to discuss with the student. The student should demonstrate an excellent knowledge of the respective topics in a wider European context, including the related literature.</p>			
Study literature and learning aids	Based on the thematic focus of the examined topics.			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject			
Title of the study subject	Doctoral Dissertation		
Type of subject	Compulsory	Recommended year/semester	
Scope of the study subject		hrs	credits
Prerequisites, corequisisites, equivalence			
Method of verifying the study results	Credit	Form of teaching	Consultation
Method of verifying the study results and additional requirements for students	Analysis of the student's performance. Submission of the manuscript of the doctoral dissertation and its subsequent defence.		
The guarantor of the subject	doc. Mgr. Ondřej Chvojka, Ph.D.		
The involvement of the guarantor in teaching the subject	As a supervisor		
Teacher	Supervisor		
Brief annotation of the subject	<p>Under the leadership of the supervisor and in cooperation with the selected consultants, the student will prepare an original scientific work that provides new theoretical, methodological and material knowledge in the respective field or discusses a new original solution to the problems that have been already addressed. The dissertation should clearly demonstrate the ability of the student to perform independent scientific activities. The form and other formal requirements for the doctoral dissertation are specified in Article 8, paragraph 1, Code of Doctoral Studies at the Faculty of Arts, University of South Bohemia (Dean's Provision no. 14/2013).</p>		
Study literature and learning aids	Based on the thematic focus of the dissertation.		
Information about the combined or full-time form			
Scope of consulting (study meetings)		hrs	
Information about the contact with the lecturers			

B-III - Characteristics of the study subject				
Title of the study subject	Basic Methodological Course I (Prehistory and Early Medieval)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Regular participation according to schedule; each student will have a presentation on a given topic; final discussion.			
The guarantor of the subject	doc. Mgr. Ondřej Chvojka, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	doc. Mgr. Ondřej Chvojka, Ph.D.			
Brief annotation of the subject				
The Basic Methodological Course I focuses on the prehistoric to early medieval periods. The aim of the course is to make students familiar with the latest theoretical approaches, methodological trends and the current literature about selected aspects of central European Prehistory to Early Middle Ages. The course has the form of regular presentations, consultations and discussions with the students. Each student will prepare and present their work on a chosen topic, at least partially related to the subject of their dissertation. The students can use the prepared topics for working on their dissertation.				
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B-III - Characteristics of the study subject				
Title of the study subject	Basic Methodological Course II (Medieval and postmedieval Archaeology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Regular participation according to schedule; each student will have a presentation on a given topic; final discussion.			
The guarantor of the subject	doc. PhDr. Rudolf Krajíc, CSc.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	doc. PhDr. Rudolf Krajíc, CSc.			
Brief annotation of the subject				
Methodological course II focuses on the archaeology of medieval and postmedieval periods. Its aim is to make students familiar with the latest theoretical approaches, practical solutions methodological trends in the respective archaeological subfields. The course will have the form of PPT presentations and lectures on the current topics in the field (new scientific subfields, interdisciplinary cooperation in the archaeology of the Middle Ages, postmedieval and new subrecent period); the course will also include practical training (visit to field research, preparing and holding workshops), consultations and discussions of new topics of interest. Students are expected to cooperate with workplaces abroad and to prepare for colloquia and conferences on the topic of archaeology of historically later periods.				

B-III - Characteristics of the study subject				
Title of the study subject	Basic Methodological Course III (Theoretical Archaeology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Regular participation according to schedule; each student will have a presentation on a given topic; final discussion. As the basic background for the examination, the student shall prepare the text of the theoretical introduction to their dissertation, discussing the theoretical and methodological starting points, and will provide characteristics of their approach to the solution of the research task based on the related literature.			
The guarantor of the subject	doc. PhDr. Jaromír Beneš, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	doc. PhDr. Jaromír Beneš, Ph.D.			
Brief annotation of the subject	The course focuses on new approaches and theoretical concepts of archaeology at the beginning of the 21st century. The aim of the course is to make students familiar with the theoretical issues of the archaeology of the 20th century, especially the content of the processual and post-processual schools as the theoretical background of the current concepts, incl. bioarchaeology and environmental archaeology. Based on the knowledge, the PhD student will follow up with the critical analysis of the respective scientific frameworks. The course is based on a continuous reading if theoretical archaeological literature in order to apply appropriate procedures to the student's dissertation.			
Study literature and learning aids	Compulsory literature <i>Bentley, Alexander - Maschner, Herbert - Chippindale, Christopher (eds.) 2008: Handbook of Archaeological Theories. Plymouth.</i> <i>Clarke, David 1968: Analytical Archaeology. London.</i> <i>Hodder, Ian (ed.) 2017: Archaeological Theory Today (Second edition). Cambridge - Malden.</i> <i>Schiffer, Michael Brian 2010: Behavioral Archaeology: Principles and Practice. Equinox.</i> <i>Shanks, Michael - Tilley, Christopher 1987: Social Theory and Archaeology. London.</i> Recommended literature <i>Binford, Lewis 2000: Constructing Frames of Reference: An Analytical Method for Archaeological Theory Building Using Ethnographic and Environmental Data Sets. Berkeley.</i> <i>Hodder, Ian 1986: Reading the Past. Cambridge.</i> <i>Malina, Jaroslav - Vašíček, Zdeněk 1981: Archeologie včera a dnes. České Budějovice.</i> <i>Moreland, John 2009: Archaeology, Theory and the Middle Ages. Duckworth. London.</i> <i>Neustupný, Evžen. 2007: Metoda archeologie, Plzeň.</i> <i>Neustupný, Evžen 2010: Teorie archeologie. Plzeň.</i> <i>Schiffer, Michael Brian 1987: Formation Processes of the Archaeological Record, New Mexico.</i>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				
benes@prf.jcu.cz				

B-III - Characteristics of the study subject				
Title of the study subject	Basic Methodological Course IV (Environmental Archaeology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Regular participation according to schedule; each student will have a presentation on a given topic; final discussion.			
	The student should select an appropriate environmental or bioarchaeological presentation topic related to the subject of their dissertation.			
The guarantor of the subject	doc. PhDr. Jaromír Beneš, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	doc. PhDr. Jaromír Beneš, Ph.D.			
Brief annotation of the subject				
<p>The aim of the course is to make the students familiar with the present methods of environmental archaeology and their application in general archaeology. The core of the course consists in the continuing preparation of the student to provide them with special information on methodological procedures, related, especially, to the subject of their dissertation. Typical topics of environmental archaeology include the relationship of settlement and climate and the interaction of human populations with the environment in the past. Special focus is placed on the informative value of the bioarchaeological methods archaeobotany, archaeozoology, geoarchaeology and archaeogenetics in contemporary archaeological research and the critical procedures the use of which is necessary for the topic of the student's dissertation.</p>				
Study literature and learning aids				
Compulsory literature <i>Beneš, Jaromír 2018: Počátky zemědělství ve Starém světě. České Budějovice (Epistémé).</i> <i>Dincauze, Dena 2000: Environmental Archaeology. Cambridge.</i> <i>Jacomet, Stefanie. - Kreuz, Angela 1999: Archäobotanik. Aufgaben, Methoden und Ergebnisse vegetations- und agrargeschichtlicher Forschung. Stuttgart.</i> <i>Perry, Megan (ed.) 2018: Bioarchaeology and Behavior: The People of the Ancient Near East. London.</i> <i>Ucko, John - Layton, Robert (eds.) 1999: Archaeology and Anthropology of Landscape. Routledge. London - New York</i>				
Recommended literature <i>Binford, Lewis 2000: Constructing Frames of Reference: An Analytical Method for Archaeological Theory Building Using Ethnographic and Environmental Data Sets. Berkeley.</i> <i>Brown, Anthony 1997: Alluvial Geoarcheology. Cambridge.</i> <i>Evans, John - O'Connor, Terry 1999: Environmental Archaeology. Principles and Methods. London, 1999.</i> <i>Marciniak, Arkadius 2005: Placing Animals in the Neolithic. Social Zooarchaeology of Prehistoric Farming Communities. London.</i> <i>Piperno, Dolores 2006: Phytoliths: A Comprehensive Guide for Archaeologists and Paleoecologists. Lanham - New York - Toronto - London.</i> <i>Renfrew, Colin - Boyle, Katie 2000: Archaeogenetics: DNA and the Population Prehistory of Europe. Cambridge.</i>				
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				
benes@prf.jcu.cz				

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 1 (Geomatics for Archaeologists)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Combined examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Completing a project corresponding to the topic of the PhD dissertation.			
The guarantor of the subject	doc. Ing. Václav Čada, CSc.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	doc. Ing. Václav Čada, CSc., Ing. Karel Jedlička, Ph.D, Ing. Radek Fiala, Ph.D.			
Brief annotation of the subject				
Students will be acquainted with the fundamental methodological approaches in working with spatial data including data collection using both direct (geodetic) methods and indirect methods (close-range photogrammetry, UAV, LSS, aerial photogrammetry, remote sensing). The course will also deal with the processing of this data, its visualisation, administration, and preservation (data models and databases).				
Thematic ranges:				
1. Selection of coordinate systems and coordinate transformation; mandatory geodetic reference systems in the Czech Republic; domestic coordinate systems.				
2. Modern methods for direct collection of geodata, devices, and equipment; methods of indirect collection of geodata (close-range photogrammetry, UAV, LSS, aerial photogrammetry, remote Earth surveying).				
3. Methods and strategies for processing geodata.				
4. Evaluation of the accuracy of geodata collection methods and the quality of the resulting geodata.				
5. Visualisation and presentation of measured 2D and 3D data.				
6. Available data sets used for archaeology in the Czech Republic.				
7. Documentation in digital form and the design of data models; databases and exchangeable data formats.				
Study literature and learning aids				
Compulsory literature				
Čada, Václav: Přednáškové texty z geodézie. ZČU v Plzni, FAV - KGM. Available online: https://almamather.zcu.cz/GEN/prednasky				
Grewal, M.S. - Weill, L.R. - Andrews, A.P. 2007: Global Positioning Systems, Inertial Navigation and Integration. New Jersey: Wiley.				
Pavelka, Karel 2003: Fotogrammetrie. Plzeň: Západočeská univerzita.				
Government Regulation No. 430/2006 Coll., on establishing geodetic reference systems and state map series obligatory for the country and the principles of their use.				
Decree No. 31/1995 Coll. of the Czech Office for Surveying, Mapping and Cadastre performing the Act No. 200/1994 Coll., on surveying and mapping and on changes and amendments of some acts in connection with its coming into force.				
Recommended literature				
Voženilek, Vít 2005: Cartography for GIS: geovisualization and map communication. Olomouc: Palacký University.				
Hájek, P. - Jedlička, K. - Kepka, M. - Fiala, R. - Vichrová, M. - Janečka, K. - Čada, V. 2015: 3D Cartography as a Platform for Reminding Important Historical Events: The Example of the Terezín Memorial. In Modern Trends in Cartography. The Netherlands: Springer International Publishing, 425-437.				
Chodějovská, Eva - Šimůnek, Robert - Adam, Dušan (eds.) 2012: Krajina jako historické jeviště. K počtě Evy Semotanové. Praha: Historický ústav, 123-142.				
Čada, V., Vichrová, M. 2009: Rekonstrukční mapy v historickém atlasu města Plzně. In Historické mapy. Bratislava: Kartografické spoločnosť Slovenskej republiky, 34-44.				
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 2 (3D Documentation and Virtual Reality)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Combined examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Completing a project corresponding to the topic of the PhD dissertation.			
The guarantor of the subject	Ing. Petr Hořejší, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	Ing. Petr Hořejší, Ph.D.			
Brief annotation of the subject				
<p>The course is aimed at mastering the fundamental methods for the creation of 3D documentation. Primary attention is given to working with 3D scanners: data collection, processing, and archiving. Students have the opportunity to implement the data via their own visualisation including the use of virtual reality (stereoscopy, head-mounted display, etc.).</p> <p><i>Thematic ranges:</i></p> <ol style="list-style-type: none">1. Collection of spatial data via 3D scanner.2. Processing of spatial data taken on a 3D scanner.3. Opportunity to visualise 3D data and use virtual reality tools.4. Archiving spatial data taken on a 3D scanner.				
Study literature and learning aids				
<p>Compulsory literature</p> <p><i>Hořejší, Petr - Görner, Tomáš - Kurkin, Ondřej 2012:</i> Virtuální realita a DP. 1. ed. Plzeň: SmartMotion. (digital: from Hořejší, on-site: BORAVO570a/P, 1 month loan: BORAVO570)</p> <p><i>Jones, David M. et. al. 2011:</i> 3D Laser Scanning for Heritage, English Heritage Publishing. Available on: https://historicensland.org.uk/images-books/publications/3d-laser-scanning-heritage2.</p> <p><i>Barber, David - Mills, Jon 2011:</i> Advice and Guidance to Users on Laser Scanning in Archaeology and Architecture. English Heritage. Available on: https://content.historicensland.org.uk/images-books/publications/3d-laser-scanning-heritage2/3D_Laser_Scanning_final_low-res.pdf.</p> <p><i>Shermann, William R. - Craig, Alan B. 2002:</i> Understanding Virtual Reality: Interface, Application, and Design. The Morgan Kaufmann Series in Computer Graphics. Morgan Kaufmann. (Hořejší, library)</p> <p><i>Smith, Matt - Queiroz, Chico 2015:</i> Unity 5.x Cookbook. Birmingham, Mumbai: Packt Publishing. (also on http://books.tarsoit.com/Unity%205.x%20Cookbook.pdf)</p> <p><i>Opitz Rachel S. - Cowley David C (eds.) 2013:</i> Interpreting Archaeological Topography: 3D Data, Visualisation and Observation. Oxford: Oxbow Books.</p>				
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Methodological course 3 (Material Analyses in Archaeology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Combined examination		Form of teaching	Seminar, training course
Method of verifying the study results and additional requirements for students	Knowledge of the basic technological methods for the production and use of materials in various historical periods. Demonstration of knowledge in a presentation of an individual project on a chosen topic, including historical details.			
The guarantor of the subject	doc. Ing. Olga Bláhová, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar and training course			
Teacher	doc. Ing. Olga Bláhová, Ph.D.			
Brief annotation of the subject	<p>The aim of the course is to acquaint students with the fundamental categories of materials and their characteristics, development, and use in various chronological periods. Students will become acquainted with analytical methods appropriate for the evaluation of archaeological artefacts. Part of the seminar includes presenting a project aimed at characterising a specific sample in cooperation with other experts.</p> <p><i>Thematic ranges:</i></p> <ol style="list-style-type: none"> 1. Introduction to the study of materials - division according to structure, characteristics, processing methods, and utilisation. 2. Proposal of topics for individual projects - according to the topic of the PhD dissertation. 3. Organic materials - historical development of their use, basic technologies, structure, characteristics, and utilisation. 4. Approval of topics for individual projects based on the agreement with the supervisor. 5. Ceramic materials - historical development, basic technologies, structure, characteristics, and utilisation. 6. Metal materials - historical development, basic technologies, structure, characteristics, and utilisation. 7. Introduction to the analytical methods of material research, methods for evaluating mechanical characteristics. 8. Microscopic methods for material research. 9. Diffraction methods and thermal analyses. 10. Special methods for researching the structure and characteristics of materials. 11. Use of defectoscope methods in archaeology. 12. Practical examples of material research in laboratories (taking place regularly during seminars). 13. Presentation of individual projects during seminars with the participation of supervisors and other students. 			
Study literature and learning aids	<p>Compulsory literature:</p> <p><i>Hošek, Jiří 2003: Metalografie ve službách archeologie: stav metalografického výzkumu artefaktů staré kovářské výroby na severu a severovýchodě Čech, Praha.</i></p> <p><i>Jonšta, Petr -Hrubý, Vojtěch -Silbernagel, Arnošt 2008: Praktická metalografie, Ostrava.</i></p> <p><i>Ptáček, Luděk 2003: Nauka o materiálu I. 2. ed. Brno.</i></p> <p><i>Píšek, František -Jeniček, Ladislav 1962: Nauka o materiálu III: přehled vývoje materiálů, teorie hutnických pochodů, obecné hutnictví, Praha.</i></p> <p><i>Hanykýř, Vladimír - Kutzendörfer, Jaroslav 2008: Technologie keramiky, ed 2., V Silikátovém svazu 1. Praha.</i></p> <p>Recommended literature:</p> <p><i>Hluchý, Miroslav -Modráček, Oldřich -Paňák, Rudolf 1997: Strojírenská technologie 1. Metalografie a tepelné zpracování, Praha.</i></p> <p><i>Jandoš, František - Gemperle, Antonín - Říman, Ríša 1985: Využití moderních laboratorních metod v metalografii, 1. ed. Praha.</i></p> <p><i>Bramfitt, Bruce L. - Benscoter, Arlan O.: Metallographer's Guide: Practices and Procedures for Irons and Steels. Materials Park: c2002.</i></p> <p><i>Vander Voort - George F. 1999: Metallography, Principles and Practice. Materials Park.</i></p> <p><i>Geels, Kay 2007: Metallographic and Materialographic Specimen Preparation, Light Microscopy, Image Analysis, and</i></p>			

Hardness Testing. West Conshohocken.		
Information about the combined or full-time form		
Scope of consulting (study meetings)		hrs
Information about the contact with the lecturers		

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 5 (Geoarchaeology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Combined examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Each of the portions of the subject is completed with a brief and independent student’s project that primarily cultivates the ability to work with literature.			
The guarantor of the subject	doc. Mgr. Lenka Lisá, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	doc. Mgr. Lenka Lisá, Ph.D.			
Brief annotation of the subject				
<p>Students will be acquainted with the fundamental principles and methods applied in geoarchaeological research. The primary emphasis in the course will be placed on the methodological aspects of selected case studies. The first portion of the subject deals with methods of dating archaeological material; the second portion deals with the use of geochemical methods for the detection of human impact on the landscape; the third portion focuses on the formation processes on a microstratigraphic scale. Each of the portions of the subject is completed with a brief and independent student project that primarily cultivates the ability to work with literature. Students will have the individual opportunity to deal with problems during class instruction and discuss issues related to their PhD dissertations.</p> <p><i>Thematic ranges:</i></p> <ol style="list-style-type: none">1. Methods of dating archaeological material.2. Formulation and presentation of a seminar paper (according to the focus of the PhD student).3. Application of geochemical methods in detecting human impact on the landscape.4. Formulation and presentation of a seminar paper (according to the focus of the PhD student).5. Research of formation processes on a microstratigraphic scale.6. Formulation and presentation of a seminar paper (according to the focus of the PhD student).				
Study literature and learning aids				
<p>Compulsory literature</p> <p><i>Goldberg, P. - Macphail, R. 2006:</i> Practical and Theoretical Geoarchaeology. Malden: Willey.</p> <p><i>French, C. A. I. 2003:</i> Geoarchaeology in Action: Studies in Soil Micromorphology and Landscape Evolution. London: Routledge</p> <p><i>Holliday, V. T. 2004:</i> Soils in Archaeological Research. Oxford: Oxford University Press.</p> <p><i>Stoops, G. - Marcelino, V. - Mees, F. eds. 2010:</i> Interpretation of Micromorphological Features of Soils and Regoliths. London: Elsevier.</p> <p><i>Nicosia, Ch. - Stoops, G. 2017:</i> Archaeological Soil and Sediment Micromorphology. Wiley-Blackwell.</p>				
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 6 (Biological Anthropology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Combined examination		Form of teaching	Seminar, training course
Method of verifying the study results and additional requirements for students	Completing a project corresponding to the topic of the PhD dissertation.			
The guarantor of the subject	Mgr. Lukáš Friedl, M.A., Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar and training course			
Teacher	Mgr. Lukáš Friedl, M.A., Ph.D.			
Brief annotation of the subject	<p>This course represents a transection of topics firmly rooted within biological anthropology, which are nonetheless related to archaeological practice. Besides theoretical framework for each of the topics, the course presents applied approaches to the methods of biological anthropology in archaeological contexts. Students will thus earn skills, which will help them to orient in biologically aimed research on the boundary between archaeology and anthropology.</p> <p><i>Thematic ranges:</i></p> <ol style="list-style-type: none"> 1. Retrospective biological anthropology: aims of the course, introduction to the study (Larsen, 2013; chap. 1). 2. Human skeleton: normative anatomy and variation of bones and teeth (White et al., 2011; Čihák, 2011; Mays, 2010; chap. 1). 3. Methods used in retrospective anthropology (Katzenberg and Saunders, 2011; part 4; Chhem and Brothwell, 2007; Pinhasi and Mays, 2008, part 1). 4. Archaeology of human remains: the origin of skeletal samples (Mays, 2010; Katzenberg and Saunders, 2011; chap. 3; Hoppa, 1999). 5. Microstructure of hard tissues and their importance for retrospective studies (Katzenberg and Saunders, 2011; chap. 5 and 8; Mays, 2010; chap. 1; Weiss, 2009; chap. 2). 6. Microscopy in bioarchaeological research (microstructure of hard tissues, methods of age estimation, biological origins of samples). 7. Taphonomy (Katzenberg and Saunders, 2011; chap. 3; White et al., 2011; chap. 20). 8. 3D photography in taphonomy (software 3D Catch). 9. Fossils, their origin and significance in paleoanthropology (Larsen, 2013; chap. 7). 10. 3D scanning and printing as a tool for dissemination and curatorship of precious specimens. 11. Bioarchaeology (Weiss, 2009; chap. 1; Martin et al., 2013; chap. 1 and 7). 12. 3D scanning in bioarchaeology (MorphoTester). 13. Graphical software in applied field anthropology and bioarchaeology (Inkscape, Gimp, ImageJ). 			
Study literature and learning aids	<p>Compulsory literature:</p> <p>Čihák R. 2011: Anatomie I. 3. ed. Praha: Grada.</p> <p>Katzenberg M.A. - Saunders S.R. 2011: Biological Anthropology of the Human Skeleton. Hoboken (New Jersey): John Wiley & Sons.</p> <p>Larsen C.S. 2013: Essentials of Physical Anthropology. Discovering Our Origins. New York: WW Norton.</p> <p>Martin D.L. - Harrod R.P. - Pérez V.R. 2013: Bioarchaeology: An Integrated Approach to Working with Human Remains. New York: Springer Science & Business Media.</p> <p>Mays S. 2010: The Archaeology of Human Bones. London, New York: Routledge.</p> <p>Weiss E. 2009: Bioarchaeological Science: What We Have Learned from Human Skeletal Remains. Hauppauge: Nova Science Publishers.</p> <p>White T.D. - Black M.T. - Folkens P.A. 2011: Human Osteology. San Diego: Academic Press.</p> <p>Recommended literature:</p> <p>Chhem R.K. - Brothwell D.R. 2007: Paleoradiology: Imaging Mummies and Fossils. New York: Springer Science &</p>			

Business Media.

Pearson M.P. 2009. The Archaeology of Death and Burial. Gloucestershire: Sutton Publishing.

Pinhasi R. - Mays S. 2008: Advances in Human Palaeopathology. Chichester: John Wiley & Sons.

Information about the combined or full-time form

Scope of consulting (study meetings)

hrs

Information about the contact with the lecturers

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 7 (Geophysical Methods in Archaeology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Combined examination		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Completing a project corresponding to the topic of the PhD dissertation.			
The guarantor of the subject	RNDr. Roman Křivánek, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	RNDr. Roman Křivánek, Ph.D.			
Brief annotation of the subject				
<p>The aim of the course is to acquaint the students with contemporary methods of geophysical research and their application in archaeology. The subject will lead the students through an introductory consideration of the theoretical and methodological aspects of using geophysical methods in archaeology (using examples from Czech and international projects), practical examples of the potential of individual methods in various archaeological situations selected according to the students' PhD dissertation topic, and finally examples of the methods for computer-processing the measured data.</p> <p><i>Thematic ranges:</i></p> <ol style="list-style-type: none">1. Introductory overview of geophysical methods used in archaeology.2. Practical examples of geophysical measurements in archaeological sites (according to the PhD dissertation topics).3. Practical examples of computer processing of measured data.4. Presentation of thematic measurements and projects with the use of geophysical methods.5. Acquainting students with sources and methods to present the results of geophysical measurements.6. Formulation and presentation of a seminar paper (according to the focus of the PhD student).				
Study literature and learning aids				
Compulsory literature <p><i>Hašek, Vladimír 1999:</i> Methodology of Geophysical Research in Archaeology. Oxford: [s.n.], BAR. International series.</p> <p><i>Křivánek, Roman - Danielisová Alžběta - Drda Petr: 2013:</i> Geofyzikální průzkum oppid v Čechách: zhodnocení projektu (2003–2007) = Geophysical Survey of Opidda in Bohemia: the evaluation of project (2003-2007). Praha: Archeologický ústav AV ČR. Archeologické studijní materiály.</p> <p><i>Kuna, Martin 2004:</i> Nedestruktivní archeologie: teorie, metody a cíle. Praha: Academia. (ch. 4. Geofyzikální metody - R. Křivánek)</p> <p><i>Schmidt, Armin 2013:</i> Geophysical Data in Archaeology: A Guide to Good Practice. 2nd, fully revised edition. Oxford: Oxbow Books. Archaeology Data Service and Digital Antiquity Guides to Good Practice.</p>				
Recommended literature <p><i>Aspinall, A. - Gaffney, Ch. - Schmidt, A. 2009:</i> Magnetometry for Archaeologists. Geophysical Methods for Archaeology. Lanham, Md.: AltaMira Press.</p> <p><i>Carver, Martin - Gaydarska, Bisserka - Motrón-Subías, Sandra 2015:</i> Field Archaeology from around the World. Ideas and Approaches. Springer Briefs in Archaeology.</p>				
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 8 (Treatment and Research of Archaeological Artefacts from Disparate Materials)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Credit		Form of teaching	Lecture
Method of verifying the study results and additional requirements for students	Regular participation according to schedule; final test.			
The guarantor of the subject	Ing. Jiří Hošek, Ph.D.			
The involvement of the guarantor in teaching the subject	Participates in the teaching together with a collective of specialists on individual materials			
Teacher	PhDr. Helena Březinová, Ph.D. (Institute of Archaeology of the CAS, Prague) - 10% Ing. Marek Fikrle, Ph.D. (Nuclear Physics Institute of the CAS, Prague) - 10% Ing. Jiří Hošek, Ph.D. (Institute of Archaeology of the CAS, Prague) - 10% doc. Ing. Alexandra Kloužková, CSc. (UCT Prague) - 10% Mgr. Kamila Moravcová (Institute of Archaeology of the CAS, Prague) - 10% Doc. PhDr. Miroslav Popelka, CSc. (FA CU Praha) - 10% PhDr. Kateřina Tomková, Ph.D. (Institute of Archaeology of the CAS, Prague) - 10% Mgr. Estelle Ottenwelter (nstitute of Archaeology of the CAS, Prague) - 10% Ing. Jan Válek (ITAM CAS CR) - 10% Ing. Zuzana Zlámalová Cílová Ph.D. (UCT Prague) - 10%			
Brief annotation of the subject	<p>The Methodological Course 8 focuses on the archaeological finds from disparate materials (ceramics, glass, metals, stone, textiles, amber and building materials), their excavation, subsequent primary treatment and storage, which are essential for further research and preservation of the artefacts. The course will also include the introduction of the latest material research methods and preparation for an interdisciplinary collaboration with experts in natural science and technical disciplines. The course will make students familiar with the importance and basic trends of the archaeometric research as an integral component of studying the material culture. The course has the form of lectures given by experts from universities and institutions of the Academy of Sciences on the respective materials. The theoretical training will be complemented by visits to workplaces performing preservation and material research of archaeological finds.</p>			
Study literature and learning aids	<p>Compulsory literature <i>Bravermanová, Milena - Březinová, Helena - Urbanová, Kristýna 2011: Metodika výzkumu archeologických textilních nálezů. Zprávy památkové péče 71/2. Praha, 97-104.</i> <i>Hložek, Martin 2008: Encyklopedie moderních metod v archeologii. Archeometrie. Praha.</i> <i>Kopecká, Ivana - Nejedlý, Vratislav 2005: Průzkum historických materiálů. Analytické metody pro restaurování a památkovou péči. Grada.</i> <i>Pernicka, Ernst 2014: Provenance Determination of Archaeological Metal Objects. In: Roberts, Benjamin W. - Thornton, Christopher (eds.), Archaeometallurgy in Global Perspective: Methods and Syntheses. New York, 239-268.</i> <i>Pleiner, Radomír 2006: Iron in Archaeology: Early European Blacksmiths. Praha.</i></p> <p>Recommended literature <i>Březinová, Helena - Kohout, David et al. 2016: Středověké textilní a barvířské technologie. Soubor textilních fragmentů</i></p>			

z odpadních vrstev z Nového Města pražského. Praha

Hanykýř, Vladimír - Kutzendörfer, Jaroslav 2008: Technologie keramiky. Praha.

Hunt, Alice 2017: The Oxford Handbook of Archaeological Ceramic Analysis. Oxford University Press.

Janssens, Koen H. A. (ed.) 2013: Modern Methods for Analysing Archaeological and Historical Glass. Wiley.

Kloužková, Alexandra: Keramika – výroba, vlastnosti, degradace, restaurování a konzervace. Electronic text for the course “Materiály památkových objektů” (Materials of Historical Objects) of the UCT Prague VŠCHT (internal material to be made available to students).

Kolářová, Kateřina - Děd, Jiří - Ottenwelter, Estelle 2014: Metallographic Examination of Silver Jewellery from Lumbe's Garden Necropolis, In: Frolík, Jan (ed.), Pohřebiště v Lumbeho zahradě na Pražském hradě, díl II. Castrum Pragense 12. Praha, 289-310.

Pleiner, Radomír 2000: Iron in Archeology: The European Bloomery Smelters. Praha.

Tomková Kateřina - Zlámalová-Cílová, Zuzana - Vaculovi, Tomáš 2014: Sklo z pohřebiště v Lumbeho zahradě z pohledu archeometrie. In: Frolík, Jan (ed.), Pohřebiště v Lumbeho zahradě na Pražském hradě, díl II. Castrum Pragense 12. Praha, 129-162.

Zlámalová Cílová, Zuzana 2015: Chemické složení skel. In: Středověké sklo z Prahy, Národní památkový ústav, regional office in Prague. Praha.

Information about the combined or full-time form		
Scope of consulting (study meetings)		hrs
Information about the contact with the lecturers		

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 9 (Archaeozoology)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Credit		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Regular participation according to schedule; each student will have a presentation on a given topic.			
The guarantor of the subject	Ing. Lenka Kovačiková, Ph.D.			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	Ing. Lenka Kovačiková, Ph.D.			
Brief annotation of the subject	<p>The Archaeozoology course deals with the relations between humans and animals in the past, namely through the analysis and interpretation of their relics (e.g. bones and teeth), which are obtained during the archaeological research. The aim of the course is to make the students familiar with the methods, possibilities and outputs of the archaeozoological analysis. Special attention is dedicated to the latest trends and current literature on selected issues in this field. Emphasis is placed also on the interpretation of archaeozoological findings in the context of other bioarchaeological disciplines, especially in the European context. The course has the form of regular consultations and discussions as well as presentations on a given topic (ideally, closely related to the topic of the dissertation).</p>			
Study literature and learning aids	<p>Compulsory literature <i>Campbell, Gill - Moffett, Lisa - Straker, Vanessa 2011: Environmental Archaeology. A Guide to the Theory and Practice of Methods, from Sampling and Recovery to Post-Excavation. English Heritage, Swindon.</i> <i>O'Connor, Terry 2000: The Archaeology of Animal Bones. Texas A&M University Press, College Station.</i> <i>Reitz, Elizabeth J. - Wing, Elizabeth S. 2007: Zooarchaeology. Cambridge Manuals in Archaeology. Cambridge University Press. Cambridge.</i></p> <p>Recommended literature <i>Russell, Nerissa 2012: Social Zooarchaeology. Humans and Animals in Prehistory. Cambridge University Press, Cambridge. Cambridge.</i> <i>Lyman, R. Lee 1994: Vertebrate Taphonomy. Cambridge Manuals in Archaeology. Cambridge University Press. Cambridge.</i></p>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 10 (Biostatistics)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Credit, examination		Form of teaching	Lecture and training course
Method of verifying the study results and additional requirements for students	Regular participation (presence) in training courses; mid-semester test; the results will then be combined with the final (credit) test. Before an oral examination, the student will submit an essay representing a simulated expert article, with emphasis on data analysis.			
The guarantor of the subject	doc. RNDr. Petr Šmilauer, Ph.D. (80%)			
The involvement of the guarantor in teaching the subject	Lectures, leads training courses, evaluates tests, examines			
Teacher	doc. RNDr. Petr Šmilauer, Ph.D. (80%), prof. RNDr. Jan Lepš (training courses; 10%), CSc., Mgr. Petr Koutecký, Ph.D. (training courses; 10%)			
Brief annotation of the subject				
<p>The aim of the lecture is to make students familiar with the basic principles of statistical thinking and their application to real data. The entire course focuses on the understanding of the principles and especially the application of statistical methods and the correct interpretation of the results of statistical tests. Upon completing the course, the student will be able to process data for their own dissertation and properly interpret the test results. They will also understand the importance of statistical evaluations, occurring practically in any expert article of the present day quantitative science. Students will learn how to process the data using the STATISTICA statistical program.</p> <p>The contents of lectures (the described methods are then applied at training courses): Basic concepts, deductive and inductive reasoning, general scientific method, confirmatory data analysis, how to lie using statistics and how to identify it. Statistical population and sample, descriptive statistics. The analysis of categorical data and the principles of hypothesis testing. The analysis of the continuous data classified into groups (t-test, ANOVA). The relationship between two quantitative variables, regression and correlation. Poisson distribution, binomial distribution and their use. Methods of multidimensional statistics and their use. Non-parametric methods are covered together with the respective parametric methods.</p>				
Study literature and learning aids				
Compulsory literature <i>Lepš, Jan - Šmilauer, Petr 2016: Biostatistika. České Budějovice, ISBN 978-80-7394-587-9</i>				
Recommended literature <i>Sokal, Robert R. - Rohlf, F. James 2012: Biometry, 4th edition, San Francisco</i>				
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				
Continuous communication available at lectures and training courses, by e-mail, or the course Moodle page				

B-III - Characteristics of the study subject				
Title of the study subject	Methodological Course 11 (Archaeobotany)			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Credit		Form of teaching	Seminar
Method of verifying the study results and additional requirements for students	Regular participation according to schedule; presentation and discussion on a selected archaeobotany topic. The topics for discussion will be chosen on the basis of topics related to the dissertation of each student.			
The guarantor of the subject	RNDr. Jan Novák, Ph.D. (50%)			
The involvement of the guarantor in teaching the subject	Leads the seminar			
Teacher	RNDr. Jan Novák, Ph.D. (50%); Mgr. Petra Houřková (25%); Mgr. Tereza Šálková (25%)			
Brief annotation of the subject				
The aim of the course is to make the students familiar with the latest approaches and the current methodology trends in archaeobotany. The course has the form of consultations, presentations and discussions with the students. Topics for consultations will be chosen individually, based on the topics of the dissertation of each student.				

B-III - Characteristics of the study subject			
Title of the study subject	Methodological Course 12 (Philosophy)		
Type of subject	Elective	Recommended year/semester	
Scope of the study subject	hrs	credits	
Prerequisites, corequisisites, equivalence			
Method of verifying the study results	Examination	Form of teaching	Seminar, consultations
Method of verifying the study results and additional requirements for students	Regular participation according to schedule, discussions on selected topic related to the dissertation.		
The guarantor of the subject	doc. Tomáš Machula, Ph.D., Th.D.		
The involvement of the guarantor in teaching the subject	Leads the seminar		
Teacher	doc. Tomáš Machula, Ph.D., Th.D.		
Brief annotation of the subject	<p>The course will have the form of individual consultations with the PhD student. The aim is to deepen the student's understanding and orientation in reading texts on selected topics. The course expects an individual approach to each PhD student based on their specialisation in the field and the topic of the dissertation.</p> <p>In the course, the student will study the assigned literature and prove their orientation and the ability to understand in a detailed interview or an end of term essay. The texts will be in translated to Czech.</p>		
Study literature and learning aids	<p>Compulsory literature</p> <p><i>Platón 1996:</i> Ústava. Praha: OIKOYMENH.</p> <p><i>Aurelius Augustinus 2007:</i> O Boží obci. Praha: Karolinum.</p> <p><i>Anselm z Canterbury 1990:</i> Fides querrens intellectum. Praha: Kalich.</p> <p><i>Abaelard, P. 2008:</i> Ano a ne. Praha: Vyšehrad.</p> <p><i>Akvinský, Tomáš 2014:</i> Boží Trojice, víra, rozum a věda. Praha: Academia, Č. Budějovice: Episteme.</p> <p><i>Bonaventura 2003:</i> Jak přivést umění zpět k teologii. Praha: OIKOYMENH.</p> <p><i>Descartes, René 2003:</i> Meditace o první filosofii. Praha: OIKOYMENH.</p> <p><i>Hume, David 1996:</i> Zkoumání o lidském rozumu. Praha: Svoboda.</p> <p><i>Wittgenstein, Ludwig 2007:</i> Tractatus logico-philosophicus. Praha: OIKOYMENH.</p> <p><i>Whitehead, A. N. 2000:</i> Dobrodružství idejí. Praha: OIKOYMENH.</p>		
Information about the combined or full-time form			
Scope of consulting (study meetings)		hrs	
Information about the contact with the lecturers			

B-III - Characteristics of the study subject				
Title of the study subject	English I			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students	Oral examination.			
The guarantor of the subject	Mgr. Alena Prošková, Ph.D.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	Mgr. Alena Prošková, Ph.D.			
Brief annotation of the subject				
<p>The aim of the examination is to verify the overall knowledge of the practical English language at the A2 level per the Common European Framework of Reference, knowledge of grammar and vocabulary and the ability to lead a fluent conversation on the topic related to the student’s field.</p> <p>The examination has an oral form. The student should demonstrate their knowledge of grammar and the ability to read an expert text in the length of 30 pages. This text will be provided by the Institute of the English Language and Literature no later than one day before the examination. During the examination, the student should demonstrate understanding of the text and the ability to respond to questions about the respective text. Further, they should be able to discuss, independently and fluently, the topics contained in the text.</p> <p>The course has the form of self-study and consultations, in particular, on the topic of a chosen scientific text.</p>				
Study literature and learning aids				
Compulsory: <i>Face2Face 2007</i> : Upper-Intermediate Student’s Book. Cambridge: Cambridge University Press.				
Recommended: <i>McCarthy, M - O’Dell, F. 2008</i> : Academic Vocabulary in Use. Cambridge: Cambridge University Press.				
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	German I			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students	A written test and an oral examination in the form of a simple conversation. The aim of the examination is to verify the overall knowledge of the practical German language at the CEFR A2 level and ability to speak on the topic of the student's doctoral dissertation.			
The guarantor of the subject	Jan Václav König, M.A.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	Jan Václav König, M.A.			
Brief annotation of the subject				
The course has the form of self-study and consultations.				
At a specified date, the student shall register for a combined examination in the language, in which they should prove their knowledge of grammar and vocabulary, understanding the text at the CEFR A2 level and the ability to speak on the topic of their doctoral dissertation. The condition for passing the examination is successful completion of both parts.				

B-III - Characteristics of the study subject			
Title of the study subject	French I		
Type of subject	Elective	Recommended year/semester	
Scope of the study subject	hrs	credits	
Prerequisites, corequisisites, equivalence			
Method of verifying the study results	Examination	Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students			
The guarantor of the subject	Mgr. Kateřina Drsková, Ph.D.		
The involvement of the guarantor in teaching the subject	Consults with the students, examines.		
Teacher	Mgr. Kateřina Drsková, Ph.D.		
Brief annotation of the subject	<p>The aim of the examination is to verify the overall knowledge of the practical French language at the A2 level per the Common European Framework of Reference.</p> <p>The examination consists of a written test and an oral interview. During the examination, the student should prove their knowledge of grammar and vocabulary, understanding the text at the A2 level per the Common European Framework of Reference and the ability to speak about their field of study. The condition for passing the examination is successful completion of both parts.</p>		
Study literature and learning aids	<p>Basic literature: <i>Berthet, Annie - Hugot, Catherine - Kizirian, V. - Sampsonis, Béatrix - Waendendries, Monique</i> 2006: Alter Ego 2, Hachette, juin 2006. <i>Hirschsprung, Nathalie - Holle, Alexandre</i> 2007: Préparation a l'examen du DELF A2, Hachette, novembre 2007.</p> <p>Recommended literature: <i>Hendrich, Josef et al.</i> 2001: Francouzská mluvnice, Plzeň: Fraus. <i>Grevisse, Maurice - Goosse, André</i> 1995: Nouvelle grammaire française, Louvain-la-Neuve: DeBoeck - Duculot.</p>		
Information about the combined or full-time form			
Scope of consulting (study meetings)		hrs	
Information about the contact with the lecturers			

B-III - Characteristics of the study subject				
Title of the study subject	Italian I			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students				
The guarantor of the subject	Doc. PhDr. Jan Radimský, Ph.D.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	Doc. PhDr. Jan Radimský, Ph.D.			
Brief annotation of the subject	<p>The aim of the examination is to verify the overall knowledge of the practical Italian language at the A2 level per the Common European Framework of Reference.</p> <p>The examination consists of a written test and an oral interview. During the examination, the student should prove their knowledge of grammar and vocabulary, understanding the text at the A2 level per the Common European Framework of Reference and the ability to speak about their field of study. The condition for passing the examination is successful completion of both parts.</p>			
Study literature and learning aids	<p>Basic literature: <i>Bahníková, Alena et al. 2001: Italština, Praha: Leda.</i> <i>Marin, T. - Magnelli, S. 2006: Nuovo progetto italiano 1, Roma: Edilingua.</i></p> <p>Recommended literature: <i>Hamplová, Sylva 2004: Mluvnice italštiny, Praha: Leda.</i> <i>Schwarze, Christoph 2009: Grammatica della lingua italiana, Roma: Carocci editore.</i></p>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Spanish I			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students				
The guarantor of the subject	PhDr. Jana Pešková, Ph.D.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	PhDr. Jana Pešková, Ph.D.			
Brief annotation of the subject	<p>The aim of the examination is to verify the overall knowledge of the practical Spanish language at the A2 level per the Common European Framework of Reference.</p> <p>The examination consists of a written test and an oral interview. During the examination, the student should prove their knowledge of grammar and vocabulary, understanding the text at the A2 level per the Common European Framework of Reference and the ability to speak about their field of study. The condition for passing the examination is successful completion of both parts.</p>			
Study literature and learning aids	<p>Basic literature: <i>Collective of authors 2004:</i> Prisma Continúa A2, Madrid: Edinumen. <i>Králová, Jana et al. 2000:</i> Fiesta!1, Plzeň: Fraus.</p> <p>Recommended literature: <i>Castro, Francisca 1996:</i> Uso de la gramática española. Elemental, Madrid: Edelsa. <i>Báez, Valerio - Dubský, Josef - Králová, Jana 1999:</i> Moderní gramatika španělštiny, Plzeň: Fraus.</p>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	English II			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students	Oral examination.			
The guarantor of the subject	Mgr. Alena Prošková, Ph.D.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	Mgr. Alena Prošková, Ph.D.			
Brief annotation of the subject	<p>The aim of the examination is to verify the overall knowledge of the practical English language at the B2 level per the Common European Framework of Reference, knowledge of grammar and vocabulary and the ability to lead a fluent conversation on the topic related to the student's field.</p> <p>The examination has an oral form. The student should demonstrate their knowledge of grammar and the ability to read an expert text in the length of 60 pages. This text will be provided by the Institute of the English Language and Literature no later than one day before the examination. During the examination, the student should demonstrate understanding of the text and the ability to respond to questions about the respective text. Further, they should be able to discuss, independently and fluently, the topics contained in the text.</p> <p>The course has the form of self-study and consultations, in particular, on the topic of a chosen scientific text.</p>			
Study literature and learning aids	<p>Compulsory: <i>Haines, Simon - Stewart, Barbara 1994: First Certificate (Masterclass), Student's Book, Oxford, Oxford University Press.</i></p> <p>Recommended: <i>McCarthy, M. - O'Dell, F. 2008: Academic Vocabulary in Use. Cambridge: Cambridge University Press.</i> <i>Hewings, M. 2009: Cambridge Grammar for CAE and Proficiency. Cambridge: Cambridge University Press.</i> <i>Hewings, M. 2007: English Pronunciation in Use Advanced. Cambridge: Cambridge University Press.</i></p>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	German II			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students	A written test and an oral examination in the form of a conversation on a professional topic. The aim of the examination is to verify the overall knowledge of the practical German language at the CEFR B2 level and ability to speak on the topic of the student's doctoral dissertation.			
The guarantor of the subject	Jan Václav König, M.A.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	Jan Václav König, M.A.			
Brief annotation of the subject	The course has the form of self-study and consultations, in particular, on the topic of a chosen scientific text. At a specified date, the student shall register for a combined examination in the language, in which they should prove their knowledge of grammar and vocabulary, understanding the text at the CEFR B2 level and the ability to speak on the topic of their doctoral dissertation. The condition for passing the examination is successful completion of both parts.			
Study literature and learning aids	Basic literature: <i>Koithan, Ute - Mayr-Sieber, Tanja - Schmitz, Helen - Sonntag, Ralf - Lösche, Ralf-Peter 2008: Arbeitsbuch mit Übungstests auf CD-ROM, Berlin - München: Langenscheidt.</i> <i>Koithan, Ute - Mayr-Sieber, Tanja - Schmitz, Helen - Sonntag, Ralf - Lösche, Ralf-Peter 2008: Aspekte 2 - Lehrbuch mit DVD, Berlin - München: Langenscheidt.</i> Recommended literature: <i>Dusilová, Doris - Ebel, Mathias - Goedert, Ralf - Vachalovská, Lenka 1999: Cvičebnice německé gramatiky, Praha: Polyglot.</i> <i>Frey, E. 2007: Fit fürs Goethe - Zertifikat B2, Berlin: Hueber Verlag.</i> <i>Hauptkurs. Deutsch als Fremdsprache für die Mittelstufe, Berlin: Hueber Verlag 1985.</i> <i>Dreyer, Hilke - Schmitt, Richard 2006: Lehr- und Übungsbuch der deutschen Grammatik. Neubearbeitung, Berlin: Hueber Verlag.</i> <i>Hantschel, Hans-Jürgen - Klotz, Verena - Krieger, Paul 2005: Mit Erfolg zum Zertifikat Deutsch B2, Stuttgart: Klett Verlag 2005.</i> <i>Wergen, Josef - Wörner, Annette 2005: Obchodní korespondence a komunikace - Němčina, Praha: Klett Verlag.</i> <i>Sprechen Sie Deutsch? Učebnice němčiny pro střední a jazykové školy, 1.-3. díl, Praha: Polyglot.</i> <i>Der, die, das. Němčina pro jazykové školy, 3. díl, Praha: Scientia.</i>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	French II			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students				
The guarantor of the subject	Mgr. Kateřina Drsková, Ph.D.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	Mgr. Kateřina Drsková, Ph.D.			
Brief annotation of the subject	<p>The aim of the examination is to verify the overall knowledge of the practical French language at the B2 level per the Common European Framework of Reference.</p> <p>The examination consists of a written test and an oral interview. During the examination, the student should prove their knowledge of grammar and vocabulary, understanding the text at the B2 level per the Common European Framework of Reference and the ability to speak about their field of study. The condition for passing the examination is successful completion of both parts.</p>			
Study literature and learning aids	<p>Basic literature: <i>Dollez, Catherine - Pons, Sylvie 2008: Alter ego 4, Paris: Hachette.</i> <i>Heu, Elodie - Mabilat, Jean Jacques 2006: Édito: méthode de français: niveau B2, Paris: Didier.</i></p> <p>Recommended literature: <i>Hendrich, Josef et al. 2001: Francouzská mluvnice, Plzeň: Fraus.</i> <i>Grevisse, Maurice - Goosse, André 1995: Nouvelle grammaire française, Louvain-la-Neuve: DeBoeck - Duculot.</i></p>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Italian II			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students				
The guarantor of the subject	Doc. PhDr. Jan Radimský, Ph.D.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	Doc. PhDr. Jan Radimský, Ph.D.			
Brief annotation of the subject	<p>The aim of the examination is to verify the overall knowledge of the practical Italian language at the B2 level per the Common European Framework of Reference.</p> <p>The examination consists of a written test and an oral interview. During the examination, the student should prove their knowledge of grammar and vocabulary, understanding the text at the B2 level per the Common European Framework of Reference and the ability to speak about their field of study. The condition for passing the examination is successful completion of both parts.</p>			
Study literature and learning aids	<p>Basic literature: <i>Bahníková, Alena et al. 2001: Italština, Praha: Leda.</i> <i>Marin, T. - Magnelli, S. 2006: Nuovo progetto italiano 1, Roma: Edilingua.</i></p> <p>Recommended literature: <i>Hamplová, Sylva 2004: Mluvnice italštiny, Praha: Leda.</i> <i>Schwarze, Christoph 2009: Grammatica della lingua italiana, Roma: Carocci editore.</i></p>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				

B-III - Characteristics of the study subject				
Title of the study subject	Spanish I			
Type of subject	Elective		Recommended year/semester	
Scope of the study subject		hrs	credits	
Prerequisites, corequisisites, equivalence				
Method of verifying the study results	Examination		Form of teaching	No direct teaching, consultations
Method of verifying the study results and additional requirements for students				
The guarantor of the subject	PhDr. Jana Pešková, Ph.D.			
The involvement of the guarantor in teaching the subject	Consults with the students, examines.			
Teacher	PhDr. Jana Pešková, Ph.D.			
Brief annotation of the subject	<p>The aim of the examination is to verify the overall knowledge of the practical Spanish language at the B2 level per the Common European Framework of Reference.</p> <p>The examination consists of a written test and an oral interview. During the examination, the student should prove their knowledge of grammar and vocabulary, understanding the text at the B2 level per the Common European Framework of Reference and the ability to speak about their field of study. The condition for passing the examination is successful completion of both parts.</p>			
Study literature and learning aids	<p>Basic literature: <i>Collective of authors 2004:</i> Prisma Continúa A2, Madrid: Edinumen. <i>Králová, Jana et al. 2000:</i> Fiesta!1, Plzeň: Fraus.</p> <p>Recommended literature: <i>Castro, Francisca 1996:</i> Uso de la gramática española. Elemental, Madrid: Edelsa. <i>Báez, Valerio - Dubský, Josef - Králová, Jana 1999:</i> Moderní gramatika španělštiny, Plzeň: Fraus.</p>			
Information about the combined or full-time form				
Scope of consulting (study meetings)		hrs		
Information about the contact with the lecturers				