

Department of Archaeology
Portugal Bioarchaeology Field School

ARCH 433-3
BACKGROUND TO FIELD WORK
Summer term 2020

COURSE SYLLABUS

Instructor Contact

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Course Description

This course will provide background information and training related to the field research program that the students will be undertaking in as part of the 2020 Portugal Bioarchaeology field school. Lectures and labs will focus on providing historical, archaeological and cultural context for the field research and location, as well as discussions of the principals of bioarchaeological field research, including excavation and documentation of graves and cemeteries, stratigraphy, field and lab processing of human remains, ethics, public archaeology and other related topics. The course will include a component offered at Municipal Museum of Santarem, Portugal, where student will training in bioarchaeology lab techniques. The other component will be offered at the Gambelas campus of the University of the Algarve, Portugal, where students will be introduced to Medieval History of Portugal and the Algarve, geomorphology of the Southern Portuguese coast, medieval material culture and zooarchaeology of the Algarve region, and a history and overview of the archaeological investigations carried out at the village of Cacela-Velha, covering the Roman period to the Modern age.

Required Text

White TD and Folkens PA. 2005. Human Bone Manual. Academic Press

Recommended Texts

NOTE: Some of the recommended readings are in Portuguese and there is no English translation available nor replacement for these readings. Make careful use of google translate to read them in English and make sure you come to lecture when these topics are being covered and take notes.

Antoine A & Taylor E. 2014. Collection Care: 43. Handling, Storing and Transporting Human Remains. In: Regarding the Dead: Human Remains in the British Museum, Publisher: British Museum Press, 2014, A Fletcher, Daniel Antoine, JD Hill, pp.43-48.

- Batista D. 2015. Landscape and Tourism: A case-study of Cacela's Historic Nucleus, situated in Ria Formosa Natural Park, Algarve. In: Gardens and Tourism for and Beyond Economic Profit, ed. Ana Duarte Rodrigues, pp. 49-63.
- Birmingham D. 2003. A Concise History of Portugal. Cambridge: Cambridge University Press.
- Curate F. 2008. A case of Os Odontoideum in the paleopathological record. International Journal of Osteoarchaeology 18: 100-105.
- Dirkmaat DC & Adovasio JM. 2006. The Role of Archaeology in the Recovery and Interpretation of Human Remains from an Outdoor Forensic Setting. In: Forensic Taphonomy, ed. William D. Haglund & Marcella H. Sorg, pp. 39-64.
- Duarte C. 2003. Bioantropologia. Trabalhos de Arqueologia 29: 263-296.
- Garcia C, Curate F. 2004. Resultados preliminares do estudo da necrópole medieval de Cacela Velha. In: In: As Idades Medieval e Moderna na Península Ibérica - Actas do IV Congresso de Arqueologia Peninsular, Faro.
- Knusel C & Robb J. 2016. Funerary taphonomy: An overview of goals and methods. Journal of Archaeological Science: Reports 10: 655-673.
- Knüsel CJ. 2014. Crouching in fear: Terms of engagement for funerary remains. Journal of Social Archaeology 17: 26-58.
- Kolb J & Stevenson K. 1997. Excavation and analysis of Human Remains. In: Guidelines for Public Archaeology in Wisconsin. Wisconsin Archeological Survey, pp. 78-101.
- Malt D. 1994. Recording and Excavation of Skeletons and Coffins. In: Archaeological Site Manual. London: Museum of London.
- McKinley J & Roberts C. 1993. Excavation and post-excavation treatment of cremated and inhumed human remains. Technical paper / Institute of Field Archaeologists.
- Mitchell P & Brickley M (editors). 2017. Updated Guidelines to the Standards for Recording Human Remains. Chartered Institute for Archaeologists. British Association for Biological Anthropology. Available for download at:
https://www.archaeologists.net/sites/default/files/14_Updated%20Guidelines%20to%20the%20Standards%20for%20Recording%20Human%20Remains%20digital.pdf
- Newitt M. 2009. Portugal in European and World History. London: Reaktion Books.
- Queiroz F, Rugg J. 2003. The Development of Cemeteries in Portugal c.1755-c.1870. Mortality 8: 113-128.
- Sidaway JD, Power M. 2005. 'The Tears of Portugal': Empire, Identity, 'Race', and Destiny in Portuguese Geopolitical Narratives. Environment and planning D: Society and Space 23: 527-554.
- Skinner M & Lazenby R. 1983. Found! Human Remains: A Field Manual for the Recovery of the Recent Human Skeleton. ArchPress, Simon Fraser University. Available for download at:
<http://archpress.lib.sfu.ca/index.php/archpress/catalog/book/44>
- Umbelino C, & Santos A. 2011. Portugal. In: The Routledge Handbook of Archaeological Human Remains and Legislation, ed. Nicholas Marquez-Grant and Linda Fibiger, pp. 341-352.
- Western G & Kausmally T. 2005. A Field Guide to the Excavation of Inhumed Human Remains: Guide 14. BAJR Practical Guide Series. OSSAFreelance, UK. Available for download at:
<http://www.bajr.org/BAJRGuides/14.%20Field%20Guide%20to%20the%20Excavation%20of%20Human%20Inhumed%20Remains/FieldGuidetotheExcavationofHumanInhumedRemains.pdf>

Course Materials and CANVAS

Lectures will be presented using Power Point and an abbreviated PDF version will be posted on CANVAS after each lecture. Students are strongly encouraged to come to class and take their own notes. Not all materials covered will be posted on CANVAS and the PDF version is NOT a substitute for attending class.

Learning Assessments and Grading

Final grades will be calculated according to the weights listed in the scheme below:

Mid-term Exam (50%):	The mid-term exam will cover the learning materials offered since the beginning of the course at the SFU Burnaby campus and consist of a combination of a written (50%) and lab portion (50%). The written portion consist of multiple choice, matching, definitions, fill-in-the-blank and short answer questions, and the lab portion consist in completing a skeleton and dental inventory. The exam will be held on June 5, 9:30 - 12:30 .
Final Exam (50%):	The final learning assessment in a take home exam that will cover the course materials offered at the University of the Algarve Gambelas campus since the mid-term exam. It consists of a combination of multiple choice, matching, definitions, fill-in-the-blank and short answer questions. The exam must be submitted electronically to the instructor (hcardoso@sfu.ca) by 11:59 PM on June 12 .

NOTE: There will be no make-up assignments or extra credit assignments.

Grades will be provided in percentage and converted in a letter grade according to the following scale:

Letter grade	%	Description
A+	90-100	Excellent performance
A	85-89	
A-	80-84	
B+	76-79	Good performance
B	72-75	
B-	68-71	
C+	64-67	Satisfactory performance
C	60-63	
C-	55-59	
D	50-54	Marginal performance
F	0-49	Unsatisfactory performance-fail

Lecture Schedule (*subject to change*)

Lectures will be offered at the SFU Burnaby campus and at the Gambelas campus, University of the Algarve in Faro, Portugal.

Day	Time and topic	Readings
Santarem Municipal Museum (Portugal)		
June 1	9:00-12:00 – Welcome and orientation (Municipal Museum of Santarem). 13:00-16:00 – Tour of the old city, castle and other locations of cultural and historical interest in Santarem	-
June 2	9:00-12:00 – Introduction to the field school, the Cacela 2018 archaeological project and the field school site. Introduction to Portuguese history, culture and language. 13:00-16:00 – Intro to lab sessions	Garcia & Curate (2004), Batista (2015), Birmingham (2003), Newitt (2009), Sidaway & Power (2005)
June 3	9:00-12:00 – Review of human and dental skeletal anatomy 13:00-16:00 – Lab session	White (2005), Western & Kausmally (2005)
June 4	9:00-12:00 - Bioarchaeology field methods. Ethics, health and safety, excavation and documentation of inhumed human remains. 13:00-16:00 – Lab session	Dirkmaat & Adovasio (2006), Western & Kausmally (2005), McKinley & Roberts (1993)
June 5	9:00-12:00 – Bioarchaeology field methods (cont.). Burial and grave forms and field protocols. Postexcavation treatment of inhumed human remains. Medieval and modern bioarchaeology of the Algarve 13:00-16:00 – Lab session	Knusel (2014), Knusel & Robb (2016), Antoine & Taylor (2014), Malt (1994). Duarte (2003), Queiroz and Rugg (2003), Umbelino & Santos (2011) *
June 8	9:00-12:00 - Lab review and preparation for the field 13:00-16:00 - Mid-term written and lab exam	-
University of the Algarve (Portugal)		
June 10	9:00-1:00 – Welcome to campus and orientation. Introduction to the medieval and modern history of the Algarve 2:00-5:00 – Introduction to the archaeological site of Cacela-Velha and its history from the Roman occupation to 1755	* *
June 11	9:00-1:00 – Medieval and modern zooarchaeology of the Algarve. 2:00-5:00 – Medieval Islamic ceramics	* *

June 12	09:00-16:00 – Trip to downtown Faro. Final take home written exam (ARCH 433)	
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NOTE: Additional readings may be provided () and delivery of some materials may be aided by video discussions.*

Academic dishonesty

All students are expected to read and understand SFU's policies with regard to academic honesty and student conduct, available at <http://www.sfu.ca/policies/gazette/student.html>

Email policy

Students must use their SFU email to ensure that their messages get delivered and are not filtered out as spam. The instructor can also be reached using CANVAS' messaging system.

Statement on Learning Technology

Laptops are allowed in class for word processing only. Due to the sensitive nature of the subject matter, the use of voice recorders, digital photography (including cell phone cameras) and video recorders is prohibited.

Classroom Conduct

Due to the sensitive nature of the subject matter, the use of voice recorders, digital photography (including cell phone cameras) and video recorders is strictly prohibited.

Cell phones and other means of electronic communication will not be allowed in class or exams.

Disruptive behaviour during lectures is a demonstration of disrespect to the speaker and will not be tolerated.

Notes

Deferred grades will be given only on the basis of authenticated medical disability. Students may take a make-up exam if they have a valid (e.g. note from physician) excuse for missing a scheduled exam.