

**ARKY 329 (LEC01)**  
**Fringe Archaeology**  
**GFC Hours 3-0**  
**Spring 2024**

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**Prerequisite(s):** None. Credit for both Archaeology 329 and 327.01 (Archaeology & Popular Culture) will not be allowed.

**COURSE DESCRIPTION**

Myths and misinformation about the past abound. In this class, we will explore popular, fantastic, and alternate interpretations of archaeological sites and remains presented in the press and popular media and analyze the logical flaws in pseudo-scientific explanation. Students will hone their critical thinking skills and discover the “real story” about our past revealed by the science of archaeology.

**LEARNING OUTCOMES:**

The Department of Anthropology and Archaeology is committed to student knowledge and skill development.

Upon completion of this course, students should be able to:

- Enhance critical thinking skills.
- Develop a basic understanding of the scientific method.
- Understand the difference between pseudo-science and science.
- Identify the important and reliable sources of data.
- Develop a basic understanding of archaeological practices.
- Develop a basic understanding of world prehistory.

## READINGS AND TEXTBOOKS:

- Required Text: *Frauds, Myths, and Mysteries: Science and Pseudoscience in Archaeology*, 10th edition, by Kenneth L. Feder, Oxford University Press (Dec. 19, 2019). Supplemental student resources are available through Oxford University Press at: [https://learninglink.oup.com/access/feder10e-student-resources#tag\\_all-chapters](https://learninglink.oup.com/access/feder10e-student-resources#tag_all-chapters).
- Links to additional recommended articles and materials and a complete reading list will be provided on D2L.

## REQUIRED TECHNOLOGY and EQUIPMENT:

In order to successfully engage in their learning experiences at the University of Calgary, students are required to have access to the following technology:

- A computer with a supported operating system and broadband internet connection to
- access the Desire2Learn (D2L) course page.
- A current and updated web browser and word processor.

## SUPPLEMENTARY FEES

None

## COURSE REQUIREMENTS AND ASSESSMENT

Midterm 1:	35%	(Tuesday, May 21)
Midterm 2:	35%	(Thursday, June 6)
Film Response 1:	7.5%	(Tuesday, May 28 by 11:59PM)
Film Response 2:	7.5%	(Thursday, June 13 by 11:59PM)
Final Quiz:	15%	(TBD)

### Assessment Format and Deadlines:

#### 1) Midterm Exams (35% each)

The class will feature two in-person midterm exams, combined for 70% of the final grade. The exams will be held during regular class time and consist of multiple choice and short answer questions. The closed-book exams will cover lecture materials, text chapters, and information related to selected films viewed in-class. Exams are non-cumulative. Midterm 1 (May 21) will cover *Frauds, Myths, and Mysteries* Chapters 1-5. Midterm 2 (June 6) will include information from *Frauds, Myths, and Mysteries* Chapters 6-10. Study guides will be uploaded to D2L prior to midterm dates.

#### 2) Final Quiz (15%)

One final quiz worth 15% of the final grade will be scheduled by the registrar. Students will be notified of the date of the test as soon as it is available. This closed-book quiz will consist of multiple choice and short answer questions. It is non-cumulative and will incorporate information from *Frauds, Myths, and Mysteries* (chapters 11 and 12) and related lecture material.

Study guides will be uploaded to D2L prior to midterm dates. Please note deferral of the registrar-scheduled final exam requires Registrar approval

<https://www.ucalgary.ca/registrar/exams/deferred-final-exams> .

### 3) Film Responses (7.5% each)

Students will be responsible for watching two short documentaries outside of regularly scheduled class time (First Faces of America, PBS 2018; Ancient Skies: Gods and Monsters, PBS 2019) and providing responses through D2L. Film links will be posted on D2L and accessible through the University of Calgary Film on Demand. Students will have 120 minutes to answer 10 multiple choice questions accessible through D2L → Assessments → Quizzes and are welcome to answer the questions with the film(s) open, although please note that you will only be able to take each one these quizzes once. So be prepared when you take the, if you logout of D2L or have internet connections the quiz will close. You are responsible for ensuring a good work environment for yourself when you conduct each of these responses.

Each film response will be available from the first day of class (May 7, 9:00AM). Film Response #1 will close May 28 (11:59PM) and Response #2 will close June 13 (11:59PM). The two responses will total 15% of the final grade. Late submissions without prior instructor approval will not be accepted.

### **Exam Deferral Policy**

Missed examinations/tests cannot be made up without the approval of the instructor. Exams may only be deferred in the case of serious illness or medical emergency, religious observance, or domestic affliction (see: <https://www.ucalgary.ca/registrar/exams/deferred-final-exams>). Students who miss a test/exam have up to 24 hours to contact the instructor to ask for a makeup test/exam. Students who do not schedule a makeup test/exam with the instructor within this 24-hour period forfeit the right to a makeup test/exam. Makeup tests/exams may differ significantly (in form and/or content) from the regularly scheduled test/exam. Once approved by the instructor, a makeup test/exam must be written within one week of the missed test/exam on a day/time approved by the instructor. Again, deferral of the registrar-scheduled final exam requires Registrar approval <https://www.ucalgary.ca/registrar/exams/deferred-final-exams>.

### **Regarding Documentation**

Students may provide supporting documentation for an exemption/special request. This may include, but is not limited to, a prolonged absence from a course where participation is required, a missed course assessment, a deferred examination, or an appeal. Students are encouraged to submit documentation that will support their situation. Students cannot be required to provide specific supporting documentation, such as a medical note. Falsification of any supporting documentation will be taken very seriously and may result in disciplinary action through the Academic Discipline regulations or the Student Non-Academic Misconduct policy.

**Reappraisal of Graded Term Work:** <https://calendar.ucalgary.ca/uofcregs/university-regulations/reappraisal-term-work>

**Reappraisal of Final Grade:**

<https://calendar.ucalgary.ca/pages/030b5a67a21048c7b4e6a5d167c628d8>

**Department of Anthropology and Archaeology Grading Scheme:**

A+	95 – 100%	B+	80 – 84.9%	C+	67 – 70.9%	D+	55 – 58.9%
A	90 – 94.9%	B	75 – 79.9%	C	63 – 66.9%	D	50 – 54.9%
A-	85 – 89.9%	B-	71 – 74.9%	C-	59 – 62.9%	F	< 50%

Please note that no extra credit or ‘make up’ work is available in this class. You do not need to pass each course component to earn a passing grade in the class.

**Land Acknowledgement**

The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut’ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta (Districts 5 and 6).

**Acknowledgment and Respect for Diversity**

The Department of Anthropology and Archaeology views diversity of identity as a strength and resource. Your experiences and different perspectives are encouraged and add to a rich learning environment that fosters critical thought through respectful discussion and inclusion.

**COURSE POLICIES****Communication and Email Policy**

Students are encouraged to take advantage of the instructor’s and TA’s office hours to address any questions or concerns that they may have regarding the course. This is also a good opportunity to discuss concepts and ideas that are covered in class.

The best way to contact the instructor or TA is through email. Please begin with the course code in the subject line (ARKY 329) and be sure to sign your name. I will do my best to answer emails within 48 hours upon receipt within standard business days and hours. Emails will not be responded to between the hours of 5 pm and 8 am or on weekends. Please do NOT expect an immediate reply. Also, note that I will not answer emails related to assessments that are due within 24 hours. Please manage your time accordingly and address concerns well in advance of the due date. A respectful and safe environment for students to participate is considered a priority; disrespectful or condescending behaviors towards other students will not be tolerated.

**Cellphone and Laptop/Tablet Policy**

Cellphones must be kept on silent during class lectures. The use of laptops and tablets is restricted to note taking.

## UNIVERSITY POLICIES

### ACADEMIC ACCOMMODATIONS

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit <https://live-ucalgary.ucalgary.ca/student-services/access>. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor or the Department Head. The full policy on Student Accommodations is available at <https://www.ucalgary.ca/legal-services/sites/default/files/teams/1/Policies-Student-Accommodation-Policy.pdf>

### ACADEMIC INTEGRITY POLICY

Academic integrity is the foundation of the development and acquisition of knowledge and is based on values of honesty, trust, responsibility, and respect. We expect members of our community to act with integrity. The University Calendar includes a statement on the principles of conduct expected of all members of the university community (including students, faculty, administrators, any category of staff, practicum supervisors, and volunteers), whether on or off university property. This statement applies in all situations where members of the university community are acting in their university capacities. All members of the university community have a responsibility to familiarize themselves with the principles of conduct statement, which is available at: <https://calendar.ucalgary.ca/pages/eb50d7931bba4da5942de21f51d1f514>

### ACADEMIC MISCONDUCT

The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect.

Academic dishonesty is not an acceptable activity at the University of Calgary, and students are **strongly advised** to read the Student Misconduct section in the University Calendar at: <https://calendar.ucalgary.ca/pages/5cf94d4967644957aa0dcfad8a130432>. Often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are (1) presenting another student's work as your own, (2) presenting an author's work or ideas as your own without adequate citation, and (3) using work completed for another course. Such activities will not be tolerated in this course, and students suspected of academic misconduct will be dealt with according to the procedures outlined in the calendar at: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-procedure>

For students wishing to know more about what constitutes plagiarism and how to properly cite the work of others, the Department of Geography recommends that they attend Academic Integrity workshops offered through the Student Success Centre: <https://www.ucalgary.ca/student-services/student-success/learning/academic-integrity>

### **INSTRUCTOR INTELLECTUAL PROPERTY**

Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing. Information on Instructor Intellectual Property can be found at <https://www.ucalgary.ca/legal-services/university-policies-procedures/intellectual-property-policy>

### **FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT**

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

### **COPYRIGHT LEGISLATION**

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (<https://ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy>) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks, etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

### **SUPPORTS FOR STUDENT LEARNING, SUCCESS, AND SAFETY**

Please visit the Registrar's website at: <https://www.ucalgary.ca/registrar/registration/course-outlines> for additional important information on the following:

- Wellness and Mental Health Resources
- Student Success Centre
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk

## CLASS SCHEDULE FRINGE ARCHAEOLOGY SPRING 2024

Schedule is subject to change. Any changes will be clearly communicated by the instructor.

Date	Topic & Assessments	Readings
T May 7	Class Introduction Science, Pseudoscience, and Archaeology	Feder, Chapter 1
R May 9	Epistemology: How do You Know What You Know? Anatomy of an Archaeological Hoax	Feder, Chapter 2 & Chapter 3
T May 14	Piltdown Man and Human Evolution	Feder, Chapter 4
R May 16	The Earliest Americans/What DNA can tell us about the first people	Feder, Chapter 5 / Film
T May 21	<b>MIDTERM 1</b>	N/A
R May 23	After the First Nations, but before Columbus/Vikings in the Americas	Feder, Chapter 6
T May 28	Myth of the Moundbuilders / Cahokia <b>Film Response #1 (First Faces of America)</b>	Feder, Chapter 7
R May 30	Atlantis, Apocalypse Theories, and Minoan Civilization Chariots of the Gods / Archaeology and Aliens / Nazca Lines	Feder, Chapter 8 & 9
T Jun 4	The Mystery of Ancient Civilizations/Stonehenge	Feder, Chapter 10/Film
R Jun 6	<b>MIDTERM 2</b>	N/A
T Jun 11	Psychic and New Age Archaeology / Crystal Skulls / Maya Calendar	Feder, Chapters 11 and 12
R Jun 13	Real Archaeological Mysteries <b>Film Response #2 (Gods and Monsters)</b>	N/A
<b>TBD</b>	<b>Final Quiz</b>	

### IMPORTANT DATES

W May 1	Start of term
M May 6	Start of Classes
R May 9	Last day to drop a class without a financial penalty. Last day to add or swap a course
T May 14	Fee payment deadline.
M May 20	Victoria Day No Classes.
M Jun 17	End of classes Last day to withdraw from a course.
W Jun 19	Start of Exams
Sa Jun 22	End of Exams
Su Jun 23	End of term

<https://calendar.ucalgary.ca/uofcregs/acadsched>