

Phil – 367

Science and Philosophy

MW 13:00 – 15:45 SA 129

Science is often seen as humanity's best way of learning about the world. But what exactly is science? How should we understand what scientists are doing? What is scientific truth? In what way is science objective? In this class we will explore these questions from a philosophical perspective.

There is no textbook for this class; all our readings are available online.

In this class you will...

Learn about some of the central issues in the philosophy of science

Critically assess, analyze, and interpret texts in the philosophy of science

Engage in constructive, respectful, oral and written philosophical dialectic

Write convincing philosophical arguments that take adequate account of alternative positions

How to interact with me



Come to class and ask questions about course content and assignments

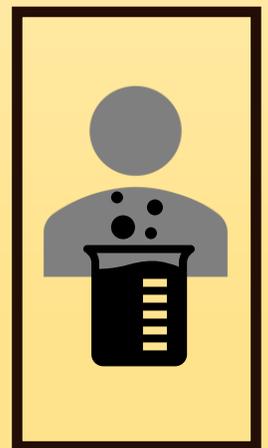


For in depth questions and concerns, come talk to me in the business school atrium after class on Wednesdays

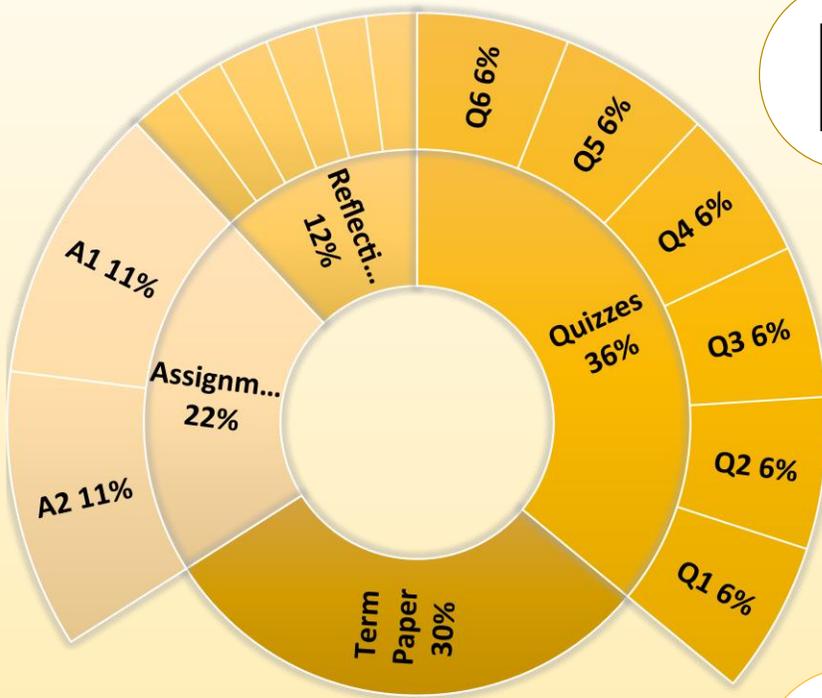


Email me questions unique to your situation. I usually check my email on days when we have class

Hi, my name is Caleb Lee, you can call me Caleb. I received a PhD here at the U of C, in 2016. My research was on the idea of belief and how that relates to the idea of a good belief. I have been teaching here regularly since 2012. I also teach at SAIT and work part time as a flight attendant for WestJet.



UNIVERSITY OF CALGARY
FACULTY OF ARTS
Department of Philosophy



There will be two short written assignments (11% each) due on Wednesday of week 3 and 5



There will be short online quizzes (worth 6% each) available at the end of class Wednesdays and due before e next Monday



There will also be a term paper (worth 30%) due the last day of class



I will assign you reflection questions (worth 2% each) at the end of class Monday's that will be due before Wednesday

Assessment



Details about the assignments and the paper will be available on D2L

Submit all assignments to the appropriate drop box in D2L

You do not need to pass any single component of the course to pass the course

I will accept late work (excluding quizzes and reflections) without penalty---or feedback---for one week after the due date but not after that

Writing and the grading thereof is a factor in evaluating your work

There will not be a registrar-scheduled final exam

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1	2	3 First Class Arguments and Theories	4 https://plato.stanford.edu/entries/ps-eudo-science/	5	6
7 R1 Due Q1 Due	8 Demarcation	9 R2 Due	10 Demarcation Receive A1	11 https://plato.stanford.edu/entries/induction-problem/	12	13
14 Q2 Due	15 Induction	16 R3 Due A1 Due	17 Induction	18 https://plato.stanford.edu/entries/scientific-underdetermination/	19	20
21 Q3 Due	22 Underdetermination	23 R4 Due	24 Underdetermination Receive A2	25 https://plato.stanford.edu/entries/scientific-realism/	26	27
28 Q4 Due Realism	29 Objectivity	30 R5 Due A3 Due Realism	31 Objectivity	1 https://plato.stanford.edu/entries/scientific-objectivity/	2	3
4	5 No Class	6 Q5 Due Objectivity	7	8	9	10
11 Q6 due	12 Last Class Term Paper due	13	14	<h1>Schedule</h1>		

IMPORTANT DEPARTMENTAL, FACULTY AND UNIVERSITY INFORMATION

The following information is mandatory and will be automatically added to the back of all PHIL/WMST course outlines. You may include additional policies (e.g., info about supporting student learning, recording lectures, etc.) which will be reviewed by the Head during the approval process.

Academic Honesty

Cheating or plagiarism on any assignment or examination is regarded as an extremely serious academic offense, the penalty for which will be an F on the assignment or an F in the course, and possibly a disciplinary sanction such as probation, suspension, or expulsion. See the relevant section K.5 on 'Academic Misconduct' in the current University Calendar <http://www.ucalgary.ca/pubs/calendar/current/k-5.html>.

Intellectual honesty requires that your work include adequate referencing to sources. Plagiarism occurs when you do not acknowledge or correctly reference your sources. If you have questions about correct referencing, consult your instructor.

Academic Accommodation The student accommodation policy can be found at: ucalgary.ca/access/accommodations/policy.

Students needing an Accommodation because of a disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to their instructor.

D2L Help

Desire2Learn is UCalgary's online learning management system. Important information and communications about this course may be posted on D2L. Go to <https://ucalgary.service-now.com/it> for help.

General Academic Concerns and Program Planning

Have a question but not sure where to start? The Arts Students Centre is your information resource for everything in the Faculty of Arts. Drop in at SS102, call 403-220-3580, or email ascarts@ucalgary.ca. Advisors in the ASC can also provide assistance and advice in planning your program through to graduation. Visit the Faculty of Arts website at <https://arts.ucalgary.ca/advising> for detailed information on common academic concerns

Advice on Philosophy Courses

You may find answers to your more specific questions about a philosophy degree on the Department of Philosophy's website <http://phil.ucalgary.ca>, or contact one of Philosophy's Undergraduate Advisors. David Dick – Undergraduate Program Director (dgdick@ucalgary.ca), Megan Delehanty – Honors Advisor (mdelehan@ucalgary.ca) or Allen Habib (anhabib@ucalgary.ca).

Registration and Prerequisite Waivers

If you have questions regarding registration, or are seeking permission to waive the prerequisites for a course, email the Philosophy Department Undergraduate Program Administrator (UPA), Rebecca Lesser (rebecca.lesser@ucalgary.ca). Include the specific course information and your UCID number in your request.

Writing

All written assignments (including, although to a lesser extent, written exam responses) will be assessed at least partly on writing skills. Writing skills include not only surface correctness (grammar, punctuation, sentence structure, etc.) but also general clarity and organization. Research papers must be properly documented. Students are also encouraged to use Writing Support Services and other Student Success Centre Services, located on the 3rd floor of the Taylor Family Digital Library. Writing Support Services assist with a variety of assignments, from essays to lab reports. Students can book 30-minute one-on-one appointments online, sign up for 15-minute drop-in appointments, and register for a variety of writing workshops. For more information on this and other Student Success Centre services, please visit www.ucalgary.ca/ssc.

Protection of Privacy

The University of Calgary is under the jurisdiction of the provincial Freedom of Information and Protection of Privacy (FOIP) Act. The Department of Philosophy ensures the student's right to privacy by requiring all graded assignments be returned to the student directly from the instructor or teaching assistant.

Internet and Electronic Communication Devices

The instructor reserves the right to establish course policies regarding the use of devices such as laptops, tablets, and smartbooks. If allowed, these devices must be used exclusively for instructional purposes and must not cause disruption to the instructor or to fellow students. Cell phones and paging devices should be set to silent mode during lectures. Audio or video recording of lectures is not permitted without the written permission of the instructor. Students violating this policy are subject to discipline under the University of Calgary's Non-Academic Misconduct policy.

Emergency Evacuation:

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom. The list of assembly points is found at <http://www.ucalgary.ca/emergencyplan/assemblypoints>. Please check this website and note the nearest assembly point for this course.

Other Helpful Contacts

* Safewalk and Campus Security: 403-220-5333. * Faculty of Arts Student Representatives: 403-220-6552, arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca * Student Union: <https://www.su.ucalgary.ca/>; 403-220-6551. * Student Ombudsman: <http://www.ucalgary.ca/provost/students/ombuds> * Campus Mental Health Strategy: <https://www.ucalgary.ca/mentalhealth>