



FACULTY OF ARTS
DEPARTMENT OF PHILOSOPHY

PHIL 467 Lec 01
Problems in the Philosophy of Science

Winter Term 2017
Course Outline

Lectures: EDC 284 R 15:30-18:15

Instructor: Dr. Megan Delehanty
Office: SS 1240
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Office Hours: by appointment

Course Description

This course will be an investigation of the role of values in science. We will first examine the connection between values and objectivity. We will then look at the roles of diversity, consensus, and scientific expertise. Finally, we will consider how frameworks for scientific decision making under uncertainty reflect these concerns. Students will work throughout this course to develop a case study of a particular scientific problem and the role or impact of values in this context.

Prerequisites:

Two previous courses in Philosophy one of which be Philosophy 275, 279 or 377 and one of which must be Philosophy 201 or 395.

Course Learning Outcomes

1. Describe the position argued for by a particular author or set of authors regarding values and objectivity in science.
2. Compare different positions on values and objectivity in science.
3. Discuss and critically evaluate existing literature values and objectivity in science.
4. Develop a case study of the role played by values in the context of a specific scientific problem.

Required/Recommended Texts (including electronic resources):

Sandra Harding, *Objectivity & Diversity: Another Logic of Scientific Research*, University of Chicago Press, 2015. (available in hard copy at the bookstore or as an e-book through the library)

Other readings will be posted on D2L.

Course Assessment

This course will use anonymous grading procedures. All written work should be identified **ONLY** by your student number on a separate last page.

Course Requirements

- Identification and initial plan for case study (10 %)
Due **Sunday Feb 12** by 23:59 in D2L dropbox
- Two in-class presentations (Presentation #1 - 5%, Presentation #2 – 15%. Total weight = 20%)
(Dates to be determined in class)
- Outline of case study (5%)
Due **Sunday March 12** by 23:59 in D2L dropbox
- Draft of case study (15%)
Due **Sunday, April 2** by 23:59 in the D2L dropbox
- Final case study (50%) (3500 words maximum)
Due **Thursday April 20** by 23:59 in the D2L dropbox

- Students are responsible for checking D2L for updates on the course.
- No particular component must be passed in order to receive a passing grade in the course.
- Writing and the evaluation thereof is an important component of this course.
- There will **not** be a Registrar-scheduled final exam for this course.
- Late assignments will lose 5% per day (or portion thereof) unless there are exceptional circumstances (e.g. a sustained period of illness). They may also not receive comments in a timely manner.
- All written assignments are to be submitted to the D2L dropbox.

Letter Grade Conversion Table

A+	95 –100 %	B+	80-84.9 %	C+	65-69.9 %	D+	50-54.9 %
A	90-94.9 %	B	75-79.9 %	C	60-64.9 %	D	45-49.9 %
A-	85-89.9 %	B-	70-74.9 %	C-	55-59.9 %	F	0- 44.9 %

IMPORTANT DEPARTMENTAL, FACULTY AND UNIVERSITY INFORMATION

Academic Honesty

Cheating or plagiarism on any assignment or examination is regarded as an extremely serious academic offence, the penalty for which may be an F on the assignment, an F in the course, academic probation, or requirement to withdraw from the University. See the relevant sections on 'Academic Misconduct' in the current University Calendar. 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

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 more information on support services and accommodations for students with disabilities, visit <http://www.ucalgary.ca/access/>. Students who require accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their instructor. The full policy on student accommodations is available at http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf

D2L Help

Desire2Learn is UCalgary's online learning management system. Important information and communications about this course may be posted on D2L. Go to <http://www.ucalgary.ca/it/services/d2l> 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/undergraduate> 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. Jeremy Fantl (jfantl@ucalgary.ca), Reid Buchanan (buchanar@ucalgary.ca), Megan Delehanty (mdelehan@ucalgary.ca).

Registration Overload/Prereq Waivers

If you are seeking to register in a Philosophy course that is full or to get permission to waive the prereqs for a course, email the Department Manager, Merlette Schnell (schnell@ucalgary.ca). Include the specific course information and your UCID number in your request.

Writing

This course will include written assignments. Faculty policy directs that 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 Ombudsman: <http://www.ucalgary.ca/provost/students/ombuds>