



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

SCHOOL OF HISTORY, PHILOSOPHY, POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

PHILOSOPHY PROGRAMME

PHIL 421: Formal Logic

TRIMESTER 1 2013

4 March – 3 July 2013

Trimester dates

Teaching dates: 4 March to 7 June 2013

Easter break: 28 March to 3 April 2013

Mid-trimester break: 22–28 April 2013

Study week: 10–14 June 2013

Examination/Assessment Period: 14 June to 3 July 2013

Withdrawal dates

Information on withdrawals and refunds may be found at
www.victoria.ac.nz/home/admisenrol/payments/withdrawalsrefunds

Names and contact details

Course Coordinator: Professor Edwin Mares
Room No.: MY 618
Email: edwin.mares@vuw.ac.nz
Office hours: 12-1pm Wednesday or by appointment

Class times and locations

Can be found on the Victoria website at:

<http://www.victoria.ac.nz/home/study/subjects/coursecatalogue>

It is advisable to check the above for any changes to the timetable programme.

Seminar Time: Wed 10.00 am – 12.00 pm

Seminar Venue: Murphy (MY) 617

Teaching/learning summary

This course will be taught in lecture format for two hours a week. There will be one in-class test, an assignment and a final exam.

Communication of additional information

This course uses Blackboard and presumes that all enrolled students have valid myvuw.ac.nz addresses. Please check that this account is active and you have organised email forwarding. Additional information and any changes to the timetable or lecture and seminar programme will be advised by email, announced in lectures, and posted on the PHIL 421 Blackboard site.

Course prescription

This course will be an introduction to standard model and proof theory.

Course content

This course will be an introduction to substructural logics through their proof theory. We will look at natural deduction and Gentzen style systems with an aim to showing equivalences between them. The course will begin with an introduction to sequent-style natural deduction systems as a way of introducing students to structural rules. We will look at the Fitch-style natural deduction system for relevant logic and prove that it is equivalent to one of the sequent-style systems. We will go on to discuss Gentzen systems and show that how are equivalent to natural deduction style systems.

Learning objectives

Students who pass this course will be able to:

1. Prove theorems in a variety of types of proof theory
2. Prove certain metatheorems about proof theories

Graduate attributes

As with all Philosophy courses, learning objectives of this course contribute to the attainment of specific attributes in the areas of logical and critical thinking, conceptual analysis and rational and ethical decision-making. For more details please consult our website <http://www.victoria.ac.nz/hppi/about/overview-of-the-school/phil-overview#grad-attributes>

Expected workload

In accordance with Faculty Guidelines, this course has been constructed on the assumption that students will devote 300 hours to PHIL 421 throughout the trimester. This includes weekly attendance at lectures, and seminars, completion of all set weekly readings and research and writing for set assessment tasks.

Readings

All the readings for this course will be available in the form of handouts from the instructor.

Assessment requirements

- In class test: 2 May (worth 30%) 1 hour in length
- Assignment given out: 21 March (worth 20%)
- Assignment Due: 30 May
- Final three hour examination: During the first trimester exam period (worth 50%).

Both of the learning objectives will be emphasized in lectures and tested in the assessments set out for the course.

The examination period for the first trimester 2013 is from 14 June – 3 July 2013.

Penalties

Philosophy Programme policy stipulates that late submission of assignments is penalised. For each week or part thereof of lateness, a late assignment gets a 5 point penalty, up to three weeks, after which the assignment will get a zero mark. (i.e. 1-7 days late a loss of 5%; 8-14 days late a loss of 10 %; 15-21 days late a loss of 15%, and after that a zero mark.) Extensions may be granted in exceptional circumstances, but **all extensions require the student to provide documentation**. If granted an extension, students must agree to a new due date. Contact your lecturer as soon as a problem emerges. Extension forms are available in the School office.

Mandatory course requirements

There are no mandatory course requirements.

Submission of work

The submission of essays will be by hard copies given to me or to the programme office 518 Murphy.

Return of marked course work

Assignments and tests will be returned in lecture. If students fail to attend these times, they may collect their essay from the School Office, Room 518, Murphy Building between the hours of 2.00 and 3.00 pm from Monday to Friday and must show their Student ID card before collection.

Class representative

A class representative will be elected in the first week, and that person's name and contact details will be available to VUWSA, the Course Coordinator and the class. The class representative provides a communication channel to liaise with the Course Coordinator on behalf of students.

Statement on legibility

Students are expected to write clearly. Where work is deemed 'illegible', the options are:

- the student will be given a photocopy of the work and asked to transcribe it to an acceptable standard (preferably typed) within a specified time frame after which penalties will apply;
- the student will be given a photocopy of the work and asked to transcribe it to an acceptable standard (preferably typed) and lateness penalties apply;
- if the student does not transcribe it to an acceptable standard, the work will be accepted as 'received' (so any associated mandatory course requirements are met) but not marked.

Academic integrity and plagiarism

Academic integrity means that university staff and students, in their teaching and learning are expected to treat others honestly, fairly and with respect at all times. It is not acceptable to mistreat academic, intellectual or creative work that has been done by other people by representing it as your own original work.

Academic integrity is important because it is the core value on which the University's learning, teaching and research activities are based. Victoria University's reputation for academic integrity adds value to your qualification.

The University defines plagiarism as presenting someone else's work as if it were your own, whether you mean to or not. 'Someone else's work' means anything that is not your own idea. Even if it is presented in your own style, you must acknowledge your sources fully and appropriately. This includes:

- Material from books, journals or any other printed source
- The work of other students or staff
- Information from the internet
- Software programs and other electronic material
- Designs and ideas
- The organisation or structuring of any such material

Find out more about plagiarism, how to avoid it and penalties, on the University's website: <http://www.victoria.ac.nz/home/study/plagiarism>

Where to find more detailed information

Find key dates, explanations of grades and other useful information at www.victoria.ac.nz/home/study. Find out how academic progress is monitored and how enrolment can be restricted at www.victoria.ac.nz/home/study/academic-progress. Most statutes and policies are available at www.victoria.ac.nz/home/about/policy, except qualification statutes, which are available via the *Calendar* webpage at www.victoria.ac.nz/home/study/calendar (See Section C).

Other useful information for students may be found at the Academic Office website, at www.victoria.ac.nz/home/about/avcacademic.