



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

GRADUATE SCHOOL OF NURSING, MIDWIFERY AND HEALTH

HLTH 518: Clinical Pharmacology

30 POINTS
TRIMESTER 2 2016

Key dates

Trimester dates: 11 July to 13 November 2016

Teaching dates: 11 July to 16 October 2016

Mid-trimester break: 22 August to 4 September 2016

Last assessment item due: 14 October 2016

Withdrawal dates: Refer to www.victoria.ac.nz/students/study/withdrawals-refunds.

If you cannot complete an assignment or sit a test in the last three weeks of teaching, or an examination, it may instead be possible to apply for an aegrotat (refer to www.victoria.ac.nz/students/study/exams/aegrotats).

SECTION 1: OPERATIONAL INFORMATION

Class times and locations

1st School

Dates: Monday 11 & Tuesday 12 July 2016
Times: 0830 - 1630 daily
Venue: Horne Lecture Theatre, Level 12, Ward Support Block (WSB), Wellington Regional Hospital, Riddiford St, Newtown, Wellington

2nd School

Dates: Monday 8 & Tuesday 9 August 2016
Times: 0830 - 1630 daily
Venue: Horne Lecture Theatre, Level 12, Ward Support Block (WSB), Wellington Regional Hospital, Riddiford St, Newtown, Wellington

3rd School

Dates: Monday 12 & Tuesday 13 September 2016
Times: 0830 - 1630 daily
Venue: Horne Lecture Theatre, Level 12, Ward Support Block (WSB), Wellington Regional Hospital, Riddiford St, Newtown, Wellington

Important Notice

The Graduate School of Nursing, Midwifery & Health at Victoria University of Wellington, uses all reasonable skill and care in an effort to ensure the information and course content information contained in this outline is accurate at the time of going to print.

Students should be aware, however, that in the event course timetables and venues need to be changed, all attempts will be made to notify the students.

Names and contact details

Course Coordinator

Dr Dianne Sika-Paotonu
Ph: 04 463 6150
Email: dianne.sika-paotonu@vuw.ac.nz
Office hours: Tuesdays 1.00 - 4.00pm

Administrator

Ph: 04 463 5363
Email: nmh@vuw.ac.nz
Office hours: Monday to Friday 9.00am – 4.00pm

Office Hours

The Graduate School office will be open 09.00 – 4.00pm weekdays from Tuesday 5 January 2016 and close on Thursday 22 December 2016.

Please contact the course coordinator directly either by telephone or email should you wish to make an appointment or discuss course related issues.

Postal Address

Graduate School of Nursing, Midwifery & Health
Victoria University of Wellington
P O Box 7625
Newtown
Wellington 6242

Physical Address

Level 7, Clinical Services Block (CSB)
Wellington Regional Hospital
Riddiford St, Newtown
Wellington 6021

Communication of additional information

All course information and information on changes that occur during the course will be conveyed to students via Blackboard or student email.

SECTION 2: COURSE INFORMATION

Prescription

This course examines principles of clinical pharmacology and therapeutics in the context of safe and quality use of medicines.

Course content

This course examines principles of pharmacology, complex pharmacokinetics and pharmacodynamics with an aim towards safe and effective administration of medication.

Course learning objectives (CLOs)

Students who pass this course will be able to:

1. Demonstrate knowledge of essential pharmacologic principles and concepts and the factors affecting variability in the human drug response.
2. Apply principles of pharmacokinetics and pharmacodynamics to major drug groups.
3. Critically analyse and evaluate the clinical use of common drugs used in the management of cardiovascular disease, diabetes and related conditions, respiratory disease, common infections, anxiety and depression.
4. Demonstrate knowledge of current issues associated with polypharmacy and inappropriate prescribing, medicines management in chronic disease, antimicrobial resistance, medicines reconciliation, the misuse of drugs, drug withdrawal syndromes and drug overdose.

Teaching format

This course is taught using a blended learning approach. There will be six contact days, and a distance component supported by Blackboard. The course assessment and teaching facilitates student engagement and learning of essential knowledge.

Mandatory course requirements

In addition to achieving an overall pass mark of 50%, students must:

1. Attend all Schools unless under special circumstances prior arrangements have been made with the course coordinator; this course has guest presenters with specialist knowledge and experience in clinical pharmacology, who present and engage in discussion with students
2. Complete all pieces of assessment and achieve a minimum of 40% in Assessment One and Assessment Two, in order to demonstrate the achievement of all the CLOs of the course.

Any student who is concerned that they have been (or might be) unable to meet any of the MCRs because of exceptional personal circumstances, should contact the course coordinator as soon as possible.

Workload

As a guide each 30-point course at the Graduate School requires students to allocate approximately 10 hours per point for self-directed study, research, assessments and attendance at Schools. Consequently 300 hours should be spread evenly over the 12-week trimester. Compulsory text readings will be required to ensure adequate coverage and full understanding of course topics - details will be provided via blackboard.

This course is comprised of approximately 50 hours of contact time for lectures and tests with the average time notionally assigned for the completion of each assessment task being:

1. Assessment 1 Test (30%): 75 hours
2. Assessment 2 Test (40%): 100 hours
3. Assessment 3 Case study (30%): 75 hours

SECTION 3: ASSESSMENT INFORMATION

Assessment

Assessment items and workload per item		%	CLO(s)	Due date
1	Written test (90 minutes)	30%	1	9 Aug 2016
2	Written test (120 minutes)	40%	1,2,3,4	13 Sept 2016
3	Written assignment: case study (3000 words)	30%	1,2,3,4	14 Oct 2016

Marking criteria for each assessment will be made available on Blackboard.

Assignment one

Assignment: **Test**

Date: 9 August 2016

Duration: 90 minutes

This assignment is worth 30% of your final grade

This will be an in-class test held during the Second School and will be administered in a timed and supervised setting. Questions will address content previously covered in modules, readings and in scheduled class meetings.

This assignment meets learning objective: 1.

Assignment two

Assignment: **Test**

Due Date: 13 September 2016

Duration: 120 minutes

This assignment is worth 40% of your final grade

This will be an in-class test held during the third School and will be administered in a timed and supervised setting. Questions will address content previously covered in modules, readings and in scheduled class meetings.

This assignment meets learning objectives: 1, 2, 3 & 4.

Assessment three

Assignment: **Case study**

Due Date: 14 October 2016

Word Count: 3000 words

This assignment is worth 30% of your final grade

Please submit a patient case study of up to 3000 words (maximum) which examines in detail the use of one particular medicine prescribed for the selected patient. Your case study assignment should include:

1. an overview of the patient

2. identification and list of all the medicines prescribed to this patient
3. the selection of one particular medicine prescribed for further discussion.

Current literature should be utilised and properly referenced.

This assignment meets learning objectives: 1, 2, 3 & 4.

Please submit this assignment electronically via Blackboard.

Submission and return of work

For submission details, please see individual assessment items. Student assignments and test papers will not normally be returned. Feedback and grades will be made available on Blackboard within three weeks of the due date.

Extensions

An extension to a deadline will only be considered where there are extenuating circumstances. An application for an extension must be made by you in writing/e-mail to the course coordinator at least 24 hours before the due date. When communicating your request you must include the following information:

- name, student number and contact details
- course code
- date of submission and request date for new submission
- reason for extension request.

Upon receipt of your request, course coordinators may grant an extension of up to 2 weeks. Any further request for an extension may require Head of School approval.

Penalties

Late assignments or assignments with extensions may be subject to delays in marking and may not receive comprehensive feedback.

A penalty will be incurred for late submission of work **where no prior arrangement** has been made as follows:

- Work submitted up to 7 days after the due date without an extension will receive a 2 grade penalty. For example a B+ to a B-.
- Work submitted 8-14 days after the due date without an extension will receive a 4 grade penalty. For example a B+ to a C.
- Work submitted more than 15 days late without an extension will not be marked and will receive an 'E' (fail) grade.

Other marking penalties

Assignments may also be penalised for poor presentation and for exceeding or being below the word limit by 10%.

SECTION 4: ADDITIONAL INFORMATION

Set texts

Rang, H. P., Ritter, J. M., Flower, R. J., & Henderson, G. (2015). *Pharmacology* (8th ed.). Edinburgh: Churchill Livingstone.

A copy of the Rang & Dale "*Pharmacology* (8th ed.)" textbook may be obtained from Vic Books: www.vicbooks.co.nz. Copies may also be obtained from www.fishpond.co.nz or <http://www.amazon.com/>.

Recommended reading

Maling, T., Burgess, C., & Cameron, C. (2010). *Clinical pharmacology and therapeutics* (12th ed.). Wellington: School of Medicine and Health Sciences, University of Otago.

McKenna, L., & Mirkov, S. (2012). *Nursing and midwifery drug handbook* (6th ed.). Sydney, NSW, Australia: Wolters Kluwer, Lippincott Williams & Wilkins.

Begg, E.J. (2008). *Instant clinical pharmacology* (2nd ed.). Oxford: Blackwell Publishing.

Katzung, B., Masters, S., & Trevor, A. (2011). *Basic and clinical pharmacology* (12th ed.). United States: Lange Basic Science.

Note: *Students are encouraged to familiarise themselves with some of the basic science principles which influence pharmacokinetics, pharmacodynamics, and mechanism of action/absorption prior to the commencement of this course. This information can be derived from the required/recommended texts below.*

Recommended websites

Link to Medsafe medicine data sheets: www.medsafe.govt.nz

Student feedback

Student feedback obtained in 2015 was positive for the HLTH 518 course. Student feedback on University courses may be found at www.cad.vuw.ac.nz/feedback/feedback_display.php.

Ethics conduct

Students are expected to adhere to ethical principles in all aspects of their coursework. This applies to academic integrity and also to the way information about, or from, individuals in the practice setting is managed. Good ethical practice must be maintained in all learning activities. The Human Ethics Committee at Victoria University of Wellington has granted approval for the incorporation of data or observations from patient/client/individuals into coursework from the Graduate School of Nursing, Midwifery and Health, and expects adherence to the instructions below.

Students are expected to adhere to their professional codes of conduct and standards, relevant legislative frameworks and contractual obligations to any employing organisation at all times. In addition, all students in classes where assignments might include observations, reports, images, photographs or descriptions of individuals (patients or colleagues) with whom they have worked in a clinical or practice setting as part of an assignment, must:

1. Read and sign the "Information for using individual data in an assignment: Student agreement statement"

2. Determine whether verbal or written informed consent is required, according to the guidelines provided in the student agreement statement and in consultation with their course coordinator if they are unsure;
3. Provide the patient/client/individual, or the parent/guardian of the child, whose data they intend to use with full information about how they intend to obtain and use the data;
4. Provide written information and obtain written informed consent if required.

Should students have any concerns about ethical aspects of their course requirements they should discuss them with the course coordinator.

Your Course Coordinator will discuss the ethical implications and special requirements (if any) for this particular course.

Other important information

The information above is specific to this course. There is other important information that students must familiarise themselves with, including:

- Academic Integrity and Plagiarism: www.victoria.ac.nz/students/study/exams/integrity-plagiarism
- Academic Progress: www.victoria.ac.nz/students/study/progress/academic-progress (including restrictions and non-engagement)
- Dates and deadlines: www.victoria.ac.nz/students/study/dates
- FHSS Student and Academic Services Office: www.victoria.ac.nz/fhss/student-admin
- Grades: www.victoria.ac.nz/students/study/progress/grades
- Special passes: refer to the *Assessment Handbook*, at www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf
- Statutes and policies including the Student Conduct Statute: www.victoria.ac.nz/about/governance/strategy
- Student support: www.victoria.ac.nz/students/support
- Students with disabilities: www.victoria.ac.nz/st_services/disability
- Student Charter: www.victoria.ac.nz/learning-teaching/learning-partnerships/student-charter
- Subject Librarians: <http://library.victoria.ac.nz/library-v2/find-your-subject-librarian>
- Terms and conditions: www.victoria.ac.nz/study/apply-enrol/terms-conditions/student-contract
- Turnitin: www.cad.vuw.ac.nz/wiki/index.php/Turnitin
- University structure: www.victoria.ac.nz/about/governance/structure
- Victoria graduate profile: www.victoria.ac.nz/learning-teaching/learning-partnerships/graduate-profile
- VUWSA: www.vuwsa.org.nz

Blackboard Information

Students enrolling for this course will need regular internet access to engage with the online Victoria learning platform (Blackboard).

Blackboard is an online environment that supports teaching and learning at Victoria by making course information, materials and learning activities available online. Blackboard provides web-based access to course content, assessment, communication and collaboration tools.

How to log onto Blackboard

- Open a web browser and go to <https://my.vuw.ac.nz/>
- Enter your student username which you will find in your *Confirmation of Study* sent via email. It is usually made up of 6 letters of your last name and 4 letters of your first name e.g. Bart Simpson's username would be 'simpsobart'

- Enter your password. If you have never logged in before your initial password should be 'Vuw' followed by a hyphen and your student ID number e.g. Vuw-123456789
- Click on the Blackboard icon
- Alternatively, if you want to access Blackboard without going through the myVictoria portal, just log on at <http://blackboard.vuw.ac.nz>

Off Campus access

Blackboard is available from any location where you can access the Internet. This may be your home, work or an internet café.

Problems with access? Contact ITS service desk **04 463 5050**