School of Nursing

NMIH206: Therapeutics in Nursing

Subject Outline
Spring, 2015
On-Campus
Wollongong/Southern Sydney /Shoalhaven / Batemans Bay / Bega

Subject Information
Credit Points: 6
Pre-requisite(s): NMIH102
Co-requisite(s): Nil
Restrictions: Nil
Contact Hours: 2 hours lectures (online), 2 hours tutorial per week

Subject Contacts

Subject Coordinator/Lecturer

<table>
<thead>
<tr>
<th>Name</th>
<th>Dr Peter Thomas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Wollongong, Building 41, Room 216</td>
</tr>
<tr>
<td>Telephone</td>
<td>61 2 4221 3229</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:peter_thomas@uow.edu.au">peter_thomas@uow.edu.au</a></td>
</tr>
<tr>
<td>Consultation mode and times</td>
<td>Refer to NMIH206 Moodle site for consultation times</td>
</tr>
</tbody>
</table>

Lecturer/Demonstrator/Tutor

<table>
<thead>
<tr>
<th>Name</th>
<th>Ms Jo-Anne Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Wollongong, Building 41, Room 123</td>
</tr>
<tr>
<td>Telephone</td>
<td>61 2 4221 5124</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:jo-anne_gray@uow.edu.au">jo-anne_gray@uow.edu.au</a></td>
</tr>
<tr>
<td>Consultation mode and times</td>
<td>Refer to NMIH206 Moodle site for consultation times</td>
</tr>
</tbody>
</table>

Student Support and Advice
For general enquiries please contact StudentHub 41:

<table>
<thead>
<tr>
<th>Location</th>
<th>41.138B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone</td>
<td>61 2 4221 3492</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:smah-students@uow.edu.au">smah-students@uow.edu.au</a></td>
</tr>
</tbody>
</table>
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Section A: General Information

Subject Learning Outcomes

On completion of this subject, students should be able to:

1. explain principles of pharmacokinetics/pharmacodynamics incl. mechanisms of drug action, drug absorption & distribution & the metabolism & excretion of drugs
2. analyse major drug groups, incl. actions, side effects, toxicity, hypersensitivity & possible interactions with other drugs
3. apply knowledge of pharmacokinetics/pharmacodynamics, major drug groups, side effects, toxicity, hypersensitivity & possible interactions with other drugs to clinical practice in relation to safe administration of medicines
4. apply knowledge of pharmacokinetics/pharmacodynamics, major drug groups, side effects, toxicity, hypersensitivity & possible interactions with other drugs to patient/client education in relation to safe administration of medicines
5. evaluate the philosophical underpinnings of allopathic & a range of alternative/complementary or adjunct therapies & consider ways in which these can be accommodated in modern health care

Subject Description

There are many types of therapy used in the care and treatment of patients/clients, students of nursing need to understand the role of the nurse in administering medications through the study of pharmacology. However, society in general has become more aware of the use of alternative and complementary therapies in the amelioration of their problems. It is important therefore for the nurse to understand the ethos underpinning alternative and complementary therapies and how these can and should be expanded into patient/client care. To enable the student to study pharmacokinetics / pharmacodynamics and to consider the use of alternative and complementary therapeutic interventions in the care of patients/clients.

Graduate Qualities

The University of Wollongong has developed five graduate qualities (http://www.uow.edu.au/student/qualities/index.html), which it considers express valuable qualities that are essential for UOW graduates in gaining employment and making an important contribution to society and their chosen field. Student development of the following graduate qualities will be enhanced by their participation in this subject:

1. **Informed**: Have a sound knowledge of an area of study or profession and understand its current issues, locally and internationally. Know how to apply this knowledge. Understand how an area of study has developed and how it relates to other areas.
2. **Independent learners**: Engage with new ideas and ways of thinking and critically analyse issues. Seek to extend knowledge through ongoing research, enquiry and reflection. Find and evaluate information, using a variety of sources and technologies. Acknowledge the work and ideas of others.
3. **Problem solvers**: Take on challenges and opportunities. Apply creative, logical and critical thinking skills to respond effectively. Make and implement decisions. Be flexible, thorough,, innovative and aim for high standards.
4. **Effective communicators**: Articulate ideas and convey them effectively using a range of media. Work collaboratively and engage with people in different settings. Recognise how culture can shape communication.
5. **Responsible**: Understand how decisions can affect others and make ethically informed choices. Appreciate and respect diversity. Act with integrity as part of local, national, global and professional communities.

eLearning Space

This subject has materials and activities available via eLearning. To access eLearning you must have a UOW user account name and password, and be enrolled in the subject. eLearning is accessed via SOLS (student online services). Log on to SOLS and then click on the eLearning link in the menu column. For information regarding the eLearning spaces please use the following link:

http://uowblogs.com/moodlelab/files/2013/05/Moodle_StudentGuide-1petpo7.pdf
Lecture, Tutorial, Laboratory Times
All timetable information is subject to variation. Check latest timetabling information on the ‘Current Student’ webpage on UOW website or log into SOLS to view your personal timetable prior to attending classes.

Readings, References and Materials
Prescribed Textbooks
It is expected that students will purchase the following text.


Prescribed Readings (includes eReadings)
The following readings are prescribed for this subject, but students are not expected to purchase these. They are available to students through the library on the subject’s eLearning site.

Nil

Materials
Nil

Recommended Additional Readings
The following references complement the prescribed readings and textbooks:

Brett, H 2002, Complementary therapies in the care of older people, Whurr, London. (615.50846/1)

Meckling, K 2006, Nutrient drug interactions, CRC/Taylor & Francis, Boca Raton. (615.70452/2)


RxList http://www.rxlist.com/

VitaminShoppe.com http://www.vitaminshoppe.com/


Whole Health Educator for Nurses http://www.wholehealtheducation.com/nurse/index.shtml


MIMS Online http://uow.libguides.com/uowdatabases/


Recommended readings are not intended as an exhaustive list, students should use the Library catalogue and databases to locate additional resources.

Recent Changes to this Subject
Nil
List of Topics Covered
The following are examples of the topics to be covered in this course. This is not an exhaustive list and will be subject to change.

**Professional Practice**

<table>
<thead>
<tr>
<th>Role of the nurse, patient/client self-administration, drug administration.</th>
<th>Quality use of medicines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative preparations and routes of administration.</td>
<td>Compliance, covert administration, choice, resource implications.</td>
</tr>
<tr>
<td>Legal issues - prescribing.</td>
<td>Complementary therapy provision.</td>
</tr>
<tr>
<td>Poisons list.</td>
<td>Poisons regulation.</td>
</tr>
<tr>
<td>Poisons and Therapeutic Goods Act 1966.</td>
<td>-</td>
</tr>
</tbody>
</table>

**Critical Thinking and Analysis**

<table>
<thead>
<tr>
<th>Major drug groups’ efficacy.</th>
<th>Evidence retrieval.</th>
</tr>
</thead>
</table>

**Provision and Coordination of Care**

<table>
<thead>
<tr>
<th>Major drug groups: drug action, absorption, distribution, metabolism and excretion.</th>
<th>Acute and community storage, dispensing and administration.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major drug groups’ efficacy.</td>
<td>Patient/client education.</td>
</tr>
</tbody>
</table>

**Collaborative and Therapeutic Practice**

<table>
<thead>
<tr>
<th>Prescription legibility and documentation.</th>
<th>Side effects and toxicity, hypersensitivities, interactions.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drug calculations.</td>
<td>Exercise therapists.</td>
</tr>
<tr>
<td>Correct disposal of sharps and equipment.</td>
<td>Storage, error and near miss reporting of errors and near misses.</td>
</tr>
<tr>
<td>Hygiene.</td>
<td>Quality use of medicines.</td>
</tr>
<tr>
<td>Multidisciplinary team approaches.</td>
<td>Aboriginal and Torres Strait Islander people - Traditional healers &amp; bush medicine.</td>
</tr>
</tbody>
</table>

A Timetable of Topics will be available from the eLearning site in week 1 of session.
## Section B: Assessment

### Assessment Summary

<table>
<thead>
<tr>
<th>Assessment Item</th>
<th>Form of Assessment</th>
<th>Due Date</th>
<th>Return/Feedback Due Dates</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment 1</td>
<td>In class quiz - drug calculation</td>
<td>Week 2</td>
<td>10/8/2015</td>
<td>0%</td>
</tr>
<tr>
<td>Assessment 2</td>
<td>Assignment</td>
<td>11/10/2015 (Week 10)</td>
<td>1/11/2015</td>
<td>35%</td>
</tr>
<tr>
<td>Assessment 3</td>
<td>Group in class presentation</td>
<td>Week 11, 12 or 13</td>
<td>02/11/2015</td>
<td>15%</td>
</tr>
<tr>
<td>Assessment 4</td>
<td>Exam</td>
<td>UOW Exam Period</td>
<td></td>
<td>50%</td>
</tr>
</tbody>
</table>

| Total Marks     | 100%                        |

### Details of Assessment Tasks

Specific details about each assessment and the explicit marking criteria used to assess them will be available in the eLearning space for this subject by the first day of session.

**Assessment 1**
- **In class quiz - drug calculation**
- **Due date**: Week 2 Tutorial Class
- **Weighting**: 0% (Satisfactory/Unsatisfactory)
- **Submission**: Quiz papers and answers must be submitted at the conclusion of the quiz.
- **Type of Collaboration**: Individual Assessment
- **Length**: 30 minutes
- **Details**: Specific details about this assessment task are available in eLearning
- **Style and format**: In-class quiz
- **Subject Learning Outcomes**: 3
- **Marking Criteria**: The marking criteria for this assessment task are available in eLearning

**Assessment 2**
- **Assignment**
- **Due date**: By Midnight, Sunday, 11th October 2015 (Week 10)
- **Weighting**: 35%
- **Submission**: Submit an electronic copy of your assignment via upload to eLearning. Please refer to detailed information regarding submission of assignments on the subject’s eLearning site.
- **Type of Collaboration**: Individual Assessment
- **Length**: 2000 words
- **Details**: Specific details about this assessment task are available in eLearning
- **Style and format**: Assignment
- **Subject Learning Outcomes**: 3
- **Marking Criteria**: The marking criteria for this assessment task are available in eLearning

**Assessment 3**
- **Group in class presentation**
- **Due date**: Tutorial class Week 11 or 12 or 13
- **Weighting**: 15%
- **Submission**: N/A
- **Type of Collaboration**: Group Project
- **Length**: 30 minutes
- **Details**: Specific details about this assessment task are available in eLearning
- **Style and format**: Presentation
- **Subject Learning Outcomes**: 5
- **Marking Criteria**: The marking criteria for this assessment task are available in eLearning
### Assessment 4

<table>
<thead>
<tr>
<th>Due date</th>
<th>UOW Exam Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weighting</td>
<td>50%</td>
</tr>
<tr>
<td>Submission</td>
<td>Exam papers and answers must be submitted at the conclusion of the exam.</td>
</tr>
<tr>
<td>Type of Collaboration</td>
<td>Individual Assessment</td>
</tr>
<tr>
<td>Length</td>
<td>2 hours</td>
</tr>
<tr>
<td>Details</td>
<td>Specific details about this assessment task are available in eLearning</td>
</tr>
<tr>
<td>Style and format</td>
<td>Exam</td>
</tr>
<tr>
<td>Subject Learning Outcomes</td>
<td>1-5</td>
</tr>
<tr>
<td>Marking Criteria</td>
<td>MCQs</td>
</tr>
</tbody>
</table>

### Minimum Requirements for a Pass in this Subject

To receive a clear pass in this subject a total mark of 50% or more must be achieved. In addition, failure to meet any of the minimum performance requirements is grounds for awarding a Technical Fail (TF) in the subject, even where total marks accumulated are greater than 50%.

The minimum performance requirements for this subject are:

- attempt all assessment tasks
- pass the final exam

### Minimum Student Attendance and Participation:

It is expected that students will allocate 12 hours per week to this subject, including any required class attendance, completion of prescribed readings and assessment tasks.

Students’ attendance is required for all tutorial classes. In exceptional circumstances, absence from one tutorial for the subject may be accommodated without penalty. Absences exceeding one (1) tutorial will require the submission of an application for Academic Consideration via SOLS and the presentation of suitable documentation, for example a Medical Certificate, to Student Central as soon as practical. For further details about applying for academic consideration visit the Student Central webpage: [http://www.uow.edu.au/student/central/academicconsideration/index.html](http://www.uow.edu.au/student/central/academicconsideration/index.html)

### Scaling:

Scaling will not occur in this subject.

### Late Submission:

Late submission of an assessment task without an approved extension of the deadline is not acceptable. If you are unable to submit an assessment due to extenuating circumstances (e.g. medical grounds or compassionate grounds), you can make an application of academic consideration. Not all circumstances qualify for academic consideration. For further details about applying for academic consideration visit the Student Central webpage: [http://www.uow.edu.au/student/central/academicconsideration/index.html](http://www.uow.edu.au/student/central/academicconsideration/index.html)

Students who have an active Reasonable Adjustment should contact the Subject Coordinator to request an extension on an assessment task. An extension can only be granted on formal request by the student and if the Reasonable Adjustment includes the provision of a possible extension for assessment tasks. If the provision of an extension is not included in the Reasonable Adjustment or if the circumstances affecting the student do not relate to the condition set out in the Reasonable Adjustment the student should apply for an Academic Consideration (see above).
Late Submission Penalty:
Marks will be deducted for late submission at the rate of 5% of the total possible marks for that particular assessment task per day. This means that if a piece of work is marked out of 100, then the late penalty will be 5 marks per day (5% of 100 possible marks per day). The formula for calculating the late penalty is: the total possible marks x 0.05 x number of days late. For the purposes of this policy a weekend (Saturday and Sunday) will be regarded as two days.

For example:
- Student A submits an assignment which is marked out of 100. The assignment is submitted 7 days late. This means that a late penalty of 35 marks will apply (100 x 0.05 x 7). The assignment is marked as per normal out of 100 and is given a mark of 85/100, and then the late penalty is applied. The result is that the student receives a final mark of 50/100 for the assignment (85 (original mark) – 35 marks (late penalty) = 50/100 (final mark)).
- Student B submits a report which is marked out of 20. The report is submitted three days late. This means that a late penalty of 3 marks will apply ((20 x 0.05 x 3). The report is marked as per normal out of 20 and is given a mark of 17/20, and then the late penalty is applied. The result is that the student receives a final mark of 14/20 for the report (17 (original mark) – 3 marks (late penalty) = 14/20 (final mark)).

No marks will be awarded for work submitted either after the assessment has been returned to the students or more than two weeks after the due date, whichever is the sooner. This does not apply to situations where a particular assessment task is undertaken by students at different times throughout the session, but where the assessment is based on experiments or case studies specific to a student. In this case no marks will be awarded for work submitted more than two weeks after the due date.

Notwithstanding this, students must complete all assessment tasks to a satisfactory standard and submit them, regardless of lateness or loss of marks, where submission is a condition of satisfactorily completing the subject.

Supplementary Assessments
Supplementary assessment may be offered to students whose performance in this subject is close to that required to pass the subject, and are otherwise identified as meriting an offer of a supplementary assessment. The precise form of supplementary assessment will be determined at the time the offer of a supplementary assessment is made.

Students can log on to SOLS and click on the link titled “Supplementary Assessment” to view any applicable offers. Further information about Supplementary Assessments is available at: http://www.uow.edu.au/student/exams/suppassess/index.html

System of Referencing Used for Written Work
The Author-Date (Harvard) referencing system should, unless otherwise specified for a particular assignment (check Details of Assessment Tasks), be utilised. A summary of the Harvard system can be accessed on the Library website at: http://public01.library.uow.edu.au/refcite/style-guides/html/

Use of Internet Sources
Students are able to use the Internet to access the most current information on relevant topics and information. Internet sources should only be used after careful critical analysis of the currency of the information, the role and standing of the sponsoring institution, reputation and credentials of the author, the clarity of the information and the extent to which the information can be supported or ratified by other authoritative sources.
Plagiarism
The full policy on Academic Integrity and Plagiarism is found in the Policy Directory on the UOW website.

“The University’s Academic Integrity and Plagiarism Policy, Faculty Handbooks and subject guides clearly set out the University’s expectation that students submit only their own original work for assessment and avoid plagiarising the work of others or cheating. Re-using any of your own work (either in part or in full) which you have submitted previously for assessment is not permitted without appropriate acknowledgement. Plagiarism can be detected and has led to students being expelled from the University.

The use by students of any website that provides access to essays or other assessment items (sometimes marketed as ‘resources’), is extremely unwise. Students who provide an assessment item (or provide access to an assessment item) to others, either directly or indirectly (for example by uploading an assessment item to a website) are considered by the university to be intentionally or recklessly helping other students to cheat. This is considered academic misconduct and students place themselves at risk of being expelled from the University.”

Submission of Assignments
Assignments are to be submitted via drop box in the eLearning site.

Refer to the submission requirements under the details of the individual assessments. Students should ensure that they receive a receipt acknowledging submission. Students will be required to produce this in the event that an assessment task is considered to be lost. Students are also expected to keep a copy of all their submitted assignments in the event that re-submission is required.

Assessment Return
Once your assignment has been marked and your Subject Coordinator releases results for the assessment you will be able to access feedback on your assignment within the assessment submission page on the Moodle site for this subject. This will include feedback within the marking guide, feedback comments and feedback files (where applicable) that provide you with your markers feedback on your written work. You will receive an automated notification that your assignment results are available for download / review within Moodle.

You can access feedback on your marked assignment on the Assignment submission page, when marks and feedback have been released to students, please note that the Feedback section appears at the bottom of the page.

Your final mark in the assessment task will be posted within SOLS.

Feedback on quizzes, examinations and /or presentations:
Contact your lecturer/tutor/subject coordinator if you would like feedback on your assessment. In accordance with University Policy marked assignments will usually only be held for 21 days after the declaration of marks for that assignment.
Section C: General Advice

Students should refer to the Faculty of Science, Medicine and Health website for information on policies, learning and support services and other general advice.

University Policies
Students should be familiar with the following University policies:

a. Code of Practice – Teaching and Assessment

b. Student Charter

c. Academic Integrity and Plagiarism Policy

d. Student Academic Consideration Policy

e. Course Progress Policy

f. Graduate Qualities Policy

g. Academic Complaints Policy (Coursework and Honours Students)

h. Policy and Guidelines on Non-Discriminatory Language Practice and Presentation

i. Children in the Workplace and Study Environment Policy

j. Intellectual Property Policy

Student Support Services and Facilities
Students can access information on student support services and facilities at the following link. This includes information on “Academic Support”, “Starting at University,” “Help at University” as well as information and support on “Career’s and Jobs”. http://www.uow.edu.au/student/services/index.html

Student Etiquette
Guidelines on the use of email to contact teaching staff, mobile phone use in class and information on the university guide to eLearning ‘Netiquette’ can be found at http://www.uow.edu.au/student/elearning/netiquette/index.html

Version Control Table

<table>
<thead>
<tr>
<th>Version Control</th>
<th>Release Date</th>
<th>Author/Reviewer</th>
<th>Approved By</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>21/5/2015</td>
<td>Dr Peter Thomas Subject Coordinator</td>
<td>Sonia Losinno ADE Nominee</td>
<td>Final NMIH206 Spring 2015 Subject Outline</td>
</tr>
<tr>
<td>2</td>
<td>15/07/2015</td>
<td>Dr Peter Thomas Subject Coordinator</td>
<td>Sonia Losinno ADE Nominee</td>
<td>Changes to Assessment 2 due date</td>
</tr>
</tbody>
</table>