Faculty of Health Sciences

Volume 9 1993
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On behalf of the staff of the Faculty of Health Sciences it is my pleasure to warmly welcome new and returning students, and to say a little about the Faculty, its philosophy and its programs.

The Faculty of Health Sciences offers a range of undergraduate and postgraduate programs which prepare professionals to work as health practitioners in hospitals, industries and community agencies, and most importantly as contributors to multiprofessional teams.

In Australia and the world today, health is no longer perceived as absence of illness or disease. Rather, it is a positive concept which emphasizes a state of complete physical, mental and social wellbeing. It is viewed as a resource for living, a means to an improved quality of life. This means less sickness and disability, happier families and social relationships, choices for individuals in work and leisure activities, participation of citizens in the formulation and implementation of health policies, and affordable and available health care for the whole community. Taking lessons from human ecology, the focus of health practitioners is now on the person in his/her total environment. This necessarily involves liaison well beyond the boundaries of traditional health care institutions and community health centres, and calls for cooperation between health and other public sector services, and between these services and the private sector. The built environment, the air we breathe, the water we drink, the food we eat, the pace at which we live, the conditions in which we work, live and play, and the people with whom we have contact all have an impact upon health and are the concern of health professionals today.

It should be no surprise, then, to see all of the above incorporated in one fashion or another into the coursework of each of our undergraduate and postgraduate programs.

Our concern at the undergraduate level is to develop competent beginning practitioners (e.g. radiographers, occupational therapists, consumer scientists, nutritionists and dietitians), who are secure in their unique professional role, but who understand the broad view of health and know how to work productively as members of multiprofessional teams. Substantial practical experience in the real world of hospitals and community facilities complements the academic components of each program and you are encouraged to identify your own learning needs and to develop your own learning skills through what we call a problem-based approach.

In addition to "clinical" and "fieldwork" skills, you will also develop an appreciation of research and know how to critically review the research literature relevant to your profession. This is of vital importance in view of our need to be accountable for what we do, how we do it, and the outcome which we obtain.

At the postgraduate level it is our aim to inspire qualified and experienced practitioners to become the innovators and change agents in the health system and to work energetically towards the achievement of the World Health Organization goal of "Health For All". As postgraduate students you are encouraged to adopt a partnership approach with the staff of the Faculty; this we believe is the best way to help you to tap your reservoir of experience and to apply it to your chosen area of specialization (be it rehabilitation counselling, clinical drug dependence studies, primary health care or health services management) and research in this field.

If this is your first year at university, doubtless many questions will cross your mind in relation to the program in which you are enrolled. These may relate to options upon graduation, your personal response (for whatever reason) to some aspect of your

Jenny Graham
Dean of Faculty
SECTION ONE

FACULTY OF HEALTH SCIENCES

SECTION ONE

FACULTY OF HEALTH SCIENCES

PRINCIPAL OFFICERS

Vice-Chancellor and Principal Professor K.J. Morgan, BSc, MA, DPhil(Oxf)
Deputy Vice-Chancellor (Academic) Professor M.P. Carter, BA(Not), PhD(Edin)
Deputy Vice-Chancellor (Administration) L.F. Hennessy, BA(Syd)
Deputy Vice-Chancellor (Planning) D.R. Huxley, BA, LitLib(NB), MA, PhD
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Deputy President of Academic Senate Professor F.L. Clarke, BSc, PhD(Syd), FCPA, ACIS, ACIM
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Assistant Dean (Curriculum) Vacant
Assistant Dean (Research) Dr. M. Honari, M.A., PhD(Edin)
Assistant Dean (Academic Resources) Mr. A.J. Buxton, DipAppSc (RMIT), MIR, ARMIT
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L. Hopkin
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S.I.Lyons, DipOT(Cumberland)

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A. Skol, MA(Carthe)

Departmental Office Staff
K. McCloud
S. Hislop
FACULTY INFORMATION

The Faculty of Health Sciences is a constituted academic body within the School of Health and it's purpose is to provide a dynamic environment for teaching, learning and research which:

- promotes the continuing lifelong development of its students, staff, and the external community;
- enables its students and staff to help improve the quality of life of individuals and communities; and
- enables its students and staff to develop the highest standards of vocational expertise and practice.

Based on an holistic philosophy of people and the way they interact with each other and the environment, the Faculty has a commitment to:

- achievement of standards of excellence in vocational/professional preparation and continuing education;
- encouragement of multi-disciplinary teaching, research and practice;
- social justice;
- developing resources to respond to varying health and social needs of the community;
- management practices which balance effectiveness and efficiency;
- shared participation in academic governance and academic freedom in the pursuit of knowledge; and
- continuing evaluation of the Faculty's programmes and their impact.

The Faculty is primarily located in the Bowman, Hunter and Richardson buildings and entry is via the Eastgate, located on University Drive (formerly Rankin Drive).

THE SCHOOL

The School of Health is a management unit of the University. The Director of the School is responsible to the Vice-Chancellor for a number of aspects of the management and resources of the School. The School is comprised of the Faculty of Nursing and the Faculty of Health Sciences.

THE FACULTY

The Faculty of Health Sciences consists of the following departments:

- Psychosocial Health Studies
- Applied Life Sciences
- Holistic Health Studies
- Health Professions (incorporating three Divisions - Occupational Therapy, Nutrition & Dietetics, Medical Radiation Technology)

The academic Heads of each Department/Division are listed in Section One.

THE FACULTY BOARD

The Faculty Board consists of the Faculty of Health Sciences is responsible for the academic affairs of the Faculty. The membership of the Faculty Board includes the academic staff of the Faculty, the Vice-Chancellor, the Director of the School, the Dean of the Faculty, the University librarian, and a range of other internal and external representatives, including students. The Dean is the Chair and Executive Officer of the Board.

DEGREES AND DIPLOMAS

The awards available to students within the Faculty of Health Sciences are as follows:

- Diploma of Applied Science (Medical Radiation Technology)
- Bachelor of Health Science (Occupational Therapy)
- Bachelor of Health Science (Nutrition and Dietetics)
- Bachelor of Applied Science (Consumer Science)
- Bachelor of Applied Science (Medical Radiation Technology)
- Diagnostic Radiography Strand
- Radiation Therapy Strand (not offered in 1993)
- Nuclear Medicine Strand
- Postgraduate Degrees and Diplomas
  - Graduate Diploma in Health Science (Primary Health Care)
  - Graduate Diploma in Health Science (Clinical Drug Dependence Studies)
  - Graduate Diploma in Health Science (Rehabilitation Counselling)
  - Graduate Diploma in Health Services Management
  - Master of Health Science (Primary Health Care)
  - Master of Health Science (Rehabilitation Counselling)
  - Master of Health Services Management

Information regarding these programmes is provided in Sections Five and Six of this Handbook.

COURSE COORDINATORS 1993

Undergraduate:

- Diploma of Applied Science (Medical Radiation Technology)
  - Mr Tony Buxton
- Bachelor of Applied Science (Medical Radiation Technology)
  - Mr Tony Buxton
- Bachelor of Health Science (Occupational Therapy)
  - Mr Trish Jacobs
- Bachelor of Health Science (Nutrition & Dietetics)
  - Ms Yvonne Webb
- Bachelor of Applied Science (Consumer Science)
  - Ms Irene Mauro

Postgraduate:

- Graduate Diploma/Masters in Health Science
  - (Occupational Therapy)
    - Mr James Knight
    - Ms Irene Mauro

- Graduate Diploma in Health Science (Clinical Drug Dependence Studies)
  - Mr Don Maxwell

- Graduate Diploma/Master of Health Services Management
  - Ms Catherine Wong

PROFESSIONAL RECOGNITION

The Bachelor of Health Science (Occupational Therapy) has been accredited with the Australian Association of Occupational Therapists and meets World Federation of Occupational Therapist requirements. The Bachelor and Diploma of Applied Science (Medical Radiation Technology) are accredited by The Australian Institute of Radiography and The Australian & New Zealand Society for Nuclear Medicine.

The Graduate Diploma of Health Science (Rehabilitation Counselling) has recognition by the Society of Rehabilitation Counsellors. The Bachelor of Health Science (Nutrition and Dietetics) is presently seeking accreditation with the Dietitians Association of Australia. The postgraduate Health Service Management program has recently received accreditation by the Australian College of Health Service Executives.

CENTRE FOR HUMAN ECOTOLOGY AND HEALTH ADVANCEMENT (C.H.E.A.H.)

Within the Faculty of Health Sciences the Centre for Human Ecology and Health Advancement aims to provide an environmental which enables professionals from a variety of disciplines to cooperate, exchange information and engage in research into health and human conditions through the holistic framework of human science.

The Centre has an Advisory Committee of members nominated by the Centre Director and invited by the Director of the School of Health, who will serve as the Committee Chair.

Further information on the Centre can be obtained from the Director, Dr Morteza Homari.

AWARDS AND PRIZES

Tomago Aluminium Scholarship:

This prize is awarded to the student, being enrolled in the Bachelor of Health Science (Occupational Therapy) course who is a resident of the Tomaree area and achieves the highest grade point average. Value: $500.00 per year.

Hunter Occupational Therapists Book Prize

The Hunter region Occupational Therapists Group offers a book prize to the final year Occupational Therapy student whose clinical performance has been outstanding. Value: $100.00

NSW Association of Occupational Therapists:

The NSW Association offers a prize for any final year occupational therapy student with the highest grade point average in Occupational Therapy practice over the duration of the course. Value: $100.00
ADVICE

Students requiring specific advice on their programs or contents of subjects in their course should seek help from members of the Faculty. For personal counselling and study skills training it is suggested that students consult the University Counselling Services.

Enquiries regarding enrolment, variation to program and general administrative problems should be directed to the Faculty Secretariat, Level 1, Bowman Building.

STUDENT PARTICIPATION IN UNIVERSITY AFFAIRS

Provision is made for students to be elected as members on Faculty Boards and other committees or bodies. Please watch the Departmental Notice Boards for details of elections of student members.

Faculty Policies are relevant to all students enrolled in programs within the Faculty and are to be read in conjunction with course programs, degree and diploma rules and other requirements of the University.

Students should note that Faculty policies do not remain static and enquires may be directed to the appropriate secretariat staff (presently located downstairs in the Bowman Building).

ENROLMENT

It is the responsibility of the student to ensure that they are appropriately enrolled in a program which meets currently applicable course requirements. Where approval of a Dean or Head of Department is required, this should be obtained prior to submitting a Variation of Program Form, and attached to, or indicated on, that form.

Note: you are not fully enrolled until you have completed the following steps:

(1) completed and returned an enrolment/re-enrolment form (including the statistics section);
(2) indicated to the University your HBCCS payment option (once you have completed your HBCCS payment option form, this payment option remains until you choose to alter your payment option); and
(3) paid all notified fees/finances as required by University Rules.

During the course of the academic year, students will receive a Confirmation of Enrolment, HBCCS Liability Accounts and possibly other letters confirming details of enrolment. Students are advised to check all details carefully. Failure to do so may result in errors in enrolment and may cost you money.

Adjusting Second Semester Enrolment

Enrolment in second semester subjects which require completion of first semester subjects to meet prerequisite, corequisite or assumed knowledge requirements is contingent upon successful completion of the relevant first semester subjects.

It is the responsibility of the student to apply to withdraw from any second semester subject for which they do not meet prerequisite, corequisite or assumed knowledge requirements unless a formal waiver of such requirements is received from the Head of Department offering the subject concerned within the first 2 weeks of second semester.
SECTION TWO

Students excluded from a course are excluded from only and may seek admission to other courses. These students the re-admission of the students subject to quota restrictions have who are unable to complete the course in the maximum time shall be made on the prescribed form available from the Cashier on the appropriate form, together with the prescribed charge for a review, by the due date.

EXCLUSION FROM A COURSE

Students who fail to maintain a satisfactory rate of progress or who are unable to complete the course in the maximum time shall have their progress reviewed by the Faculty Board. Students who have been excluded may apply after one academic year for re-admission to the course. If the Faculty Board is satisfied that the condition or circumstances of the students have so changed that there is reasonable probability that the students will make satisfactory progress in their studies, it may approve the re-admission of the students subject to quota restrictions and under such conditions as it may determine in consultation with the Dean of Faculty and relevant Course Co-ordinator.

Students excluded from a course are excluded from that course only and may seek admission to other courses. These students must show cause why they should be admitted to another course.

TRANSFERS

Courses in the Faculty of Health Sciences

Students of this University wishing to transfer into courses within the Faculty of Health Sciences must apply for admission by the appropriate mode by the relevant date. Selection for admission will be based on a overall academic performance in accordance with the general admission criteria of the University. (Admission as a transfer student is not automatic.) In addition, students applying to transfer into the Bachelor of Health Science (Nutrition and Dietetics) or the Bachelor of Applied Science (Medical Radiation Technology) (all strands) must satisfy the published subject prerequisites for admission.

Students transferring into the Bachelor of Health Science (Occupational Therapy) course on the basis of satisfactory completion of the common core health science strand (completed as part of enrollment in a related health science course) must first complete the first year profession specific subjects, prior to enrollment in second year.

Credit

Requests for credit in subjects on the basis of previous tertiary study (including T.A.F.E.) should accompany the application form for admission. This request must include all relevant detail of the previous study, including a certified transcript of studies and sufficient information about the content of those studies. All requests will be considered by the appropriate Head of Department/Division and approved by the Dean of the Faculty in accordance with general university admission requirements.

For students enrolled in the postgraduate Health Services Management program, the following credit policy has been adopted:

A candidate will not be permitted to enrol in subject(s) which are substantially equivalent to work completed by the candidate towards an approved completed qualification in this or any other tertiary institution. This candidate will be required to undertake alternative coursework as prescribed by the Board of Studies in Health Services Management.

Timetable

Under the Rules Governing Academic Awards, a candidate may not enrol in any year in a combination of subjects which is incompatible with the requirements of the timetable for that year. If such a clash results, students are advised to notify the relevant Head of Department.

In cases where there is a clash in the examinations timetable,

SCHEDULE OF BACHELOR DEGREE RULES

This Section contains the Rules Governing Academic Awards and Schedules to these Rules:

Diploma of Applied Science (Medical Radiation Technology)
Bachelor of Applied Science (Medical Radiation Technology)
Bachelor of Applied Science (Consumer Science)
Bachelor of Health Science (Nutrition & Dietetics)
Bachelor of Health Science (Occupational Therapy)

The approved subjects for each Schedule are listed in Section Five of this Handbook.

Rules Governing Academic Awards

Application of Rules

1. These Rules shall apply to all the academic awards of the University other than the degrees of Doctor and Master.

Interpretation

2. (1) In these Rules, unless the context or subject matter otherwise indicates or requires:

“award” means the degree, diploma (including graduate diploma and associate diploma) or graduate certificate for which a candidate is enrolled;

“course” means the total requirements of the program of study approved by the Academic Senate to qualify a candidate for the award as set out in the schedule;

“Dean” means the Dean of a Faculty;

“department” means the department offering a particular subject and includes any other body so doing;

“Faculty” means the Faculty responsible for the course;

“Faculty Board” means the Faculty Board of the Faculty;

“schedule” means the schedule to these Rules relevant to the award listed under the name of the Faculty;

“subject” means any part of a course for which a result may be recorded.

(2) A reference in these Rules to a Head of Department shall be read not only as a reference to the person appointed to that office but also where a subject is not offered by a department as such, to the person approved by the Academic Senate to undertake the responsibilities of a Head of Department for the purposes of these Rules.

Admission

3. An applicant for admission to candidature for an award shall satisfy the requirements of the University governing admission to and enrolment in a course and any other additional requirements as may be prescribed in the schedule for that award.

Subject

4. (1) For the purposes of a course, a subject may be classified at a level determined by the Faculty Board.

(2) Each subject shall be allotted a credit point value by the Academic Senate after considering the advice of the Faculty Board of the Faculty in which the department is located.

(3) The Academic Senate, after considering a request from a Faculty Board, may determine that a subject be not offered during a particular academic year.

(4) The Faculty Board shall approve the subjects for the award. Any change in the list of approved subjects which will have effect in the following year shall be approved by a date determined by the Academic Senate.
DIPLOMA OF APPLIED SCIENCE

Credit

(1) A Faculty Board may grant 6. (1) The Faculty Board on the recommendation of the Head SEC(3) Except with the permission of the Dean and subject to any contrary provision in the schedule: (a) a candidate may not enrol in subjects totalling more than the equivalent of 40 credit points in any semester; (b) a candidate shall not enrol in a subject which does not count towards the award; and (c) a candidate shall not be permitted to enrol in any subject which is substantially equivalent to one which that candidate has previously counted towards a degree or diploma.

(2) A candidate for an award shall not enrol in a course or part of a course for another award in this University unless consent has first been obtained from the Dean and, if another Faculty is responsible for the course leading to that other award, the Dean of that Faculty, provided that a student may enrol in a combined course approved by the Academic Senate leading to two awards.

PREREQUISITES AND COREQUISITES

6. (1) The Faculty Board on the recommendation of the Head of the Department may prescribe—requires and/or co—requires for any subject offered by that Department.

(2) Except with the permission of the Dean granted after considering any recommendation made by the Head of the Department, no candidate may enrol in a subject unless that candidate has passed any subjects prescribed as its pre—requires at any grade which may be specified and has already passed or concurrently enrolls in or is already enrolled in any subjects prescribed as its corequisites.

(3) Except with the permission of the Dean, a candidate will not have satisfied a pre—require if the pre—require subject has not been completed in the preceding eight calendar years.

(4) A candidate attaining a Terminating Pass in a subject shall be deemed not to have passed that subject for pre—require purposes.

CREDIT

7. (1) A Faculty Board may grant credit to a candidate in specified and unspecified subjects, on such conditions as it may determine, in recognition of work completed in the University or another institution approved by the Faculty Board for this purpose or additionally as may be provided in the schedule.

(2) Except as may be otherwise provided in the schedule, a candidate shall not be given credit for more than sixty—five percent of the total number of credit points required to complete the course.

SUBJECT REQUIREMENTS

8. (1) The subjects which may be completed in the course for the Award shall be those approved by the Faculty Board and published annually as the Approved Subjects section of the schedule.

(2) A candidate enrolled in a subject shall comply with such academic and practical requirements and submit such written or other work as the Department shall specify.

(3) Except as otherwise permitted by the Head of Department, any material presented by a candidate for assessment must be the work of the candidate and not have been previously submitted for assessment.

(4) To complete a subject a candidate shall satisfy published departmental requirements and gain a satisfactory result in such assessments and examinations as the Faculty Board shall require.

WITHDRAWALS

9. (1) A candidate may withdraw from a subject or the course only by informing the Academic Registrar in writing and the withdrawal shall take effect from the date of receipt of such notification.

(2) A student shall be deemed to have withdrawn from a subject if that student withdraws from the subject: (a) in the case of a semester length subject, before the Higher Education Contribution Scheme census date for that semester; or (b) in the case of a full year subject, before the Higher Education Contribution Scheme census date for that academic year.

(3) Except with the permission of the Dean: (a) a candidate shall not be permitted to withdraw from a subject after the relevant date which shall be: (i) in the case of a semester length subject, the last day of that semester; or (ii) in the case of a full year subject, the last day of second semester; and (b) a candidate shall not be permitted to withdraw from a subject on more than two occasions.

LEAVE OF ABSENCE

10. (1) Subject to any provision in the schedule, a candidate in good academic standing in the course: (a) may take leave of absence of one year from the course; or (b) with the permission of the Dean, may take leave of absence of two consecutive years from the course without prejudice to any right of the candidate to re—enrol in the course following such absence and with full credit in all subjects successfully completed prior to the period of leave.

QUALIFICATION FOR THE AWARD

11. (1) To qualify for the award a candidate shall satisfactorily complete the requirements governing the course prescribed in the schedule.

(2) A subject which has been counted towards a completed award may not be counted towards another award, except to the extent that the Faculty Board may approve.

COMBINED DEGREE PROGRAMS

12. (1) Where so prescribed for a particular course, a candidate may complete the requirements for one Bachelor degree in conjunction with another Bachelor degree by completing a combined degree program approved by the Academic Senate on the advice of the Faculty Board and, where the other Bachelor degree is offered in another Faculty, the Faculty Board of that Faculty.

(2) Admission to a combined degree program shall be restricted to candidates who have achieved a standard of performance deemed satisfactory for the purposes of admission to the specific combined degree course by the Faculty Board(s).

(3) The work undertaken by a candidate in a combined degree program must be no less in quantity and quality than if the two courses were taken separately.

(4) To qualify for admission to the two degrees a candidate shall satisfy the requirements for both degrees, except as may be otherwise provided.

RELAXING PROVISION

13. In order to provide for exceptional circumstances arising in a particular case, the Academic Senate on the recommendation of the Faculty Board may relax any provision of these Rules.

SCHEDULE — BACHELOR OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)

SPECIALISATIONS

1. The program of studies for the degree shall be pursued in one of the following specialisations: Diagnostic Radiography Nuclear Medicine Radiation Therapy

ADMISSION TO CANDIDATURE

2. Applicants who satisfy the academic requirements for admission to candidature shall be required to undertake a selection assessment.

3. (1) The selection assessment shall consist of: (a) the submission of such written work; and (b) the attendance at such interviews as the Faculty Board shall determine.

(2) Applicants who do not submit work or attend the University as required as part of the selection assessment shall be deemed to have withdrawn their applications unless a reason acceptable to the Academic Registrar is provided.

4. Applicants shall be ranked in descending order of merit for each specialisation on the basis of previous academic performance and results determined by the Faculty Board arising out of the selection assessment.

5. The Academic Registrar shall ensure that offers of admission are made in descending rank order to applicants ranked under clause 4, such that the places available in the course each year are filled.

QUALIFICATION FOR ADMISSION TO THE DEGREE

6. To qualify for admission to the degree a candidate shall pass the program of study approved by the Faculty Board consisting of subjects totalling 240 credit points.

GRADING OF THE DEGREE

7. The degree shall be conferred as an ordinary degree except that, where the performance of a candidate has reached a standard determined by the Faculty Board to be of sufficient merit, the degree may be conferred with Merit.

CREDIT

8. In addition to the provisions of Rule 7 of the Rules Governing Academic Awards, a candidate who has completed the requirements for the award of the Diploma of Applied Science (Medical Radiation Technology) in the same specialisation may be granted credit by the Faculty Board for all subjects passed in that course.

TIME REQUIREMENTS

9. (1) Except with the permission of the Dean, a candidate shall complete the course in not more than four years of study.

(2) A candidate who has been granted credit shall be deemed to have commenced the course from a date determined by the Dean at the time the credit is granted.

SCHEDULE — DIPLOMA OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)

SPECIALISATIONS

1. The program of studies for the diploma shall be pursued in one of the following specialisations: Diagnostic Radiography Nuclear Medicine Radiation Therapy

ADMISSION TO CANDIDATURE

2. Applicants who satisfy the academic requirements for admission to candidature shall be required to undertake a selection assessment.

3. (1) The selection assessment shall consist of: (a) the submission of such written work; and (b) the attendance at such interviews as the Faculty Board shall determine.

1 This course has been replaced by the Bachelor of Applied Science (Medical Radiation Technology). No commencing students will be admitted to this program.
Qualification for Award of the Diploma
2. To qualify for the award of the diploma a candidate shall pass the program of study approved by the Faculty Board, consisting of subjects totalling 240 credit points.

Grading of Degree
3. The degree shall be conferred as an ordinary degree except that, in a case where a candidate's performance in the program has reached a level determined by the Faculty Board to be of sufficient merit, the diploma may be awarded with Merit.

Time Requirements
4. (1) Except with the permission of the Dean, a candidate shall complete the course in not more than four years of study.
(2) A candidate who has been granted credit shall be deemed to have commenced the course from a date determined by the Dean at the time the credit is granted.

SCHEDULE — BACHELOR OF APPLIED SCIENCE
(CONSUMER SCIENCE)
Qualification for Admission to the Degree
1. (1) To qualify for admission to the degree a candidate shall pass subjects totalling 240 credit points selected from the list of Approved Subjects, including the prescribed subjects unless the Faculty Board approves otherwise in a particular case.
(2) The subjects passed shall include:
   (a) at least 80 credit points from 100 level subjects;
   (b) at least 70 credit points from 200 level subjects;
   (c) at least 60 credit points from 300 level subjects; and
   (d) 20 credit points from approved electives.
Grading of Degree
2. The degree shall be conferred as an ordinary degree except that, where the performance of a candidate has reached a standard determined by the Faculty Board to be of sufficient merit, the degree may be conferred with Merit.

Time Requirements
3. (1) Except with the permission of the Faculty Board, a candidate shall complete the course in not less than three years and not more than eight years of study.
(2) A candidate who has been granted credit shall be deemed to have commenced the course from a date determined by the Dean at the time the credit is granted.

SCHEDULE — BACHELOR OF HEALTH SCIENCE
(NUTRITION & DIETETICS)
Admission to Candidature
1. Except in cases where they meet the published selection criteria determined by the Faculty Board, applicants for admission to candidature shall be required to undertake selection assessment.
2. (1) The selection assessment shall consist of:
   (a) the submission of such written work; and
   (b) the attendance at such interviews as the Faculty Board shall determine.
(2) Applicants who do not submit work or attend the University as required as part of the selection assessment shall be deemed to have withdrawn their applications unless a reason acceptable to the Academic Registrar is provided.

Ranking for Selection
3. Applicants shall be ranked in descending order of merit on the basis of either:
   (a) academic performance based on the selection criteria determined under clause 1; or
   (b) academic performance and results determined by the Faculty Board arising out of the selection assessment.

Offers of Admission
4. (1) The Academic Registrar shall ensure that offers of admission to the degree are made in descending rank order to applicants ranked under clause 3, such that the places available in the course each year are filled.
(2) The Faculty board shall determine how many places in the course should be filled from applicants ranked under parts (a) and (b) of clause 3 respectively.

Qualification for Admission to the Degree
5. To qualify for admission to the degree a candidate shall pass the program of study approved by the Faculty Board totalling 280 credit points.
Grading of Degree
6. The degree shall be conferred as an ordinary degree except that, in a case where a candidate's performance in the program has reached a level determined by the Faculty Board to be of sufficient merit, the degree may be conferred with Honours.

Time Requirements
7. (1) Except with the permission of the Faculty Board, a candidate shall complete the course within five years of study from the date of commencement.
(2) A candidate who has been granted credit shall be deemed to have commenced the course from a date determined by the Dean at the time the credit is granted.
SCHEDULE OF POSTGRADUATE DEGREE AND DIPLOMA RULES

This Section contains the Rules Governing Masters Degrees and the Schedules to the rules governing the following postgraduate programs:

Graduate Diploma in Health Science
(Primary Health Care)
(Clinical Drug Dependence Studies)
(Rehabilitation Counselling)

Graduate Diploma in Health Services Management

Master of Health Science*
(Primary Health Care)
(Rehabilitation Counselling)

Master of Health Services Management*

It is also recommended that reference be made to the Rules Governing Academic Awards (for awards other than Doctor and Master) located at the beginning of Section Three of this Handbook.

RULES GOVERNING MASTERS DEGREES

Part I — General


2. In these Rules and the Schedules thereto, unless the context or subject matter otherwise indicates or requires:

"Faculty Board" means the Faculty Board of the Faculty responsible for the course in which a person is enrolled or is proposing to enrol;

"program" means the program of research and study prescribed in the Schedule;

"Schedule" means the Schedule of these Rules pertaining to a degree of Bachelor in the University of Newcastle as specified in the Schedule;

"Thesis" means any thesis or dissertation submitted by a candidate.

3. These Rules shall not apply to degrees conferred honoris causa.

4. A degree of Master shall be conferred in one grade only.

2. An application for admission to candidature for a degree of Master shall be made on the prescribed form and lodged with the Secretary to the University by the prescribed date.

3. (1) To be eligible for admission to candidature an applicant shall:

(a) (i) have satisfied the requirements for admission to a degree of Bachelor in the University of Newcastle as specified in the Schedule; or

(ii) have satisfied the requirements for admission to a degree or equivalent qualification, approved for the purpose by the Faculty Board, in another tertiary institution; or

(iii) have such other qualifications and experience as may be approved by the Academic Senate on the recommendation of the Faculty Board or otherwise as may be specified in the Schedule; and

(b) have satisfied such other requirements as may be specified in the Schedule.

(2) Unless otherwise specified in the Schedule, applications for admission to candidature shall be considered by the Faculty Board which may approve or reject any application.

(3) An applicant shall not be admitted to candidature unless adequate supervision and facilities are available. Whether these are available shall be determined by the Faculty Board unless the Schedule otherwise provides.

4. To qualify for admission to a degree of Master a candidate shall enrol and satisfy the requirements of these Rules including the Schedule.

5. The program shall be carried out:

(a) under the guidance of a supervisor or supervisors either appointed by the Faculty Board or as otherwise prescribed in the Schedule; or

(b) as the Faculty Board may otherwise determine.

6. Upon request by a candidate the Faculty Board may grant leave of absence from the course. Such leave shall not be taken into account in calculating the period for the program prescribed in the Schedule.

7. (1) A candidate may withdraw from a subject or course only by informing the Secretary to the University in writing and such withdrawal shall take effect from the date of receipt of such notification.

(2) A candidate who withdraws from any subject after the relevant date shall be deemed to have failed in that subject unless granted permission by the Dean to withdraw without penalty. The relevant date shall be:

(a) in the case of a subject offered only in the first semester, the Monday of the 9th week of the semester;

(b) in the case of a subject offered only in the second semester, the Monday of the 9th week of the semester;

(c) in the case of any other subject, the Monday of the 3rd week of the semester.

8. (1) If the Faculty Board is of the opinion that the candidate is not making satisfactory progress towards the degree then it may terminate the candidature or place such conditions on its continuation as it deems fit.

(2) For the purpose of assessing a candidate's progress, the Faculty Board may require candidates to submit a report or reports on their progress.

9. In exceptional circumstances arising in a particular case, the Academic Senate, on the recommendation of the Faculty Board, may relax any provision of these Rules.

Part II — Examination and Results

10. The Examination Rules approved from time to time by the Council shall apply to all examinations with respect to a degree of Master with the exception of the examination of a thesis which shall be conducted in accordance with the provisions of Rules 12 to 16 inclusive of these Rules.

11. The Faculty Board shall consider the results in subjects, the reports of examiners and any other recommendations prescribed in the Schedule and shall decide:

(a) to recommend to the Council that the candidate be admitted to the degree; or

(b) in a case where a thesis has been submitted, to permit the candidate to resubmit an amended thesis within three months of the date on which the candidate is advised of the result of the first examination or within such longer period of time as the Faculty Board may prescribe; or

(c) to require the candidate to undertake such further oral, written or practical examinations as the Faculty Board may prescribe; or

(d) not to recommend that the candidate be admitted to the degree, in which case the candidature shall be terminated.

Part III — Provisions Relating to Theses

12. (1) The subject of a thesis shall be approved by the Faculty Board on the recommendation of the Head of the Department in which the candidate is carrying out the research for the thesis.

(2) The thesis shall not consist of its main content any work or material which has previously been submitted by the candidate for a degree in any tertiary institution unless the Faculty Board otherwise permits.

13. The candidate shall give to the Secretary to the University three months' written notice of intention to submit a thesis and such notice shall be accompanied by any prescribed fee.

14. (1) The candidate shall comply with the following provisions concerning the presentation of a thesis:

(a) the thesis shall contain an abstract of approximately 400 words describing its contents;

(b) the thesis shall be typed and bound in a manner prescribed by the University;
GRADUATE SCHEDULE

SECTION FOUR

RULES GOVERNING POSTGRADUATE COURSES

3. The Faculty Board shall appoint a member who is a member of academic staff:

(i) to indicate or require:

(a) the main content of the thesis has not been submitted by the candidate for a degree of any other tertiary institution; and

(ii) the thesis is of such sufficient academic merit to warrant examination;

(iii) if the candidate so desires, any documents or published work of the candidate whether bearing on the subject of the thesis or not.

2. The Faculty Board shall determine the course of action to be taken should the certificate of the supervisor indicate that in the opinion of the supervisor the thesis is not of such sufficient academic merit to warrant examination.

15. The University shall be entitled to retain the submitted copies of the thesis, accompanying documents and published work. The University shall be free to allow the thesis to be consulted or borrowed and, subject to the provisions of the Copyright Act, 1968 (Comm), may issue it in whole or any part in photocopy or microfilm or other copying medium.

16. (1) For each candidate two examiners, at least one of whom shall be an external examiner (being a person who is not a member of the staff of the University), shall be appointed by the Faculty Board or otherwise as prescribed in the Schedule.

(2) If the examiners' reports are such that the Faculty Board is unable to make any decision pursuant to Rule 11 of these Rules, a third examiner shall be appointed by the Faculty Board or otherwise as prescribed in the Schedule.

SCHEDULE—GRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT

Admission to Candidature

3. (1) Applicants for admission to candidature will be required to nominate the specialisation in which they wish to pursue their program of study.

(2) In order to be admitted to candidature for the award, an applicant shall:

(a) have completed the requirements for admission to a degree of the University; or

(b) have completed the requirements for admission to a degree at any other institution recognised by the Faculty Board; or

(c) hold such other qualifications approved by the Faculty Board for the purpose of admission to candidature.

(3) The co-ordinator shall, after considering an applicant's previous academic performance in relevant studies, and any relevant professional or practical experience, make recommendations to the Faculty Board as to the applicant's suitability for admission to candidature. The Faculty Board shall either:

(a) approve admission to candidature; or

(b) approve admission to candidature subject to the applicant completing, to the satisfaction of the Faculty Board, such prerequisite and/or corequisite studies as it may prescribe; or

(c) reject the application.

Qualification for the Diploma

4. To qualify for the award of the diploma in a specialisation, a candidate shall pass the program of study approved by the Faculty Board for that specialisation totalling 80 credit points.

Time Requirements

5. (1) Except with the permission of the Faculty Board, a candidate shall complete the course within three years of study from the date of commencement.

(2) A candidate who has been granted credit shall be deemed to have commenced the course from a date determined by the Dean at the time the credit is granted.

Transfer of Candidacy from Related Master Degree Program

6. (1) A student enrolled as a candidate for the Master of Health Science degree who is permitted to withdraw from the degree course under Rule 13 of the Rules Governing Master degrees or whose candidature is terminated under Rule 11 of those Rules may be permitted by the Faculty Board to enrol as a candidate for the diploma.

(2) A student who wishes to enrol as a candidate for the diploma under sub-clause (1) shall apply in writing, addressed to the Academic Registrar for permission to do so.

(3) A student permitted to enrol as a candidate for the Diploma under the provisions of sub-clause (1) may count any subjects passed while enrolled as a candidate for the Master Degree towards the diploma.

SCHEDULE—GRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT

Admission to Candidature

2. (1) An applicant for admission to candidature shall:

(a) have completed at least two years of work experience in a field of health services; and

(i) have satisfied the requirements for admission to a degree of Bachelor or equivalent qualification in the University; or

(ii) have satisfied the requirements for admission to a degree or equivalent qualification, approved for this purpose by the Board of Studies, in another tertiary institution; or

(b) in exceptional cases provide evidence of possessing such qualifications or experience as the Board may prescribe.

(2) Notwithstanding sub-clause (1) the Board shall consider each application and if it is of the opinion that the applicant's academic preparation is not sufficient to enable the satisfactory completion of the course may:

(a) require the applicant to complete such prerequisite and/or corequisite studies as it may prescribe; or

(b) reject the application.

Qualification for the Diploma

3. To qualify for the award of the Diploma a candidate shall complete the program of study approved by the Board totalling 80 credit points.

Time Requirements

4. The course shall be completed in not less than one year and not more than three years.

Transfer of Candidacy from Related Master Degree Program

5. (1) A student enrolled as a candidate for the Master of Health Services Management who is permitted to withdraw from the degree course under Rule 13 of the Master Degrees Rules or whose candidature is terminated under Rule 11 of those Rules may be permitted by the Board to enrol as a candidate for the diploma.

(2) A student who wishes to enrol as a candidate for the diploma under sub-clause (1) shall apply in writing, addressed to the Academic Registrar for permission to do so.
APPROVED SUBJECTS FOR EACH UNDERGRADUATE PROGRAM AND OTHER COURSE DETAILS

UNDERGRADUATE DIPLOMA
Note: Students enrolled prior to 1992 (ie continuing students only) in Medical Radiation Technology - the Year One (100 level) subjects will be offered for the last time in 1993, given that the course is being phased out.

DIPLOMA OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)
- Diagnostic
- Radiation Therapy
- Nuclear Medicine

Duration: 3 years full time
Availability: On Campus (continuing students only. No further intakes).
Attendance: Full-time
Total Credit Points: 240
Course Co-ordinator: Mr Tony Buxton

APPROVED PROGRAM OF STUDY
Year 1
RA111S Principles of Patient Care 80
RA116N Principles of Patient Care 5

Year 2
RA214S Imaging Instrumentation I 10
RA215S Anatomy and Physiology II 15
RA216S Techniques and Surface Anatomy II 15
RA217S Pathology 10
RA218S Clinical Studies II 20
RA219W Behavioural Studies 80

Year 3
RA316S Techniques and Surface Anatomy III 25
RA317S Studies in Ultrasound 15
RA318S Cross Sectional Anatomy 10
RA319W Bioethical & Social Issues in Health Care 10
RA320S Clinical Studies III 20
RA321S Radiation Therapy Practice II 15
RA322S Principles of Oncology 15
RA323S Tumour Pathology 10

Year 4
RA324S Radiation Therapy Practice III 5
RA325S Nuclear Medicine Principles II 5
RA326S Nuclear Medicine Practice II 15

BACHELOR DEGREES
This section contains the course programmes which have been approved by the Faculty Board in accordance with the schedules to rules governing undergraduate degrees in Occupational Therapy, Nutrition and Dietetics, Consumer Science and Medical Radiation Technology. Verification and specific requirements for these courses can be directed to the Faculty Secretarial or Course Co-ordinator as indicated.

BACHELOR OF HEALTH SCIENCE (OCCUPATIONAL THERAPY)
Duration: 3.5 years full-time
Availability: On Campus
Attendance: Full-Time
Total Credit Points: 280
Course Co-ordinator: Ms Patricia Jacobs
Course Description: The Bachelor of Health Science (Occupational Therapy) is one of several health professional education programs developed by the Faculty of Health Sciences, which adopts a common core plus professional strand design. The common core subjects are applicable to all undergraduate health practitioner programs and those of the professional strand cover all professional preparation requirements.

APPROVED PROGRAMS - UNDERGRADUATE

Year 1
HOLH101 Health 1 10
PSHS101 Health Psychology I 10
PSHS102 Health Sociology I 10
ALSCI02 Human Bioscience IA 15
ALSCI08 Human Anatomy I (O/T) 10
OCCT101 Occupational Therapy Practice 1 15
PROP101 Professional Practice (O/T) 10

Year 2
HOLH201 Health 2 10
ALSCI02 Human Bioscience IA 10
OCCT201 Occupational Therapy Practice 2 50
PSHS202 Health Psych/Soc. 2 (O/T) 50

Year 3
HOLH301 Health 3 10
OCCT303 Elective (O/T) 10
OCCT501 Occupational Therapy Practice 3 50
PSHS302 Health Psych/Soc. 3 (O/T) 10

Year 4
HOLH400 Health 4 (O/T) 5
OCCT401 Occupational Therapy Practice 4 35

The design is in line with current thinking in both health and tertiary education spheres. The core rationale aims to foster breadth of vision on health issues, and to develop problem solving abilities, communication skills and ability to cope with conflict and change. It includes consideration of professional role boundaries and encourages clearer definition of the roles of different health practitioners in a number of practice domains. Essentially, the focus is on a multidisciplinary, holistic approach to health, taking into account Australia's current health inequalities and health goals. The Occupational Therapy dedicated material aims to produce competent occupational therapy practitioners who will be able to function safely and effectively in any domain of occupational therapy practice.

Continuing students note: years 2, 3 and 4 contain changes in subject codes and structure.

All subjects are full year subjects (ie Semester 3) with the exception of the two Year Four subjects which are Semester one only.
Approved Programs - Undergraduate

BACHELOR OF HEALTH SCIENCE (NUTRITION & DETERGENTS)

Duration: 4 years full-time
Availability: On-campus
Attendance: Full-time
Total Credit Points: 320
Course Director: Ms. Yvonne Webb

Course Description:
A four-year integrated course, this degree comprises strands of study in Health, Social Sciences, Biological and Medical Sciences, Institutional Catering and Management, and Nutrition and Dietetics. The approach is to develop problem-solving and communication skills and is based on a holistic approach to health.

Students will be required to complete over 800 hours of supervised practice in a variety of settings.

Continuing students note: Years 2, 3, and 4 contain changes in subject codes and structure.

All subjects are full-year subjects (ie. Semester 3) with the exception of ALSC104, which is Semester Two.

Course Outline

Year 1

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BACHELOR OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)

- DIAGNOSTIC STRAND
- RADIATION THERAPY STRAND
- NUCLEAR MEDICINE STRAND

Note: All subjects are full-year in Years 1 and 2, with the exception of MRTC106/107 (Semester 2) and MRTC107 (Semester 1)

Year 1 - Common to all Strands

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<td>ALSC204</td>
<td>Pathology for MRT</td>
<td>10</td>
</tr>
<tr>
<td>MRTC205</td>
<td>Clinical Studies II</td>
<td>15</td>
</tr>
<tr>
<td>PSBS206</td>
<td>Applied Behavioural Studies for MRT</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Year 2 Total Credit Points</td>
<td>80</td>
</tr>
</tbody>
</table>

Year 2 - Radiation Therapy Strand

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRTC207</td>
<td>Radiation Therapy Instrumentation</td>
<td>10</td>
</tr>
<tr>
<td>MRTC208</td>
<td>Radiation Therapy Techniques I</td>
<td>20</td>
</tr>
<tr>
<td>ALSC203</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>15</td>
</tr>
<tr>
<td>MRTC205</td>
<td>Clinical Studies II</td>
<td>15</td>
</tr>
<tr>
<td>PSBS206</td>
<td>Applied Behavioural Studies for MRT</td>
<td>10</td>
</tr>
<tr>
<td>ALSC204</td>
<td>Pathology for MRT</td>
<td>10</td>
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<tr>
<td></td>
<td>Year 2 Total Credit Points</td>
<td>80</td>
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Year 2 - Nuclear Medicine Strand

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ALSC203</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>15</td>
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<tr>
<td>ALSC204</td>
<td>Pathology for MRT</td>
<td>10</td>
</tr>
<tr>
<td>MRTC205</td>
<td>Clinical Studies II</td>
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</tr>
<tr>
<td>PSBS206</td>
<td>Applied Behavioural Studies for MRT</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Year 2 Total Credit Points</td>
<td>80</td>
</tr>
</tbody>
</table>

BACHELOR OF APPLIED SCIENCE (CONSUMER SCIENCE)

Duration: 3 years full-time/6 years part-time
Availability: On-campus
Total Credit Points: 240
Course Coordinator: Ms. Irene Murdo

Course Description:
Amendment to the course structure was approved in June 1992. Students commencing in 1992 or prior to that year will follow a transition program. Check these transition arrangements below. Students commencing in 1993 should follow the program identified for them.

The course is designed to produce specialists for consumer industries and organisations, such as food, textiles and apparel.

Graduates will act as communicators between producers and consumers, determining consumer needs and wants; developing, promoting and marketing products; and assisting consumers to make informed choices when purchasing products.

Graduates of the course will have knowledge of:
- current technology pertaining to a wide range of food and textile-related consumer products;
- consumer characteristics, consumer rights and responsibilities and consumer law;
- commerce and business;
- modes of communication necessary to effectively implement integrated action programmes;
- consumer and the environment.

Approved Program of Study

Note: Where a subject code has changed the alias for the subject is indicated in brackets after the subject name.

1. Approved Program for Students Commencing in 1991

<table>
<thead>
<tr>
<th>Set Subject</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF101S</td>
<td>Food and Textile Science</td>
</tr>
<tr>
<td>AF102S</td>
<td>Food and Nutrition I</td>
</tr>
<tr>
<td>AF103S</td>
<td>Textiles and Apparel Technology</td>
</tr>
<tr>
<td>MNGT230</td>
<td>Marketing Principles (BU112B)</td>
</tr>
<tr>
<td>AF201S</td>
<td>Consumer Studies</td>
</tr>
</tbody>
</table>

2. Approved Program for Students Commencing in 1992

<table>
<thead>
<tr>
<th>Set Subject</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTS234</td>
<td>Computer Technology II (IP INFO101)</td>
</tr>
<tr>
<td>MNGT227</td>
<td>Human Resource Management (BU223B)</td>
</tr>
<tr>
<td>NUD207</td>
<td>Food Science II (AF201S, ALSC207)</td>
</tr>
<tr>
<td>NUD208</td>
<td>Applied Nutrition II (AF202S, ALSC208)</td>
</tr>
<tr>
<td>AF203S</td>
<td>Textile Technology II</td>
</tr>
<tr>
<td>AF204S</td>
<td>Apparel Technology II</td>
</tr>
<tr>
<td>NUD204</td>
<td>Food Technology (AF201S)</td>
</tr>
<tr>
<td>NUD205</td>
<td>Applied Nutrition III (AF203S)</td>
</tr>
<tr>
<td>AF303S</td>
<td>Textile Performance</td>
</tr>
<tr>
<td>AF304S</td>
<td>Apparel Technology III</td>
</tr>
<tr>
<td>MNGT238</td>
<td>Advertising and Promotion Management</td>
</tr>
<tr>
<td>Approved Elective(s)</td>
<td>150</td>
</tr>
</tbody>
</table>

Total 240 credit points
**SECTION FIVE**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>APPROVED PROGRAMS - UNDERGRADUATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNGT111</td>
<td>Introduction to Management and Organisational Behaviour (BU112B) 10</td>
</tr>
<tr>
<td>MNGT230</td>
<td>Marketing Principles (BU112B) 20</td>
</tr>
<tr>
<td></td>
<td>(Subject to Annual Review and Amendment)</td>
</tr>
<tr>
<td></td>
<td>STAT101 Introductory Statistics 10</td>
</tr>
<tr>
<td></td>
<td>ASTK334 Computer Technology III 10</td>
</tr>
<tr>
<td></td>
<td>BIOL201 Biochemistry 10</td>
</tr>
<tr>
<td></td>
<td>GEOG102 Introduction to Human Geography 10</td>
</tr>
<tr>
<td></td>
<td>GBOL101 The Environment 10</td>
</tr>
<tr>
<td></td>
<td>MNGT231 Marketing Research 10</td>
</tr>
<tr>
<td></td>
<td>MNGT338 Advertising and Promotions Management 10</td>
</tr>
<tr>
<td></td>
<td>INFO101 Introduction to Information Systems 10</td>
</tr>
</tbody>
</table>

Subjects to the value of 160 credit points to be selected from:

<table>
<thead>
<tr>
<th>credit points</th>
<th>APPROVED ELECTIVES FOR STUDENTS ENROLLED IN THE BACHELOR OF APPLIED SCIENCE (CONSUMER SCIENCE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF103S</td>
<td>Textile and Apparel Technology I 20</td>
</tr>
<tr>
<td>ASTK334</td>
<td>Computer Technology III or INFO101 Introduction to Information Systems 10</td>
</tr>
<tr>
<td>MNGT227</td>
<td>Human Resource Management (BU223B) 10</td>
</tr>
<tr>
<td>NUD207</td>
<td>Food Science II (AF201S) 20</td>
</tr>
<tr>
<td>NUD208</td>
<td>Applied Nutrition II (AF202S) 20</td>
</tr>
<tr>
<td>AF203S</td>
<td>Textile Technology II 20</td>
</tr>
<tr>
<td>AF204S</td>
<td>Apparel Technology II 20</td>
</tr>
<tr>
<td>AF303S</td>
<td>Textile Performance 20</td>
</tr>
<tr>
<td>AF304S</td>
<td>Apparel Technology III 20</td>
</tr>
<tr>
<td>NUD304</td>
<td>Food Technology (AF301S) 20</td>
</tr>
<tr>
<td>NUD305</td>
<td>Applied Nutrition III (AF302S) 20</td>
</tr>
<tr>
<td>MNGT338</td>
<td>Advertising and Promotions Management 10</td>
</tr>
<tr>
<td></td>
<td>Approved Elective(s) 20</td>
</tr>
<tr>
<td></td>
<td>Total 240 credit points</td>
</tr>
</tbody>
</table>

**SECTION SIX**

**APPROVED SUBJECTS FOR EACH POSTGRADUATE PROGRAM AND OTHER COURSE DETAILS**

This section contains the course programmes which have been approved by the Faculty Board in accordance with regulations governing Postgraduate Diplomas and Masters Degree in the Faculty of Health Sciences for Primary Health Care, Clinical Drug Dependency Studies, Rehabilitation Counselling and Health Services Management. Verification of details and specific requires for these course can be directed to the Faculty Secretary or Course Co-ordinator as indicated.

**Continuing Students**

Please note that all subject codes have been amended. The "old" subject code is indicated as an alias to assist in determining your program.

**GRADUATE DIPLOMA IN HEALTH SCIENCE**

(Primary Health Care) (Clinical Drug Dependency Studies) (Rehabilitation Counselling)

*Duration: 2 years part-time or equivalent full-time*

*Availability: On campus*

*Total Credit Points: 80*

**Course Coordinators**

Mr. J. Knight (Primary Health Care)

Mr. D. Maxwell (Clinical Drug Dependency Studies)

Dr. I. Ehiohuene (Rehabilitation Counselling)

The Graduate Diploma in Health Science is a postgraduate programme which follows a pattern of common core studies plus professional specialisations. The course will be offered on a part-time basis over two years and, subject to demand, may be offered full-time over one year. The Graduate Diploma is based on an educational philosophy which advocates a focus on illness prevention and health promotion in the curricula of all health professionals. The common core addresses the need for health professionals and those from related disciplines to have access to studies which emphasise equally the problems of social risk, imposition and individual risk taking, and commensurately health protection and prevention approaches. Additionally the core emphasises education for multidisciplinary problem solving, clear specification of intended outcomes and the respective contribution of the different professions.

In order to adequately understand the whole health context and to work effectively within it, health professionals also need an appreciation of the structure and functions of the organisations, authorities and other components which make up the health care system at national, state and local levels. It follows that health professionals also require skill in designing studies to collect data which will inform health service provision, and in analysing and interpreting this data. Students will specialise in one of the three areas of study.

**Primary Health Care**

Primary Health Care addresses the fundamental aspects of good health for individuals and populations in society and is founded upon the philosophies of Health Care incorporated in the World Health Organisation Charters of Alma Ata (1978), Ottawa (1986) and Liverpool (1988).

It is informed by a definition of health which emphasises quality of life within a human ecology framework. It focuses on holistic health issues and on policies concerning social changes which can alter behaviour patterns to improve health. The impact of health on policies and actions outside the health sector and how individuals and communities can be encouraged to alter their lifestyles to improve their own health is also addressed.

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APPROVED PROGRAMS· POSTGRADUATES

SECTION SIX

Solving Strategies in Primary Health Care.

Those people working in primary health care might include health sUlVeyors, health promotion personnel, doctors, nurses, dental health therapists, the police, public housing authorities, public health authorities, geographers, welfare workers, family and community health workers, refuge workers, members of local, health authorities, community midwives, and hospital based health services.

APPROVED PROGRAM OF STUDY· PRIMARY HEALTH CARE

Year 2
HOLH532 Primary Health Care Planning and Practice [HS] 30
HOLH533 Directed Study [HS] 10
or
Approved 10
or
Effective 40

Clinical Drug Dependence Studies

The Clinical Drug Dependence Studies specialisation aims to identify and present a body of knowledge and skills common to a group of workers who come into the drug and alcohol field from a diversity of academic and experiential backgrounds and who will operate within at different levels and in different capacities. Competent workers in the drug and alcohol field need to have basic knowledge of human physiology, pharmacology, psychology and sociology and they need in-depth knowledge of the sociology of dependence and of the principles of treatment. On the skills side, they need to be able to liaise with the many relevant facilities available, to act as competent counsellor therapists, and to clarify and assess their own personal values.

APPROVED PROGRAM OF STUDY· CLINICAL DRUG DEPENDENCE STUDIES

Subject Code Name [Alias] Credit Points
Year 1
PSHS511 Basic Process [HS] 10
PSHS512 Counselling Theory and Procedures [HS] 20
HOLH502 Health Research Design [HS] 10

Year 2
PSHS513 Treatment and Prevention [HS] 10
PSHS514 Advanced Counselling [HS] 10
HOLH501 Holistic Health [HS] 20

Rehabilitation Counselling

The Rehabilitation Counselling specialisation will include theoretical and practical approaches to understanding policies and legislations, communication and counselling, group-dynamics and team-work, as well as functional disability of a wide range of disorders, injuries, and barriers to living independently. The process of reorienting individuals to optimal functioning includes physical, psychological and vocational aspects.

The Rehabilitation Counsellor will work with the individual to examine the consequences for rehabilitation of the injury and consider the development of rehabilitation and of the impact on health. The focus is on assessing individuals to adjust to limitations and maximise their potential.

There are also many discrete systems which play a vital role in rehabilitation. These systems result in a complex interplay of forces on the client and include the workplace, the insurer, the family and the health system itself. The coursework is therefore

PRINCIPAL DATES 1993

DATES FOR THE 1993 ACADEMIC YEAR FOR THE BACHELOR OF MEDICINE PROGRAM

Year 1
Semester 1 commences Monday 1 March, 1993
Semester 1 concludes Friday 23 June, 1993

Semester 2 commences Monday 17 July, 1993
Semester 2 concludes Friday 25 November, 1993

Mini-Effective conclusion Friday 3 December, 1993

NOTE:
Semester One consists of Block One (10 weeks) and 7 weeks of Block Two.
Semester Two consists of the remaining 3 weeks of Block Two, all of Block Three (10 weeks), and Summer (1 week).
ADVICE AND INFORMATION

Year Two

Semester 1

commences Monday 1 March 1993

resumes Monday 19 April 1993

concludes Friday 2 July 1993

Semester 2

commences Monday 16 July 1993

resumes Monday 27 September 1993

concludes Friday 8 October 1993

Year Three

Block 7

Feb 8 — April 30 12 weeks: 11 week block

1 week AVCC/ Easter Vacation 9-16/4

May 3 — June 23 7 weeks

June 28 — July 9 2 weeks (AVCC common week)

Block 9

July 12 — Sept 10 8 weeks block

1 week (inclusive)

Stuvac

Sept 13 — Sept 17 1 week

Assessment

Sept 20 — Oct 8 3 weeks

Vacation

Oct 11 — Oct 15 1 week

Block 10

Oct 18 — Dec 10 8 weeks

Election

Year Four

Clinical Attachment 1a Feb 1 — Mar 12 6 weeks

Clinical Attachment 1b Mar 15 — April 30 6 weeks attachment

1 week AVCC/Easter Vacation 9-16/4

May 3 — May 7 1 week

Clinical Attachment 2a May 10 — June 16 6 weeks

Clinical Attachment 2b June 21 — July 30 6 weeks

Vacation

Aug 2 — Aug 17 2 weeks

Clinical Attachment 3a Aug 16 — Sept 26 6 weeks

Clinical Attachment 3b Sept 27 — Nov 5 6 weeks

GP Period

Nov 8 — Nov 17 One and a half weeks

Stuvac

Nov 18 — Nov 26 One and a half weeks

Assessment

Nov 29 — Dec 7 One and a half weeks

Year Five

Clinical Attachment 1 Feb 1 — Mar 19 7 weeks

Clinical Attachment 2 Mar 22 — May 7 7 weeks (Block 9-16/4)

Assessment

May 10 — May 14 1 week

Vacation

May 17 — May 21 1 week

Clinical Attachment 3 May 24 — July 9 7 weeks

Clinical Attachment 4 July 12 — Aug 27 7 weeks

Stuvac

Aug 30 — Sept 3 1 week

Assessment

Sept 6 — Sept 17 2 weeks

Vacation

Sept 20 — Sept 24 1 week

Election

Sept 27 — Nov 19 8 weeks

Final Assessment

Nov 22 — Nov 26 1 week

NOTE: Years 3, 4 & 5 do not conform with the University of Newcastle’s Semester dates.

FACULTY OFFICES

Faculty Contact Location Telephone

Art, Design & Communication

Marianne Cartwright Viki Drew 215639

Viki Drew A1B-1

Arts

David Donnelly CT222

Harrigan S18

Laurie

Edmison S16

Computer Science

Chandra Murti A1B-11

Katrins Kislit A1B-43

Bhaya I1B-58

Noria Yee A1B-22

Engineering

Geoff Gordon EA206

Nill North EA204

Helen Jackson EA205

Health Sciences

Jenny Hughes A1B-37

Maurice Chalmers A1B-18

Law

Linda Harrigan S18

Medicine

Brian Kelilher K607A

Music

Chris Palmer CNL04

Nursing

Janet Hallinan A1B-33

Estelle Graham A1B-16

Science

Helen Hockins SB10

Mathematics

Kristine Hoyer SB10

Social Sciences

Susan Ends CT31

THE STUDENT ENQUIRY COUNTER

Located in the Chancellory, the Student Enquiry Counter is the main point of contact for enquiries relating to non-academic aspects of student administration, such as the issue of travel concessions, matters relating to the administration of the Higher Education Contribution Scheme (HECS), and the issue and receipt of various forms, such as Change of Name Address and Transcript Request Forms. The Enquiry Counter also acts as a point of referral for general student enquiries.

STUDENT SERVICES

Available for all students to assist with many practical matters which may affect personal adjustment to University and success in studies.

Most services are located in the Temporary Buildings adjacent to the Computer Teaching Building except where indicated. Most services are also available on the Central Coast Campus.

The Dean of Students, Professor K.R. Dutton (located in the Bowman Building) is responsible for the network of Student Services and his advice is available to students where appropriate. The Sub-Dean, Ms. M. Kibby (Ollister Building Room C118) will advise students on the correct procedures to follow in cases of appeal or grievance applications. Both can be contacted on 215806.

Accommodation Office

Offers advice on matters and assistance in resolving accommodation problems. Maintains lists of accommodation available off-campus in private homes, rooms, flat and houses. Mrs Kath Dacey, Accommodation Officer. Enquiries phone (049) 215595.

Careers & Student Employment Office

A free service to students at any stage of their studies covering all matters relating to employment: careers information and planning, resume and interview preparation workshops, graduate recruitment, vacation employment and part-time student employment service. Ms H. Parker, phone (049) 215588.

Chaplaincy

The Chaplaincy Centre are located in the temporary buildings adjacent to the Computer Teaching Building and in rooms A118 in the Hunter Library. Pastor and spiritual care is available from denominational chaplains. Phone (049) 215571 or (049) 216648.

Counselling Service

Location: Courtyard level Auchmuth Library building. Assists people who have academic personal difficulties, or who simply want to function more effectively. Individual counselling and group courses are available. Phone (049) 215806.

Health Service

Dorcas Centre is located in the Shortland Union building basement, phone (049) 216000. A nursing sister is available on the main concourse Hunter Building, phone 215452. The health service offers medical care similar to a general doctor’s surgery with a special interest in the health needs of students. Patients are bulk-billed. All consultations are strictly confidential. Health education and information also provided. Dr. S. Brockman, phone (049) 216000.

Sport & Recreation Office

Organises classes in wide range of sporting and recreational pursuits.чен

Student Support Office

Student Service enquiries, student loans and financial advice for students on low incomes, advice and referral on social welfare matters and assistance and information for students with disabilities. Ms A. Rudd, phone (049) 216667.

STUDENTS WITH DISABILITIES

The University of Newcastle has a policy to provide equal opportunity to students with Special Needs.

Practical assistance, which may be required by students with disabilities to facilitate their participation in their course of study, can be arranged through the Student Support Officer, Ms I. Bennett, Rudd, located in the Temporary buildings opposite Mathematics, phone (049) 216667.

Special equipment is available in some lecture theatres and in the libraries.

If you need academic assistance, please do not hesitate to contact your relevant Faculty Advisor.

Faculty Advisors

Advisors

Mr Arthur Kinghorn (049) 215783

Art, Design & Comm. Mr Bruce Wilson (049) 216606

Acid & Commerce Mr A.P. Bantefer (049) 215372

Economics & Commerce Ms Anne Finlay (049) 216769

Education Ms Margaret Davie (049) 215683

Engineering Dr David Wood (049) 216198

Health Sciences Mr Andrew Bertran (049) 216733

Medicine Dr Paul Curtis (049) 216433

Nursing Ms Suzanne Lyons (049) 216312

Science & Mathematics Dr Graham Cooper (049) 215529

Social Science Ms Sue Malorn (049) 216787

University Libraries Ms Anne Robinson (049) 215831

Mr Gary Jones (049) 216465

ENROLLMENT OF NEW UNDERGRADUATE STUDENTS

Persons enrolled or offered enrolment are required to attend in person at the Great Hall in February. Detailed instructions are given in the Enrolment Guide which is sent out with the UAC offer.

TRANSFER OF COURSE

Students currently enrolled in an undergraduate course who wish to transfer to a different undergraduate course in 1993 must apply through the Student Selection Committee (UAC) by 30 September 1992. Late applications will be accepted through UAC until 31 October if accompanied by a $500.00 late fee. Late applications will be accepted after 31 October 1992 but effects will only be considered if places remain after applications that have been submitted through UAC are considered.

If a student’s request to transfer to another course is successful, then the student must complete a separate Higher Education Contribution Scheme (HECS) Payment Option form for the new course at enrolment time. Payment of the General Service Charge must be made using the notice issued as part of the re-enrolment process.

RE-ENROLMENT BY CONTINUING STUDENTS

There are five steps involved for re-enrolment by continuing students:

1. receive a re-enrolment kit in the mail

2. lodge the Enrolment Application form with details of your proposed program

3. receive a fees and charges notice in the mail in late January

4. payment of the General Service Charge at any Commonwealth Bank by 26 February 1993

5. receive an approved program and student card.

Re-Enrolment Kits

Re-enrolment kits for 1993 will be mailed to students in October. The re-enrolment kit contains the student’s Enrolment Application and Student Manual, the 1993 Class Timetables, the 1993 HECS booklist and Enrolment Guide.

A fees and charges notice will be mailed separately in late January. (Please note a Fees and Charges Notice will not be sent until all outstanding deficiencies have been paid.)
Lodging Enrolment Application Forms

The Enrolment Application form must be completed carefully and lodged at the Student Services Office by 6 January 1993. Students should know their examination results before completing the enrolment form. There is no late charge payable if the form is late, but it is very important that the enrolment form is lodged by 6 January 1993 as late lodgement will mean that enrolment approval and student card may not be available for the start of the semester.

Enrolment Approval

All re-enrolling students will receive in early February either a confirmation program and student card or a letter asking them to attend in person because there is a problem with their proposed program. Enrolment in tutorial or laboratory sessions should be arranged with Departments on individual basis.

Payment of Charges

The Fees and Charges Notice will be mailed to re-enrolling students in late January (Please note a Fees and Charges Notice will not be sent until all outstanding debts have been paid). The 1993 General Service Charge must be paid at any Commonwealth Bank branch using the Fees and Charges Notice. Payments made after 26 February 1993 will incur a $50.00 late fee.

All charges listed on the Fees and Charges Notice must be paid. The Bank will not accept part payment.

SCHOLARSHIP HOLDERS AND SPONSORED STUDENTS

Students holding scholarships or receiving other forms of financial assistance must lodge with the Canberra Jeep and Charges Notice together with a copy of their Scholarship Certificate, Locked Bag 500 Lidcombe 2141. Application forms may be obtained from the UAC or from the Student Division Office and close with the UC on 30 September each year. There is a $30.00 fee for late applications. Students who withdraw from their course after 31 March 1992 are not required to apply for re-admission.

CHANGE OF ADDRESS

The University holds on record both an address for correspondence and a home address. Students are responsible for notifying the Student Division Office of any changes in either of these addresses. A Change of Address form should be used and is available from the Student Division Office.

Failure to notify changes to your correspondence address could lead to important correspondence or course information not reaching you. The University cannot accept responsibility if official communications fail to reach a student who has not notified the Student Division Office of a change of address.

CHANGE OF NAME

Students who change their name should advise the Student Division Office. A marriage or death poll certificate should be presented for the name change to be noted on University records.

CHANGE OF PROGRAMME

Approval must be sought for any changes to the programme for which a student has enrolled. This includes adding subjects, withdrawing from subjects or the course, or replacing one subject with another. All proposed changes should be entered on the Programme Variation section of the Course Confirmation of Programme form. Where appropriate, reasons for changes and/or documentary evidence in the form of medical or other relevant certificates must be submitted. Programme Variation forms should be lodged at or mailed to the relevant Faculty Office.

Withdrawal from Subjects or Course

Applications received by the appropriate date listed above will be approved for withdrawal without a failure being recorded against the subject or subjects in question.

Withdrawal Dates

Semester 1 Subjects Semester 2/Full Year Subjects
11 June 1993 5 November 1993

EXAMINATIONS

Examinations are conducted in late March/early April and July/August/early September. Examination dates are usually fixed in late March, but may be brought forward or postponed by the University. The date of the examination will be displayed on the noticeboard in time for students to make any necessary arrangements.

Students entering the University in January are permitted 10 weeks after the commencement of the relevant semester to seek advice from the Faculty Office prior to lodging their application. In some instances Faculty policy or restrictions on class size魁 limited enrolment and students should make every effort to finalise their enrolment within the first two weeks of semester.

GENERAL CONDUCT

In accepting membership of the University, students undertake to observe the by-laws and other requirements of the University. Students are required to attend all classes, tutorials and ancillary classes at all times in a smart and neatly fashion. Smoking is not permitted during lectures, in examination rooms or in the University Library. Gambling is forbidden.

Students holding scholarships or receiving other forms of financial assistance are requested to report on disorderly or improper conduct occurring in the University.

NOTICES

Official University notices are displayed on Departmental notice boards and students are expected to be acquainted with the contents of those announcements.

The Hunter Building Concours is used for the specific purpose of displaying examination time tables and other notices about examinations and final results.

EXAMINATION PERIODS

Final written examinations take place on prescribed dates within the first fortnight of each semester and may be included.

Mid Year: 14 June - 2 July 1993
End of Year: 8 to 26 November, 1993

Timetables showing the date and time at which individual examinations will be held will be displayed in the Hunter Building Concours, specific Departmental offices, and on the office noticeboards on campus.

Students should check the final timetables to find out the date and time of their examinations.

LOCATION OF EXAMINATIONS

Seats allocated for examinations will be displayed about two weeks before the commencement of the examination period on the noticeboard in the Department where the subject is being taught and a notice of such examinations will be placed in the examination room on the day of the examination. Candidates should allow themselves plenty of time to get to the examination room so that they can take advantage of the 10 minutes reading time that is allowed before the examination commences. Examination rooms will be displayed on the noticeboard 15 minutes before the commencement of each examination. It is not to the University's advantage to allow candidates to leave the examination room or to come back during an examination. Once a candidate leaves the examination room, he/she may not return until the next scheduled examination commences.

PERMITTED AIDS

Students may use any examination writing instrument, drawing instrument or eraser. Logarithmic tables may not be taken in; they will be available from the supervisor if needed. Calculators may not be taken into an examination room unless the Examiner has instructed on the
FORMAL WRITTEN EXAMINATIONS

given

PART

EXAMINATIONS

Application

If

students should note that no concession will be granted:

"subject" means

or any other

the examination of an extended essay, project or similar work

means

and associate diploma) or graduate certificate for which a candidate

the exception of the examination

for a degree of

indicates or requires:

programmable

to

the establishment

the matter with your Faculty

of Rules

to sit for an

If

you will need to visit the Examinations

Committee of the Department

means an examination conducted

Determination of nature and extent of examining

4. Each Faculty Board shall determine the nature and extent of examining

in the subjects in the awards for which the Faculty is responsible and

such examining may be written, oral, clinical or practical or any

combination of these.

Publication of requirements

5. The Head of Department shall ensure the publication of the

Departmental Examination requirements in each subject by the end

of the second week of the semester in which the subject commences

including the weight and timing of each task comprising the total

assessment to be applied in determining the final grade.

Penalties

6. An infringement of any of the rules set out in Rule 16(1), other than

pertinent to Rule 16(2), or the instructions referred to in Rule 19 shall

constitute a formal warning.

PART 3 - PROCEDURES

External Examiners

7. (1) The Academic Senate may, on the recommendation of a Faculty Board

made on the recommendation of a Head of Department appoint one or more external examiners for the

Department. Such appointment shall be for a term of not more than one year and, except with the approval of the Academic Senate, no

external examiner for the Department shall be reappointed for more than one term.

(2) Where the appointment of an external examiner for a candidate is prescribed by the Rules for an award, or where the Faculty

Board considers it appropriate that an external examiner for a candidate be appointed, such appointment shall be made by the

Faculty Board or as otherwise prescribed in the Rules for that award.

Examinations

8. The Head of each Department shall arrange for the member or members of the academic staff responsible for each of the subjects

offered by the Department:

(a) to prepare examination papers in the subjects;

(b) in consultation with any other members of staff involved in the

tuition or supervision of the candidates, to assess the scripts and

other work submitted by candidates and, if required,

special consideration; and

to record in an examination return a judgement in respect of each

candidate.

Departmental recommendations of results

9. The Departmental Examinations Committee shall consider the recommendations recorded for each candidate and shall make recommendations to the Faculty Board as to the result in the subject to be recommended for each candidate.

Determination of results in subjects

10. (1) The recommendations of the Departmental Examinations Committee shall be submitted to the Faculty Board by the Head of the

Department or the representative of that Head, who shall be entitled to vary any recommended result if it is not considered that it is appropriate to do so on the request of the Faculty Board.

(2) The Dean shall ensure that in making its recommendations the Departmental Examinations Committee has considered any request for special consideration made by a candidate pursuant to Rule 13.

(3) Each Faculty Board shall consider the recommendations of the Departmental Examinations Committee and, taking into account any change to a recommendation under sub-rules (1) or (2), shall either:

(a) confirm the results; or

(b) defer the decision pending the outcome of such other

assessment for a subject to a candidate shall be one of those

in the list of approved results determined by the Academic Senate from time to time.

Review of result in subject

12. (1) A candidate may apply for a review of any result awarded in a

subject to that candidate.

(2) An application made under sub-rule (1) shall be submitted to the

Dean and the Registrar of the University in accordance with the

examination timetable.

(3) The Registrar shall cause the result to be determined by the

Dean, who shall have the power to determine the result.

(4) The Registrar shall notify the candidate of the result and any

further examination required.

Special Consideration

13. (1) A candidate who claims that

(a) is not familiar with the examination procedure;

(b) attendance at or performance in an examination

has been affected by illness, disability or other serious cause,

may request the reading of a written examination

given by a

on which the candidate is enrolled may permit

except in the case of a formal written examination, by the Academic

Registrar and in, the case of any other examination, by the Head of

Department.

Supplementary examination means an examination administered to a candidate in respect of whom any doubt exists as to the

judgement to be recorded in an examination return.

"supervisor" means the supervisor for an examination appointed, in the case of a formal written examination, by the Academic

Registrar and in the case of any examination, by the Head of Department.

A candidate may request special consideration if:

(a) the examination procedure is not clear to the candidate;

(b) the examination procedure is not fair to the candidate;

(c) the examination procedure is not consistent with the

syllabus.

"supervisor" means the supervisor for an examination appointed, in the case of a formal written examination, by the Academic

Registrar and in the case of any examination, by the Head of Department.

Examinations other than in single department

3. (1) Where a Faculty is not composed of Departments, the functions and responsibilities of the Head of a Department and the Departmental Examinations Committee shall be determined by the Faculty Board concerned or, where Departments from more than one Faculty are involved, by the Academic Senate.

Determination of nature and extent of examining

4. Each Faculty Board shall determine the nature and extent of examining in the subjects in the awards for which the Faculty is responsible and

such examining may be written, oral, clinical or practical or any

combination of these.

Publication of requirements

5. The Head of Department shall ensure the publication of the

Departmental Examination requirements in each subject by the end

of the second week of the semester in which the subject commences

including the weight and timing of each task comprising the total

assessment to be applied in determining the final grade.

Penalties

6. An infringement of any of the rules set out in Rule 16(1), other than

pertinent to Rule 16(2), or the instructions referred to in Rule 19 shall

constitute a formal warning.

PART 4 - FORMAL WRITTEN EXAMINATIONS

Responsibility

14. The Academic Registrar shall be responsible for the administration

of formal written examinations for each subject to a candidate.

Timetable for formal written examinations

15. (1) The Academic Registrar shall publish a timetable showing when and where formal written examinations will be held and it shall be the responsibility of candidates to attend such examinations prescribed for the subjects in which they are enrolled.

(2) Notwithstanding the provisions of Rule 15(1), where the

Academic Registrar considers it necessary, the Academic

Registrar may make a request to a candidate to attend an examination for a subject at a time and place different from that published in the

examination timetable.

(3) Subject to the provision of Rule 13(1)(b), candidates who fail to attend an examination which is show on the examination

timetable shall not be allowed to take the examination and it shall be deemed to have set for and failed the examination.

Rules for formal written examinations

16. Formal written examinations shall be conducted in accordance with the following rules:

(a) the examination shall be conducted in accordance with the

examination syllabus;

(b) the examination shall be conducted according to the examination

timetable;

(c) the examination shall be conducted according to the examination

procedure.

(a) the examination shall be conducted in accordance with the

examination syllabus;

(b) the examination shall be conducted according to the examination

timetable;

(c) the examination shall be conducted according to the examination

procedure.
(c) no candidate shall re-enter the examination room after leaving it during the full period of absence that candidate had been approved for;

(f) a candidate shall not bring into the examination room any bag, paper, book, written material, device or aid whatsoever, other than such as may be specified for the particular examination;

(g) a candidate shall not by any means obtain or endeavour to obtain improper assistance, give or endeavour to give assistance to any other candidate, or commit any breach of good order;

(h) a candidate shall not take from the examination room an examination answer book, any examination paper so marked, graph paper, drawing papers or other material issued for use during the examination;

(i) no candidate may smoke.

(ii) no candidate may possess or use any writing material other than that permitted by the Head of Department.

The provision of sub-rule (1) may be relaxed:

(a) by the Academic Registrar; and

(b) with the exception of paragraphs (c), (f), (g) and (h) by the supervisor upon the direction of the Academic Registrar or at the discretion of the supervisor, provided that the circumstances of any case in which discretion has been exercised are recorded in writing in the Academic Registrar immediately following the conclusion of the examination.

PART 5 - OTHER EXAMINATIONS

Responsibility

17. The Head of Department shall be responsible for the administration and supervision of the examinations of the University, other than formal written examinations, in the subjects offered by the Department.

Time of Examination

18. (1) Where appropriate, the Head of Department shall publish a timetable showing when and where examinations will be held and it shall be the responsibility of candidates to attend those examinations prescribed for the subjects in which they are enrolled.

(2) Notwithstanding the provisions of Rule 18(1), where the Head of Department considers it justifiable, it may arrange that candidates sit for examinations at a time and place other than that at which they would normally sit for examinations in the course of a normal academic year.

Compliance with Instructions

19. Candidates shall comply with any instructions given by the Head of Department or the supervisor relating to an examination.

Any infringement of these rules constitutes an offence against discipline.

FINAL EXAMINATION RESULTS

End of year examination results will be mailed out by late December. Examination results for Semester 1 subjects will be mailed out on or before the commencement of Semester 2.

Final examination results are also displayed in the Hote Building Concours as soon as they become available.

Results may be telephoned by the results service of the University.

REQUEST FOR FINAL RESULT

After the release of both Semester 1 and end of your final examination results a student may apply to have a result reviewed. Part 3 of the University’s Examination Rules specifies procedures relating to Review of Result in a subject, for details see page (vi) and the necessary application form.

SPECIAL CONSIDERATION REQUESTS

Any application for Special Consideration should be made on the Application for Special Consideration form.

The granting of Special Consideration could involve a further examination or assessment held shortly after the formal examination. Any further examination or assessment administered will be by the Department that offered the subject. Consequently you must therefore check with the Department that offered the subject to ascertain that Department’s requirements. You should also watch the Department’s noticeboard for further advice concerning Special Consideration.

Application Forms may be obtained from the Faculty Office, Student Division Enquiry Counter, Student Health Service, Student Counselling Unit and Examinations Services Counter, Hunter Building.

Part 3 of the University’s Examination Rules specifies procedures relating to Special Consideration Requests, for details see page (vi) and the necessary application form. You should read the instructions on the application form before applying for Special Consideration.

STATEMENTS OF ACADEMIC RECORD

If you wish to be issued with a statement of your academic record, you must complete the appropriate forms that will be available from the Dean’s Office to lodge it with the University Registrars along with the appropriate fee (see page (vi)). The statement will be mailed out as soon as it becomes available, to the nominated address. Applicants must allow adequate time for this to occur. Computer printed statements can normally be mailed within a week. Students enrolled prior to 1979 records might be expected to take longer to produce. Indelible applicants must clear their debt before statements can be issued. Application forms may be obtained from the Student Division Enquiry Counter, Chancellery Building and the Examinations Services Counter, Hunter Building.

UNSATISFACTORY PROGRESS

The University has adopted Rules Governing Unsatisfactory Progress which are set out below.

Students who become liable for action under the Rules will be informed accordingly by mail after the release of the End of Year examination results and will be informed of the procedure to be followed if they wish to show cause.

Appeals against exclusion must be lodged together with Enrollment Application forms by Wednesday 6 January 1993.

The Faculty’s progress requirements are set out elsewhere in this volume.

RULES GOVERNING UNSATISFACTORY PROGRESS

Application of Rules

1. These Rules shall apply to all students of the University except those who are candidates for a degree or Master or Doctor.

Interpretation

2. In these Rules, unless the context or subject matter otherwise indicates or requires:

"The Committee" means the Admissions and Progress Committee of the Academic Senate as constituted from time to time.

"Dean" means the Dean of the Faculty in which a student is enrolled.

"Board" means the Faculty Board of the Faculty in which the student is enrolled.

Termination of Enrolment by Head of Department

3. (1) A student’s enrolment in a subject may be terminated by the Head of Department offering that subject if that student does not maintain a rate of progress considered satisfactory by the Head of Department.

In determining whether a student is failing to maintain satisfactory progress the Head of Department may take into consideration such factors as unsatisfactory attendance or failure to complete at satisfactory standard academic or professional components specified for the subject.

(2) The enrolment of a student in a subject shall not be terminated pursuant to Rule 3(1) of these Rules unless that student has been given prior written notice of the intention to consider the matter, with brief particulars of the grounds for so doing, and has also been given a reasonable opportunity to make representations either in person or in writing or both.

(3) A student whose enrolment in a subject is terminated under Rule 3(1) of these Rules may appeal to the Board which shall determine the matter.

(4) A student whose enrolment in a subject is terminated under this Rule shall be deemed to have failed the subject.

Review of Performance by Board

4. (1) A Board may review the academic performance of a student who has been deemed not to be maintaining a rate of progress considered satisfactory by the Board and may determine:

(a) that the student be permitted to continue the course;

(b) that the student be permitted to continue the course subject to such conditions as the Board may decide;

(c) that the student be excluded from further enrolment:

(i) in the course;

(ii) in the course and any other course offered in the Faculty;

(iii) in the Faculty;

(d) that the Board considers its powers to deal with the case are inadequate, that the case be referred to the Committee together with a recommendation for such action as the Board considers appropriate.

(2) Before a decision is made under Rule 4(1)(b), (c) or (d) of these Rules, the student shall be given an opportunity to make representations with respect to the matter either in person or in writing or both.

(3) A student who has made representations to a Board may appeal against any decision made under Rule 4(1)(b) or (c) of these Rules to the Committee which shall determine the matter.

Reference to Committee

5. Where the progress of a student who is enrolled in a combined course or who has been excluded from enrolment in another course or Faculty is considered by the Board to be unsatisfactory, the Board shall refer the matter to the Committee together with a recommendation for such action as the Board considers appropriate.

Hearings shall be held by the Committee.

6. (1) An appeal made by a student to the Committee pursuant to Rule 4(3) of these Rules shall be in such form as may be prescribed by the Committee, and shall be made within fourteen (14) days from the date of posting to the student of the notification of the decision or such further period as the Committee may accept.

(2) In hearing an appeal the Committee may take into consideration any circumstances whatsoever, including matters previously raised, and may seek such information as it thinks fit concerning the academic record of the applicant and the making of the determination by the Board. Neither the Dean nor the sub-Dean shall act as a member of the Committee on the hearing of any such appeal.

(3) In the event of the Dean or the Dean’s nominee shall have the right to be heard in person by the Committee.

(4) The Committee may confirm the decision made by a Board or may substitute for it any other decision which the Board is empowered to make pursuant to these Rules.

Committee Consideration of Referred Cases

7. (1) The Committee shall consider any case referred to it by a Board and may:

(a) make any decision which the Board itself could have made pursuant to Rule 4(1)(a), (b) or (c) of these Rules;

(b) exclude the student from enrolment in such other subjects, courses or Faculties as it thinks fit; or

(c) exclude the student from the University.

(2) The Committee shall not make any decision pursuant to Rule 7(1)(b) or (c) of these Rules unless it has first given the student the opportunity to be heard in person by the Committee.

(3) A student may appeal to the Vice-Chancellor against any decision made by the Committee under this Rule.

Action by Vice-Chancellor

8. Where there is an appeal against any decision of the Committee made under Rule 7 of these Rules, the Vice-Chancellor may refer the matter back to the Committee with a recommendation or shall arrange for the appeal to be heard by the Council. The Council may confirm the decision of the Committee or may substitute for it any other decision which the Committee is empowered to make pursuant to these Rules.

Re-enrolment

9. (1) A student who has been excluded from further enrolment in a Faculty may enrol in a course in another Faculty only with the permission of the Board of that Faculty and on such conditions as it sees fit to determine.

(2) A student who has been excluded from further enrolment in any course, Faculty of the University under these Rules may apply for permission to enrol therein, provided that in no case shall such re-enrolment commence before the expiration of the period of exclusion. A decision on such application shall be made:

(a) by the Board, where the student has been excluded from a single course or a single Faculty;

(b) by the Committee, in any other case.

Appeal Against Re-enrolment Application

10. (1) A student whose application to enrol pursuant to Rule 9(2)(a) or (b) of these Rules is rejected by a Board may appeal to the Committee.

(2) A student whose application to enrol pursuant to Rule 9(2)(b) of these Rules is rejected by the Committee may appeal to the Vice-Chancellor.
SCHOLARSHIP HOLDERS AND SPONSORED STUDENTS

CHARGES
The General Services Charge (details below) is payable by all students. In 1993, a fees and charges notice will be sent to continuing students in late January and to commencing students in mid February.

Students are expected to pay charges at any Commonwealth Bank. The last date for payment of charges with the Commonwealth Bank is 19 March 1993. All other payments should be made directly to the University by cheque, or in person to the Cashier, level 2, Chancellery.

1. General Services Charge Per Annnum
(a) Students Proceeding to a Degree or Diploma $264
(b) Non-Degree Students $237
(c) Internal Students $27

2. Late Charges Where the Fees and Charges Notice is Lodged with all charges payable after the 26 February 1993 $50

3. Other Charges
(a) Examination under special supervision $15 per paper
(b) Review of examination results, per subject $25
(c) Replacement of Re-enrolment kit $10
(d) Replacement of Student Card $5
(e) Statement of Matriculation Status for non-member of the University $10
(f) Replacement of lost or damaged Transact $30
(g) Academic Transcripts

(i) First copy $10
(ii) Second Copy No charge
(iii) Each additional copy $1

Notes
- Graduates will be provided with two copies of their transcript free upon notification of eligibility to graduate.
- Transcripts will be issued on request free of charge to other tertiary education institutions.

4. Indebted Students

All debts outstanding to the University must be paid before enrolment can be completed—part payment of total amount due will not be accepted.

HIGHER EDUCATION CONTRIBUTION SCHEME (HECS)
The Higher Education Contribution Scheme (HECS) requires students to contribute towards the cost of their higher education. Each semester a student’s HECS liability is calculated according to his or her Student Load. The liability for an 80 credit point full-time load in 1993 is $323.355. Student Load is calculated at the census date for each semester i.e. 31st March in Semester One and 31st August in Semester Two. Withdrawn subjects effective on or after the census date and failed subjects are not included in HECS liability.

Some courses are exempt from HECS charges and some students are exempt. Exemption from payment of the Higher Education Contribution (HECS) applies to:

- a fee-paying student in a “fee-approved postgraduate award course”
- a student in a “basic nursing education course”
- a student who has paid the Overseas Student Charge
- a “fully sponsored overseas student”
- a student in an “enabling course”
- a student in a “non-award course”
- a student who has been awarded a “HECS postgraduate scholarship”

Basic Nursing Education courses will not be exempt from HECS after 1993. All pre-1993 approved student contribution courses and their students in such a course will also be liable for HECS in 1994 and in subsequent years.

HECS is administered as part of the enrolment process. Students commission of evidence of liability must select one of three options on the HECS Payment Options form.

On enrolment students must do one of the following:
(a) Elect to pay up-front which would require payment of 75% of the contribution for the semester, with the balance to be paid by the Commonwealth. Students electing to pay-up-front will be asked to pay at the commencement of each semester.
(b) Defr their HECS and elect to pay through the taxation system, in which case they must either provide a tax file number or apply for a tax file number as part of their enrolment. Institutions are required to ensure that the information given by students of their tax file number application is the same as that on their enrolment form.

Students electing to defer their HECS through the taxation system are not required to make a payment towards their contribution until their taxable income reaches a minimum threshold level. For the 1993 financial year the minimum threshold was $27,000. This amount will be increased each year.
(c) As from 1993 New Zealand citizens residing in Australia for less than two years and permanent residents of Australia whose permanent address is overseas are required to pay their HECS contribution on-up-front. The 25% discount applies.

New Zealand citizens living outside Australia and enrolled in external courses at Australian institutions should be treated in the same way as permanent residents of Australia whose semester address is overseas and be required to pay-up-front.

The requirement to pay-up-front will apply to both commencing and continuing students.

Due to the nature of exemption from the HECS.

All students enrolling in a new course must complete a Payment Options form selecting one of the above three options. Deferred or Up-front re-enrolling students will retain their elected payment option (excluding students falling into category (c) above). A new Payment Options form must be completed if students transfer courses or wish to change their payment options. Students who wish to change their Payment Option in any semester must do so before the census date for that semester. Changes to the Up-front option will not be permitted after the due date for payment of Up-front accounts.

Note: All fees are subject to the University’s landscape and for the safety of students, staff and visitors. Alternative parking to be utilized when on campus car parks are full is available only on both sides of University Drive (subject to compliance with traffic regulations in regard to bus stops, driveway to pedestrian crossings, roundabouts etc).

The University is working with public transport authorities to improve the level of transport to the University so as to alleviate the necessity for staff and students to use private vehicles. It is in the interests of all members of the University community, and to the development and maintenance of the campus bushland setting, to dramatically reduce the numbers of the ground traffic being brought onto the campus as well as assisting with the broader issues of air pollution, traffic congestion and the like.

Students are urged to consider alternative modes of transport, such as public transport, and greater use of bicycles to take advantage of the new cycleways serving the University. Cycle pathways are being encouraged and your Student Representative Council (SRC) can assist you in this regard.

The traffic and parking regulations are found in full in the University’s Calendar Volume I. The scale of penalties for traffic and parking infringements as contained in the rules are as follows: (a) exceeding the speed limit on University roads $30 (b) failing to stop when signalled to do so by an Attendant (Patrol) $30 (c) refusal to provide information requested by an Attendant (Patrol) $30 (d) illegal parking (i) parking on University roads $15 (ii) parking on footpaths $15 (iii) parking on areas marked by sign $15 (iv) parking in a way that may cause injury to others $15 (v) not displaying parking permit $10 (vi) parking in a restricted area $15 (f) parking in an area reserved for handicapped person $50 (g) any other breach of the traffic and parking rules $10

The penalty will be imposed:
(a) on the spot by an infringement notice being put on the vehicle; or
(b) by sending an infringement notice by ordinary prepaid post to the registered person responsible for the vehicle, or to the registered owner of the vehicle.

Any objection to the imposition of the penalty must include details of the ground on which the objection is based and be lodged in writing with the Director Property Services within 14 days of the date of the infringement notice showing the breach has been committed.

The Director Property Services, after considering an objection, shall either reject it or waive the penalty.

Penalties must be paid:
(a) within 28 days of the date of the infringement notice showing the breach has been committed;
(b) where applicable, within 28 days of notification that any objection has been rejected by the Director Property Services.

Any queries in relation to traffic and parking matters may be referred to the Security Patrol Office, located in the foyer of the Great Hall and from the University Office, located in the foyer of the Hunter Building. Application forms to bring a vehicle onto the campus are also available from these offices.
CASHIER
The cashiers' office is located on the pathway between the Chancellory and the Hunter Gymnasium (south of the Hunter Union). An automatic teller machine is located outside. Hours of Opening:
Monday to Friday
9.30am - 4.00pm
9.30am - 5.00pm

BANKING
1. Commonwealth Bank
The University of Newcastle branch of the Commonwealth Bank is located on the pathway between the Chancellory and the Hunter Gymnasium (south of the Hunter Union). An automatic teller machine is located outside. Hours of Opening:
Monday to Friday
9.00am - 4.00pm

2. Credit Union
The main branch of the Universities Credit Union is located with the Student Union on the former University side of the campus. Hours of Opening:
Monday to Friday
9.00am - 4.00pm

An agency is located in the Hunter Union Building.

CASHIER
The cashiers' office on-campus is located on First Floor, Chancellory Building. Credit card facilities are not available. Hours of Opening:
(a) During Semester
10.00am - 4.00pm
(Open during lunch break)
(b) Vacation Period
10.00am - 12.30pm
2.00pm - 4.00pm

CHAPLAINCY SERVICE
The Chaplaincy Centre is located in the temporary buildings adjacent to the Computer Teaching Building and also in Room A187 in the Hunter Union Building near the Husky Library. Pastoral and spiritual care is available from the following denominational chaplains:
Anglican Catholic
Baptist Presbyterian
Uniting Church Assembly of God
Russian Orthodox
Seventh Day Adventist
Both centres are open Monday to Friday 8.30 am - 5.00 pm.

COMMUNITY PROGRAMMES
The Centre of Community Programmes offers a wide range of courses for the general public. Of particular interest to incoming students are the Bridging Courses conducted during February and the Open Foundation Course for mature age entry purposes which commences in March.

Students interested in bridging or preparatory courses should telephone, write or call at the Office of the Department in Room L149, Lower Ground Floor, McMillin Building. The Department is also able to respond to requests to tailor make Courses, Workshops, Seminars and Training Sessions for particular clients in virtually any subject area. Telephone (02) 216107.

CONVOCATION
All students of the University of Newcastle become members of Convocation upon graduation. Convocation is the graduate body of the University of Newcastle and, under the provisions of the University of Newcastle Act, is one of the constituent parts of the University. By virtue of the Act and the University By-Laws, Convocation has a voice in the governance of the University through its right to elect members of Council and the Standing Committee's right to direct communication with the Council and the Senate. Through its membership of the Australian University Graduates Association, Convocation also cooperates with its counterparts in other universities to give effective expression of opinion on matters of concern to graduates. The Convocation Officer may be contacted on (02) 2161664.

CO-OPE BOOKSHOP
The Co-op Bookshop is located within the Shortland Student Union. It stocks textbooks, general publications, computer discs and other software, audio-visual supplies. Discounts are available to Co-op members. Hours of Opening:
Monday, Wednesday and Friday
9.00am - 5.00pm
Tuesday and Thursday
9.00am - 6.00pm
First two weeks of semester
8.30am - 7.00pm

LOST PROPERTY
Lost property may be collected from, or deposited at two locations on campus:
(a) Patrol Office, Great Hall between 9.00am - 4.00pm
(b) Property Services, C110, between 9.00am - 4.00pm (Hunter Building)
It is suggested that you telephone in advance.

NOTICEBOARDS
Students wishing to post notices within the glass-fronted locked noticeboards should contact Mr. D. Higgatt, Property Services in the Hunter Building.
Phone: (02) 216602
Offers all normal postal services EXCEPT interviews for passports.

HOURS OF OPENING:
(a) During Semester
Monday to Friday
9.00am - 5.00pm
(b) Vacation Period
Monday to Friday
9.00am - 1.30pm
1.30pm - 5.00pm

PUBLIC TRANSPORT
The State Transit Authority provides a comprehensive bus service to the University from the following locations:

But timetables are available from the Student enquiry counter in the ground floor of the Chancellory Building.

STUDENT INSURANCE COVER
Student plan cover can:
(i) Students who are members of the Sports Union (this does not include students who have deferred study). Membership of the Sports Union is included in the General Service Charge;
(ii) Active life and active associate members of the insurance organisation;
(iii) Members of the Sports Union and staff of the University who join the Sports Union.
For further information and claim forms, please contact the Sports and Recreation office during business hours on (02) 215584.

UNIVERSITY COMPUTING SERVICES
The University of Newcastle has made use of computers in research and teaching for a number of years with the specific objective purposes since the first computer was installed in October 1963. Computers are widely used in teaching whenever this is appropriate. Some of these are managed by the teaching departments while others are maintained and supported by University Computing Services in publicly available locations.

The central computers and many others are connected to the University Information Network (UNI) which in turn is connected to the Australian Academic and Research Network (AARNet) and to the worldwide Internet.

University Computing Services provide and support computing services for most activities of the University for academic departments, through the HelpDesk and Computer Laboratories Manager, for administrative divisions and for service units. Services are provided through central computer facilities, through a campus network with external links, and through assistance to users of both the central computers and of desktop desk-top computers.

There are more than 800 terminal connections directly to the campus network, allowing connection to various computers, both in University Computing Services and in University departments. A number of School and Departmental computers and networks are also connected to the UNI.
Students are given access to central VAX/VMS and UNIX computers and centrally located microcomputers (Apple Macintosh and IBM PCs on campus) and to departmental and special purpose computers as appropriate to their course of study. Many packages are available such as the NAG numerical library, statistical programs such as Minitab, SAS, SPSS-X and BMDP and word-processing. All students are free to use the electronic News and Mail services for on-campus use. AARNet access is only available to coursework students who specifically request it by course enrolments.

Students enrolled in a subject for which a computer contact-time quota has been established are automatically given access on the central computer. Research students (Research Masters and Ph.D) are not limited on contact-time and are allowed disk quotas appropriate to their program. The computer normally operate continuously, with terminal rooms open from 08:00 to 21:00 on weekdays (and in the Computing and Information Services Building from 09:00 to 17:00 at weekends for most of the academic year).

University Computing Services aim to provide a high quality modern computing environment for students. Use of this together with their experience in using School and Departmental computers, will ensure that graduates have acquired broad and valuable computing experience. Students are encouraged to seek guidance in computer use from their lecturers, but the UCS Help Desk also offers a assistance to all users.

Conditions of Use
The University accepts no responsibility for any damage or loss of data arising directly or indirectly from use of these facilities or for any consequential loss or damage. The University makes no warranty, express or implied regarding the computing services offered, or for their fitness for any particular purpose.

The University cannot guarantee the confidentiality of any information stored on any University computer or transmitted through its network. For the protection of managing the resources it is necessary for the University to monitor files and usage.

The University’s liability in the event of any loss or damage shall be limited to the fees and charges paid to the University for the use of the computing facilities which resulted in the loss or damage. You may only use those facilities which have been authorised for your use. If access is protected by a password, you are not to make this password known to others. You may not use any account assigned to another user, nor may you attempt to find out the password of another user. This applies both to facilities within the University and to any accessible using the University's network.

You may only use authorised facilities for authorised purposes. For example, facilities made available for teaching may not be used for private gain.

You are made aware of the laws of copyright as it affects computer software. Software must not be copied except with the express permission of the copyright owner.

You may not attempt to copy information belonging to other users (whether they be staff, students or other users) without their express permission.

You may not attempt to interfere with the operation of the University’s computers or any other facilities accessed by use of the University’s computing facilities.

You may not attempt to subvert the security of any of the University's computing facilities or any other accessible by use of the University’s facilities.

You may not use the University’s computing facilities to send obscene, offensive, bawdy, harassing or illegal messages.

You may grant access to your own files by other users by setting appropriate protection.

You may access computing and communications facilities on other sites only with their permission and in a manner consistent with their terms.

You must, on request by an authorised member of staff, produce evidence of identity (for example, by student card) when using University computing facilities.

You are required to inform the University of any breach of these Terms (for example, if you become aware that someone else has used your account).

You must abide by any instructions given by the Director of theEnforced by the Director of the Institute of Computing. The University may be required to take any action necessary to protect the University's computing facilities, by letter, by electronic communication, in person or otherwise.

UNIVERSITY LIBRARIES
As a member of the University of Newcastle, you are entitled to use the Academic, Hunter, Conservatorium and Central Coast Libraries as well as the libraries of the teaching hospitals.

Auchmuty Library
Located adjacent to the Shortland Union, the Auchmuty Library is the main library on the Callaghan campus. It supports the teaching and research requirements of the faculties of Architecture, Arts, Economics,
UNIVERSITY LIBRARIES

and Commerce, Education, Engineering, Medicine, Science and Mathematics and Social Sciences. It holds an extensive range of government publications, microforms, audiovisual media, archival materials and a Rare Book Collection. Specialist services are provided in Biomedicine, Law, and audiovisual media.

Other services include: Loans, Short Loans, CD-ROMs, Online Searching, Reference Service, Inter Library Services, Archives.

The Short Loan Collection contains materials in high demand: students may borrow these for restricted periods.

The Biomedical Reading Room houses books, serials, pamphlets and reference material in Biological Sciences and Medicine; i.e. within the classification ranges O17-018.491 and 570-619. It also includes a special area, the Medical Reserve, which holds a variety of resources and equipment supporting the Faculty of Medicine’s innovative and highly resource-dependent curriculum.

Collections of resources are also maintained in seven country centre hospitals for the use of students in clinical learning settings: Tamworth, Griffith, Mildura, Orange, Lismore and Dubbo. There is a formal agreement between the University and the Area Health Board on the operation of the Gardiner Library Service under which registered users of the Auchmuty and Gardiner Libraries enjoy complete reciprocity.

The Law Reading Room houses books, serials, and primary law materials including law reports, acts, bills and regulations.

The Audiovisual section includes computer-based multimedia.

Further information and assistance can be obtained at the Auchmuty Library Reference Desk: (02) 215851.

Huxley Library

Located in the Hunter Building, this library supports the teaching and research requirements of the Faculties of Health Sciences, Nursing, Education and Art, Design and Communication. The Library has an extensive collection of audiovisual media and curriculum material and receives all publication from the NSW Department of School Education.

Other services include: Loans, Reference Service, CD-ROMs, Online searching, Inter Library Services, External Student Service, Short Loans. Borrowers may have access to the Short Loan Collection for restricted periods.

Further information and assistance can be obtained at the Huxley Library Reference Desk: (02) 215851.

Newcastle Conservatorium of Music Library

The Library contains a collection of books, serials, scores, CDs, and sound recordings. It is located at the Newcastle Conservatorium of Music, on the corner of Gibson and Auckland Streets, in the city.

Currently only students and staff of the Conservatorium of Music can borrow from this Library. This includes Music Education students enrolled on the Callaghan campus.

Further information can be obtained by contacting the Librarian on 921133.

Central Coast Campus Library

The Library has a small but growing collection of books, serials and audiovisual media which supports teaching programmes in Arts, Business, Social Sciences and Education.

Further information can be obtained by ringing (063) 620777.

Gardiner Library Service

There are three separate libraries within the service: the John Hunter Hospital Branch, the Royal Newcastle Hospital Branch and the Mater Hospital Branch. The specific opening hours for these libraries will be published through NEWCAT and the appropriate library guides.

Further information can be obtained by ringing 21 3779.

Borrowing/Identification Cards

Students need an identification card to borrow. Please remember to carry your card with you at all times if you wish to borrow or use library facilities. If books are borrowed on your card by anyone else, you are responsible for them. Report any lost card to the Loans Desk staff immediately to prevent unauthorized use. Replacement cards are available for $5.00 from the Student Division Office in the Chancellorcy.

Borrowing Rights

For the details of loan conditions students should refer to the Library Guide which is available immediately to preveot lost cards.

Books must be returned to the Library from which they were borrowed. A fine of $2.00 per item is levied when material is two days overdue. The fine will increase by 50 cents per day per item until the material is returned. Borrowing rights are also withdrawn. If library material is lost or damaged, the replacement cost, plus processing fee, will be charged.

Access to Information

Library facilities include the computerised catalogue NEWCAT, which provides direct access to information about material held in the Auchmuty, Huxley, Conservatorium, Central Coast and Area Health Libraries. The Auchmuty and Huxley Libraries also hold databases on CD-ROM to enable students and staff to find journal articles in their subject areas. The print versions of other indexes are available in the Reference Collection for manual searching. Some are on computerised databases available via telecommunication networks. AANet, the Australian Academic Network, provides access to others.

Photocopying

Photocopying facilities are available in all University Libraries. The machines are operated by magnetic-strip cards which can be purchased in the Library. Credit for the photocopying can be added to these cards from a dispenser as many times as needed. Users must observe the relevant Copyright Act provisions which are on display near the photocopying machines.

Inter Library Services

This service is available to academic staff, higher degree and honours final year students. Material not held in the University of Newcastle Libraries may be obtained from other libraries within Australia and overseas. Books and serials readily available within Australia should arrive within two weeks. A Fast Track Service is available, at extra cost, for urgent requests.

Disabled Persons

All libraries provide access for disabled students and staff. Both Auchmuty and Huxley libraries provide special services for physically disabled and visually impaired library users. Contact the librarians in each Library will help with information about the library, parking, lift keys and other facilities such as the Beelte Library, a Kurzweil machine which reads aloud from English printed text and access to large-print NEWCAT, the University Libraries’ online catalogue. Please phone 215851.

Hours of Opening

AUCHMUTY LIBRARY

Term Hours:

Monday to Thursday 9.30am to 9.00pm

Friday 9.30am to 9.00pm

Saturday & Sunday 9.00am to 1.00pm

Semester Breaks:

Monday to Friday 9.00am to 1.00pm

Saturday & Sunday Closed

UNIVERSITY LIBRARIES

Term Hours:

Monday to Thursday 8.30am to 7.00pm

Friday 8.30am to 5.00pm

Vacation: Monday to Friday 8.30am to 5.00pm

Libraries Closed:

Australia Day, Easter Monday, Christmas, Boxing Day, New Year

Library Open:

Monday 8.30am to 5.00pm

Tuesday 8.30am to 5.00pm

Wednesday 8.30am to 9.00pm

Thursday 8.30am to 9.00pm

Friday 8.30am to 5.00pm

Saturday 9.00am to 1.00pm

HUXLEY LIBRARY

Term Hours:

Monday to Thursday 8.30am to 9.00pm

Friday 8.30am to 9.00pm

Saturday & Sunday 9.00am to 1.00pm

VACATION:

Monday to Friday 8.30am to 5.00pm

Saturday & Sunday Closed

Central Coast Campus Library

Please contact the Library on 620777.
design to equip the Rehabilitation Counsellor to play a central role in recognising the interplay of such forces, and to co-ordinate them for the well-being of the client.

APPROVED PROGRAM OF STUDY - REHABILITATION COUNSELLING

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<thead>
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<th>Subject Code</th>
<th>Name (Alias)</th>
<th>Year</th>
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Year 2

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<td>Health Research Design [HSS02P]</td>
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</tr>
</tbody>
</table>

MASTERS OF HEALTH SCIENCE

(Primary Health Care)
(Rehabilitation Counselling)

These programs were introduced in 1992 for the first time and are a logical academic extension of the aligned Graduate Diploma in Health Science programs (see above). The Graduate Diploma program is normally attempted over two part-time years. The degree has a wide range of activities, a multi-professional core of health subjects and a longer, guided period for development and completion of its research projects than most Honours programs.

Under normal admission, candidates will enter the second full-time equivalent year of the Masters program (the research thesis year). Those who have completed this University’s associated Graduate Diploma in Health Science will be given advanced standing for the first full-time equivalent year of the Masters degree program:

APPROVED PROGRAM OF STUDY

Year 1 (One year full-time or equiv. part-time) Credit Points

As for related Graduate Diploma in Health Science (see program above) | 80

Year 2 (one year full-time or equivalent part-time) consists of the Research Thesis (80 credit points). A research proposal is actually a criterion for entry to the research year. Research methodology seminars will also occur during this year.

GRADUATE DIPLOMA AND MASTERS IN HEALTH SERVICES MANAGEMENT

Duration 2 years part time (Graduate Diploma) 80 cp
3 years part time (Masters) 120 cp

The Graduate Diploma and Masters in Health Services Management aims to prepare health service professionals for responsible leadership and management roles in a dynamic health environment. Both courses promote the development of analytical and innovative approaches to the use of scarce health resources at local, state and national levels. The Masters Program emphasises the enhancement of skills of senior managers in the areas of organisation analysis, management of change, quality improvements and health service evaluation.

APPROVED PROGRAM OF STUDY

Year I Credit Points Semester

| HOLH561 | Health Care Systems | 10 | 1 |
| MED632 | Health Economics 2* | 10 | 2 |
| CMM506 | Management Accounting | 10 | 2 |
| MNGT555 | Introduction to Management* | 10 | 1 |
|         |                     | 40 |   |

Year II

| MED613 | Basic Biostatistics | 10 | 1 |
| LAW520 | Health Service Law | 10 | 1 |
| HOLH562 | Health Services Management | 10 | 2 |
| ECON503 | Employment Relations | 10 | 2 |
| or MNGT511 | Management Information Systems | 10 | 2 |
|         |                     | 40 |   |

Year III (Masters Students)

| PSH561 | Social/Ethical Issues | 10 | 1 |
| HOLH662 | Evaluation of Health Services | 10 | 1 |
| or ECO502 | Executive x2 | 20 | 2 |
| or HOLH663 | Health Service Management Research Project | 20 | 2 |
|         |                     | 40 |   |

* The semester in which these two subjects are offered is yet to be finalised.
Subjects have been given a unique code, title and credit point value. Subject codes have been revised for 1993. For those subjects which are components of a course being phased out, such as the Diploma of Applied Science (Medical Radiation Technology) the codes remain unchanged. The credit point value of a subject indicates the workload of a subject as a proportion of a normal full-time programme (80 credit points). Similarly, the Credit Point Value of a subject indicates the proportion of the annual HECS liability which arises from enrolment in the subject.

The subjects have been divided into:

(i) Undergraduate Subjects (under the headings of: Radiography Diploma; Holistic Health, Applied Life Sciences, Psychosocial Health Studies, Health Professions, Radiography Degree and Consumer Science) and

(ii) Postgraduate Subjects (under the headings of: Graduate Diploma in Health Science; Graduate Diploma/Master of Health Services Management).

Students will be advised on the assessment procedures and requirements for each subject by the relevant department offering the subject.

Full details about semester of offer, pre and co requisites are in Section Eight.

Please check that Section carefully to ensure all pre and corequisites are met.

**SECTION SEVEN**

### SUBJECT DESCRIPTIONS

This section contains descriptions of the content of subjects available to students in the Faculty of Health Sciences. Each subject has been given a unique code, title and credit point value. Subject codes have been revised for 1993. For those subjects which are components of a course being phased out, such as the Diploma of Applied Science (Medical Radiation Technology) the codes remain unchanged.

The credit point value of a subject indicates the workload of a subject as a proportion of a normal full-time programme (80 credit points). Similarly, the Credit Point Value of a subject indicates the proportion of the annual HECS liability which arises from enrolment in the subject.

The subjects have been divided into:

(i) Undergraduate Subjects (under the headings of: Radiography Diploma; Holistic Health, Applied Life Sciences, Psychosocial Health Studies, Health Professions, Radiography Degree and Consumer Science) and

(ii) Postgraduate Subjects (under the headings of: Graduate Diploma in Health Science; Graduate Diploma/Master of Health Services Management).

Students will be advised on the assessment procedures and requirements for each subject by the relevant department offering the subject.

Full details about semester of offer, pre and co requisites are in Section Eight.

Please check that Section carefully to ensure all pre and corequisites are met.

**RADIOGRAPHY SUBJECTS**

**DIPLOMA OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)**

**CONTINUING STUDENTS ONLY**

Note: The 100 level RA subjects will be offered for the last time in 1993. Similarly, the 200 level subjects will be offered for the last time in 1994 and so on. The last intake of students into this course was in 1991.

**RA110S PHYSICS FOR MEDICAL RADIATION TECHNOLOGISTS**

Last year of offer.

This subject provides the foundation study in an understanding of the principles utilized by the various modalities of medical radiation technology. This subject in providing such a basis, will enable the student to understand and appreciate the principles of operation of radiographic, ultrasonic and nuclear medicine instrumentation.

**RA111S IMAGING INSTRUMENTATION I**

Last year of offer.

This subject provides the student with the opportunity to develop an understanding of the mode of operation of frequently encountered radiographic, ultrasonic and nuclear medicine instrumentation.

Topics include: photographic process; basic x-ray equipment and concepts in nuclear medicine.

**RA112S ANATOMY AND PHYSIOLOGY I**

A continuation of study from Living Anatomy and Physiology 1.

Topics include: detailed anatomy and physiology of visceral systems; digestive tract; renal tract; reproductive organs; vascular and lymphatic systems; nervous and ventricular systems and spinal senses.

**RA115S COMPUTING TECHNOLOGY IN MEDICAL RADIATION TECHNOLOGY**

Last year of offer.

Students will study the application of computer technology in organ imaging. Topics include: hardware, software, application in cardiac studies, computed axial tomography, ultrasound investigations, archival systems for storage and retrieval, data management systems, word processing, graphics and spreadsheets.

**RA116N PRINCIPLES OF PATIENT CARE**

Last year of offer.

This subject will assist students to understand the basic principles of patient care, and to gain a perspective on the role of their profession in the overall care of the patient.

**RA118S IMAGING INSTRUMENTATION II**

This subject provides the opportunity to develop an understanding of the mode of operation of frequently encountered radiographic, ultrasonic and nuclear medicine instrumentation.

This module covers equipment used for specialised radiographic procedures, such as computerised tomography, ultrasound and magnetic resonance imaging.

**RA119S ANATOMY AND PHYSIOLOGY II**

A continuation of study from Living Anatomy and Physiology 2.

Topics include: detailed anatomy and physiology of visceral systems; digestive tract; renal tract; reproductive organs; vascular and lymphatic systems; nervous and ventricular systems and spinal senses.

**RA120S RADIATION THERAPY PRINCIPLES**

This subject aims to present the student with the physical principles underlying the use of ionising radiation in radiotherapy. Topics include:

- use of ionising apparatus;
- concepts of therapeutic radiography;
- principles of computer planning;
- radiation protection and its application;
- applications of computers in radiotherapy.

**RA121S RADIATION THERAPY PRACTICE**

This subject will begin to develop an understanding of manual and computer planned radiotherapy treatment. Topics include:

- principles of computer planning;
- dose distribution and its application;
- optimisation of treatment planning;
- treatment modalities;
- effects of radiation;
- applications of a simulator.

**RA122S NUCLEAR MEDICINE PRINCIPLES**

Topics include: review of radioactivity, decay modes and interactions of
RA223S  RADIOPHARMACY AND BIOLOGICAL EFFECT  5cp

This foundation study will equip the student with basic skills and knowledge of medical radiology.

RA317S  STUDIES IN ULTRASOUND  15cp

This subject will develop study in cross-sectional anatomy.

RA318S  CROSS-SECTIONAL ANATOMY  10cp

This subject provides the opportunity to develop study in cross-sectional anatomy.

RA319W  BIOETHICAL AND SOCIAL ISSUES IN HEALTH CARE  10cp

This subject provides the opportunity to apply theoretical concepts in a clinical setting. In addition, the skills of positioning introduced in Techniques and Surface Anatomy 3 and Studies in Ultrasound will be further reinforced.

RA320S  CLINICAL STUDIES 3  20cp

This subject provides the opportunity to apply theoretical concepts in a clinical setting. In addition, the skills of positioning introduced in Techniques and Surface Anatomy 3 and Studies in Ultrasound will be further reinforced.

RA321S  RADIATION THERAPY PRACTICE  2 15cp

This subject encompasses specialised procedures in radiotherapy, computer planning and the application of computed tomography in treatment planning. Topics include:

- treatment planning;
- advanced hand planning techniques;
- tissue compensation;
- planning hand techniques;
- irradiation modalities and applications;
- electron beams, evaluation and use;
- principles of mixing modalities;
- interactive CT planning;
- 3-D planning;
- MRI localisation and planning of tumour treatment;
- ultrasound localisation and planning of tumour treatment;
- advanced computer aided planning systems.

RA322S  PRINCIPLES OF ONCOLOGY  15cp

This subject aims to develop an understanding of the methods of treatment and their rationale. Topics include:

- dose tolerance at specific sites;
- treatment methods.

RA323S  TUMOUR PATHOLOGY  10cp

This subject will develop an understanding of tumour types, classifications, patterns of growth and methods of spread. Topics include:

- tumours;
- tumour growth patterns;
- tumour spread;
- classification of tumours;
- tumour histology;
- tumours of specific regions.

RA324S  RADIOPHARMACY II  5cp

This subject will focus on:

- radioisotopes and pregnancy;
- therapeutic radiopharmaceuticals;
- counting techniques;
- radiation decontamination techniques in relation to radiotherapy;
- in vitro radiopharmacy;
- laboratory techniques and relevant equipment;
- cell radio labelled techniques.

RA325S  NUCLEAR MEDICINE PRINCIPLES II  5cp

Topics include:

- digitisation of images;
- computer storage of images;
- computer manipulation of stored digital image data;
- display of stored digital image data;
- hard copy of stored digital image data.

RA326S  NUCLEAR MEDICINE PRACTICE II  15cp

Topics in this subject include:

- Applications of radiodiagnostic techniques for:
  - cardiovascular system;
  - endocrine system;
  - tumour localisation;
  - infection localisation;
  - therapeutic applications;
  - in vivo tracer studies;
  - paediatric applications;
  - positron emission tomography;
  - bone densitometry;
  - the Gamma Camera;
  - digital and multicrystal cameras;
  - nuclear medicine computer systems;
  - single photon emission tomography;
  - positron emission tomography;
  - magnetic resonance imaging and spectroscopy;
  - tracer principles;
  - in vivo quantitation;
  - statistical techniques;
  - Fourier theory;
  - recent developments.

HOLISTIC HEALTH STUDIES SUBJECTS

HOLH101  HEALTH 1  10cp

Establishes a transdisciplinary perspective on health, acts as a foundation for the health subjects across the following three or four years of the course and examines the individual and their health practices, exploring the idea of personal responsibility in personal health. The importance of research as a necessary tool of practice is also examined.

Health 1 focuses on individual health and the factors which influence individual well-being. It addresses health from an historical, cultural and ecological perspective and examines ways and means of assessing and promoting individual health. The health of individuals is seen to be intrinsically related to the future subjects and Health 1 seeks to establish in students a sound grounding for Health II, Health III and Health IV.

HOLH201  HEALTH 2  10cp

Develops an understanding of interrelationships between the family, the community and health with particular reference to the Hunter Region and examines discipline specific principles in relation to the epidemiological data.

HOLH301  HEALTH 3  10cp

This subject focuses on national and State health policies and practices in Australia; major health issues associated with the goals of "Health for all by the Year 2000" in Australia and neighbouring countries; cross-cultural perspectives in health practices; occupational health; research design applied to these related topics.

APPLIED LIFE SCIENCES SUBJECTS

ALSIC101  HUMAN BIOSCIENCE I  20cp

Pre requisite Nil

Corequisite Nil

Hours 5 hours per week

Semester Offered Full Year

Subjects Coordinator Paul McGrath, Examination Assessment is based on short tests and laboratory reports throughout the year as well as a semester exam and a final year exam.

Content

This subject is designed to provide a foundation study in the life sciences with particular emphasis on human anatomy and
ALSC102 HUMAN BIOSCIENCE IIA 15cp
Prerequisite Nil
Corequisite Nil
Hours 5 hours per week
Semester Offered Full Year
Examination Assessment is based on short tests and laboratory reports throughout the year as well as a semester exam and a final year exam.

**Content**
This subject is designed to provide students of Occupational Therapy with a foundation study in the life sciences, with particular emphasis on human anatomy and physiology. It will provide the basis for the development of a more profession specific subject in Second Year.

**Tests**
Sutors and Anagnostikos Principles of Anatomy and Physiology, 6th edn.


**References**

ALSC103 HUMAN ANATOMY & PHYSIOLOGY I 20cp
Prerequisite Nil
Corequisite Nil
Hours 5 hours per week
Semester Offered Full Year
Lecturer B.F. Cook
Examination Assessment Two 3 hour papers, progressive quizzes, laboratory reports.

**Content**
This subject will provide an introduction to basic concepts in embryology. Some important aspects of comparative anatomy and physiology of the animal kingdom will be made. Important aspects of plant physiology and genetics will be introduced.

**Tests**
No set text.


**References**

ALSC104 CHEMISTRY (N & D) 10cp
Prerequisite Nil
Corequisite ALSC101 Human Bionsciences I or IIA
Hours 4 hours per week
Semester Offered Semester Two
Lecturer B.F. Cook
Examination Assessment Two 2 hour papers, progressive quizzes, laboratory reports.

**Content**
This subject develops an understanding of the structure and function of human organs and systems, as it relates to the practice of Occupational Therapy.

**Tests**
No set text.


**References**

ALSC106 EMBRYOLOGY AND COMPARATIVE PHYSIOLOGY 10cp
Prerequisite Nil
Corequisite ALSC101 Human Bionsciences I or IIA
Hours 4 hours per week
Semester Offered Semester Two
Lecturer B.F. Cook
Examination Assessment Two 2 hour papers, progressive quizzes, laboratory reports.

**Content**
This subject will provide an introduction to basic concepts in embryology. Some important aspects of comparative anatomy and physiology of the animal kingdom will be made. Important aspects of plant physiology and genetics will be introduced.

**Tests**
No set text.


**References**

ALSC202 HUMAN BIOSCIENCE IIA 10cp
This subject focuses on the mechanisms and neurophysiology and exercise physiology as they relate to occupational Therapy.

**Prerequisite**
ALSC103 Human Anatomy & Physiology I

**Corequisite**
ALSC201 Human Physiology II

**Hours**
4 hours per week

**Semester Offered Full Year**

**Lecturer**
B.F. Cook

**Examination**
Two 2 hour papers, progressive quizzes, laboratory reports.

**Content**
A continuation of study from Human Anatomy & Physiology I. Topics include: detailed anatomy and physiology of the gastrointestinal tract, renal system, reproductive systems, cardiovascular system, lymphatic system, nervous and sensory systems.

**Tests**
No set text.

**References**

**Notes**
SECTION SEVEN

ALSC002 MICROBIOLOGY & IMMUNOLOGY

A basic study of the classification of microorganisms with particular emphasis on pathogens; structure, growth and metabolism of microorganisms; food poisoning; microbial production of food.

ALSC003 SECTIONAL ANATOMY

This subject provides the opportunity to study sectional anatomy in depth.

ALSC009 ONCOLOGY PATHOLOGY

This subject addresses the understanding of tumour types, classification, patterns of growth, methods of spread with reference to histology staging, which provides an understanding of treatment applications.

PSYCHOSOCIAL HEALTH STUDIES SUBJECTS

PHSH101 HEALTH PSYCHOLOGY I

Corequisite Nil

Hours One hour mass lecture plus tutorials and workshops

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

Topics include the principles of behaviour change; counselling and client/professional relationships; motivation and perception from 1st to 2nd year; conformity, consumer education, cultural diversity and social psychology of individuals and groups. The health sociology strand introduces theories and their applications in the areas of the social construction of the context, practice and knowledge base of different health occupations.

Texts

To be advised.

PHSH102 HEALTH SOCIOLOGY I

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Progressive assessment and final examination

Content

In this subject students will be introduced to basic sociological concepts and their application to health. In particular they will examine the concepts and theories which underpin the analysis of the distribution of health and illness, and access to health services in Australian society.

Texts

To be advised.

PHSH202 HEALTH PSYCHOLOGY/SOCIOLOGY 2 (O/T)

Corequisite PHS101, PHS102

Hours 4 hours per week

Semester Offered

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH206 APPLIED BEHAVIOURAL STUDIES

Corequisite Nil

Hours 2 hours per week

Semester Offered Semester One

Examination Progressive assessment

Content

A sociological analysis of health care issues provides students of Medical Radiation Technology with a basic appreciation and understanding of the social context of health care delivery in Australia. All health care systems are the product of political and economic forces and competing interests. This subject also aims to focus on health and illness in a broad sociological context, taking into account the significance of factors such as class, occupation, race, ethnicity, age and gender.

Texts

To be advised.

PHSH301 HEALTH PSYCHOLOGY/SOCIOLOGY 3 (O/T)

Corequisite PHS101, PHS102

Hours 4 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH303 SOCIAL ISSUES IN HEALTH CARE

Corequisite Nil

Hours 2 hours per week

Semester Offered Semester Two

Examination Progressive Assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH304 BIOETHICAL ISSUES IN HEALTH CARE

Corequisite Nil

Hours 2 hours per week

Semester Offered Semester Two

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH305 OCCUPATIONAL PHYSIOLOGY

Corequisite Nil

Hours 2 hours per week

Semester Offered Semester Two

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH306 OCCUPATIONAL THERAPY PRACTICE I

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH307 OCCUPATIONAL THERAPY PRACTICE II

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH308 OCCUPATIONAL THERAPY PRACTICE III

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH309 OCCUPATIONAL THERAPY PRACTICE IV

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH310 OCCUPATIONAL THERAPY PRACTICE V

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH311 OCCUPATIONAL THERAPY PRACTICE VI

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH312 OCCUPATIONAL THERAPY PRACTICE VII

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.

PHSH313 OCCUPATIONAL THERAPY PRACTICE VIII

Corequisite Nil

Hours 3 hours per week

Semester Offered Full Year

Examination Final Examination plus progressive assessment

Content

This subject introduces the student to basic concepts in psychology as well as a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

Texts

To be advised.
<table>
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<th>Corequisite</th>
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<td>Exam</td>
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<td>Lecturer</td>
<td>Irene Munro</td>
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**NUDI201 NUTRITION AND DIETETICS PRACTICE 1**

(Alina ND1001M)

Prerequisite ALSC101, ALSC102, ALSC104, PROP102

Corerequisite ALSC205, ALSC206, HOLH201

Hours 4 hours per week lectures, 4 weeks (160 hours) practice and 1 hour per week tutorial.

Semester Offered Full Year

Lecturer Y. Webb

Examination Assessment consists of seminar performance, theory examination and an oral and written presentation of practice.

Content

Nutritional aspects of the macro- and micro- nutrients; dietary tools; nutrition throughout the life-cycle; cultural and religious influences on food patterns.

Practice consists of a 4 week placement in a Community Nutrition setting developing Needs Assessment.

Text


References

Miller, B.F. & Keane, C.B. Encyclopedia & Dictionary of Medicine, Nursing & Allied Health, Saunders, W. B.

NUDI207 FOOD SCIENCE II

(Alina AF0201S)

Prerequisite ALSC109 and NUDI105

Corerequisite Nil

Weeks 5 hours per week

Semester Offered Full Year

Lecturer Irene Munro

Examination Progressive assessment combines laboratory work and reports, assignments and examination(s)

Content

This subject will assist students to develop an understanding of the science of nutrition which will then be used to critically appraise nutrition information and its application to the dietary needs of the various members of the community. Topics covered will include the digestion, assimilation and metabolism of carbohydrates, lipids and proteins; the nature and role of vitamins and the function of metabolism of the nutritionally important mineral elements in human nutrition; the role of the cardiovascular system in the transport of nutrients, respiratory gases and waste; and the Australian Dietary Guidelines in relation to different dietary patterns and the Australian Food Industry.

Texts

No set text.

NUDI210 CONSUMER STUDIES II

(Alina AF0201S)

Prerequisite NUDI105

Corerequisite Nil

Weeks 2 hours per week

Summer Offered Full Year

Lecturer Irene Munro

Examination Progressive, including assignments, laboratory work and reports, case studies and work experience.

Content

This subject aims to increase the students' understanding of the way in which psychological and social factors influence consumer decision making and patterns of consumption, and the consequential social and environmental impacts of consumer behaviour. A study will also be made of the provisions and proposals for consumer protection, representation, participation and education.

Texts

No set text.

NUDI301 NUTRITION AND DIETETICS PRACTICE 3

(Alina ND301M)

Prerequisite NUDI201, ALSC206, ALSC205

Corerequisite HOLH301, ALSC301, ALSC302

Hours 2 hours per week theoretical dietetics, lectures 3 hours per week food preparation, 3 hours per week catering management, lectures and visits, 2 hours per week case studies workshops and 8 weeks practical.

Semester Offered Full Year

Examination: Assignments, assessment and assessment of practice.

Content

1. Develops an understanding of the principles of therapeutic dietetics and the related medical principles and treatment in the areas of CVD, diabetes mellitus, renal disease, cancer and AIDS, the special needs of surgery, burns, sport.

2. Introduces the principles of menu planning, ordering, receiving and inventory control; cost control; quality control in food service, food distribution, preparation and storage systems, kitchen planning and equipment, staffing; food hygiene regulations.

3. Practice in small scale and large scale food preparation.

Texts

To be advised.

NUDI304 FOOD TECHNOLOGY

(Alina AF0301S)

Prerequisite NUDI207

Corerequisite Nil

Hours 4 - 5 hours per week

Semester Offered Full Year

Examination Progressive, including assignments, laboratory work and reports, case studies and work experience.

Content

This subject aims to provide students with the opportunity to investigate methods of processing and preserving food commodities for consumer appeal and convenience, as well as to consider methods for developing alternative food resources to meet increasing food needs throughout the world.
Topics covered will include food preservation, food enzymes, food technology, synthetic foods, food analysis, bulk food handling, quality assurance in the industrial food laboratory, food and drug laws, and the history of food technology in Australia.

Texts
To be advised.

NUDI065 APPLIED NUTRITION III

20cp

(Alus A/502S)

Prerequisite NUDI208

Corequisite Nil

Hours 4 - 5 hours per week

Semester Offered Full Year

Lecturer H. White

Examination: Progressive, including laboratory work, workshops, case studies, assignments, field work, examination.

Content
This subject will assist students to understand diet-related problems and aid in behaviour through education and promotion for improved nutritional status for community members. Topics studied include human nutrition through the life cycle, assessment of nutrition status, application of dietary guidelines in quantity food production and processed food production, sociological and organoleptic influences in food production, strategies for implementing positive nutrition programmes at community level, international perspectives on nutrition and national and international nutrition organizations including WHO and FAO.

Texts
To Be Advised.

NUDI066 FOOD PRODUCT DEVELOPMENT PROJECT

20cp

Prerequisite NUDI207

Corequisite Nil

Hours 5 hours per week

Semester Offered Full Year

Examination Project

Content
This subject places the student in the position of bringing a food product from concept to commercial stage. Students will be encouraged to liaise with the food industry to develop a food product for the retail market. The investigatory work requires desk, field and practical research relating to consumers, products and commercialisation.

Development of a food product will involve: identification of market niche; product design and development; sensory/ consumer evaluation; 'scale-up' techniques; production, packaging, labelling and marketing; quality control.

Texts
No set text.

NUDI070 NUTRITION AND DIETETICS PRACTICE 4A

15cp

(Alus NDI028)

The subject covers the dietary modifications and principles thereof in paediatrics including diabetes, malabsorption syndromes, cystic fibrosis and inborn errors of metabolism. Also included:

- external and parental feeding;
- special needs of prematurity, failure to thrive and the physical and mentally handicapped;
- dietary manipulations and behaviour modification in weight control; other methodologies of weight control.

NUDI071 NUTRITION & DIETETICS PRACTICE 4B

25cp

(Alus NDI029)

The student will be provided with opportunities in the clinical setting to develop skills in accountability, decision making and practice. This subject integrates knowledge and skills gained in all previous subjects of the course.

NUDI072 NUTRITION AND DIETETICS PRACTICE 4C

15cp

(Alus NDI030)

This subject provides opportunities for skills acquisition and proficiency in the applied management skills of clinical dietetics, food service management and community nutrition programs. Also considered is the design, implementation and evaluation of quality assurance programs; budgeting and financial planning.

NUDI073 BIOCHEMISTRY 4

15cp

(Alus NDI015)

Areas of study include:

- an advanced study of clinical and dietics aspects of metabolism;
- abnormal biochemical pathways including those in starvation, cancer and inborn errors of metabolism;
- nutrient - drug, nutrient - nutrient interactions;
- requirements and role of essential fatty acids and prostaglandins;
- analytical aspects of polysaccharide identification, biochemical implications;
- animal nutrition.
SECTION SEVEN: UNDERGRADUATE SUBJECT DESCRIPTIONS

UNDERGRADUATE SUBJECT DESCRIPTIONS

culminating in a knowledge appropriate for Diagnostic, Nuclear Medicine and Radiotherapeutic positioning. Laboratory/Tutorial sessions are incorporated to allow the student to develop and reinforce clinical presentations in a simulated atmosphere. Clinical presentations including trauma (major and minor), Pathology, Paediatric and Geriatric modifications in pre-clinical development will prepare the student for Clinical Application II.

By attaining a knowledge of Surface Anatomy and rudimentary Diagnostic Imaging or Treatment techniques students will be able to produce Diagnostic Images or perform a range of Radiotherapeutic procedures such as simulation, treatment and moulding.

The topics covered in MRTC014 are divided into Common core units, grouping "like" concepts of study. This approach will provide the student with a fundamental knowledge of the strands and imaging techniques in MRT prior to developing specific skills in their designated strand in Year II and III.

Tests

References
To be advised

MRTC015: CLINICAL APPLICATIONS I

5cp
Prerequisite Nil
Corequisite MRTC04 Medical Radiation Techniques

Hours
One one-week block in first semester and one three-week block in second semester (total 120 hours)

Semester Offered Full Year
Examination Clinical Workbooks, Clinical experiences, Reports Content
This subject provides the student with the opportunity to apply theoretical concepts in a clinical setting.

The integrated blocks of clinical studies will facilitate increased confidence and competence in the performance of elementary procedures. At the same time, the student will gain a better understanding of the health care team and the role of the medical radiation technologist as a member of that team.

As a result of completing this subject, the student will:
- have a basic knowledge of the procedures identified in the subject Medical Radiation Techniques;
- be able to apply relevant theoretical concepts and principles from the foundation studies in the clinical setting;
- demonstrate the psychomotor skills required to produce a meaningful result;
- be able to evaluate his/her own performance of activities, according to the level of experience;
- observe the roles and functions of other medical radiation technologists and health team members in the delivery of health care.

References
Diagnostic Radiography

Radiation Therapy
Leung, P.M.K. 1978, The Physical Basis of Radiotherapy, Princess Margaret Hospital, Ontario.

MRTC016: MRT COMPUTING

5cp
Prerequisite Nil
Corequisite Nil

Hours
Two hours per week face to face, three hours per week directed study

Semester Offered Semester two
Examination Assignments, class tests and examination Content
The impact of computer technology on medical radiation technology has been far reaching, to the extent that some instrumentation, such as CT, may be regarded as a product of radiography and computer technology. The applications of computers including hardware, software and major investigative applications as presented in this subject, will expose the student to the increasing role of computer technology in organ imaging.

On completion of this component, the student will be able to:
- describe and explain the display and image recording systems utilised in organ imaging
- explain the limitations of computer-generated information arising from both software and hardware
- apply software packages to clinical investigations
- demonstrate a working knowledge of common applications of computing, such as data management, word-processing and spreadsheets.

References

MRTC017: PRINCIPLES OF PATIENT CARE

5cp
Prerequisite Nil
Corequisite Nil

Hours
Three hours per week for one semester

Semester Offered Semester one
Lecturer Shirley Butter
Examination One 2 hour paper plus progressive assessment Content
Patient Care shall provide the student with an opportunity to see how his/her chosen profession relates to the overall care of the patient, caring for people of all ages in the context of both the community and hospital environment. The subject will introduce the student to basic communication skills which are considered to be necessary for effective practice within the person-oriented health care professions. The fundamental principles of universal infection control, lifting and transfer techniques and safety in the workplace will be introduced in order to ensure a safe working environment for both the patient and the care provider.

Tests
Carvana, E. 1991, Notes on Patient Care, 5th edn, Cumberland College of Health Science.

MRTC020: DIAGNOSTIC INSTRUMENTATION

10cp
Prerequisite MRTC02 MRT Instrumentation, MRTC011 MRT Physics, Radiation, Biology and Protection
Corequisite Nil

Hours
Three hours per week face to face, three hours per week directed study

Semester Offered Full Year
Examination Examination and assignments Content
This subject provides a knowledge of diagnostic X-ray, specialized equipment (e.g. tomography), and introduces digital imaging. It also addressed quality assurance as well as protection of patients and staff.

Students will be able to explain:
- how X-ray output is regulated despite variations in space charge and power loss which accompany changes in techniques
- the need for tube rating as well as the factors which determine their
equipment used in fluoroscopy, tomography, mammography, etc
digital equipment e.g. CT and DSA
need for quality control programs and how they are practised
how patients and staff exposures can be optimally reduced without compromising imaging criteria

Principles of magnetic resonance imaging.

Topics include:
- Cables, fuses, mechanical switches
- Simplified Diagnostic Circuits, including
  - Mains voltage compensation
  - Supply cable compensation
  - Space charge compensation
  - kV compensation
  - kv compensation
- Electronic Devices and Switches
- Exposure Timers
- Falling Load and High Frequency Generators
- Tubes and Heavy Duty Tubes
- Tub Ratings and Protection circuits
- Fluoroscopy and Fluorography
- Mobiles, Dental and Skull Units
- Tomography
- Anatomical Programmed Units
- Mammography
- Radiation Protection for Patients and Staff
- Quality Assurance
- Digital Imaging Systems
- Computed tomography
- Magnetic Resonance Imaging
- Texts
SECTION SEVEN

FORSTER, B. 1986, Equipment for Diagnostic Radiography, Lancaster, MTP.

REFERENCES


MRTD 033 DIAGNOSTIC RADIOGRAPHY TECHNIQUES I

Prerequisite MRTC 014 Medical Radiation Techniques
Corequisite ALSC 203 Human Anatomy and Physiology II
Semester Offered Full Year

Hours Seven hours per week face-to-face, seven hours per week directed study

Examination Laboratories, assignments, mid year and final examination.

Content

The Development of Radiographic skills is a complex process involving the application of knowledge from Physics, Radiation Biology and Protection, Instrumentation, Human Anatomy and Physiology, Pathology and Applied Behavioural Studies to clinical investigations involving organs/systems and more complex anatomical Radiography.

The range of clinical investigations covered is increased by integrating specialised Diagnostic Imaging Techniques such as Tomography and Fluoroscopy.

Laboratory sessions are incorporated to allow the student to develop and reinforce clinical presentations in a simulated atmosphere. Sessions involve a problem based learning approach and traditional instruction to assist the student in radiographic film interpretation and fault finding.

The Pre-Clinical development prepares the student for Clinical Applications II.

The objectives of the subject are:

- acquired skills and knowledge in more complex Diagnostic Radiographic Techniques and surface anatomy will enable the student to generate appropriate radiographs;
- their knowledge of the application of contrast media to organs/systems will enable them to assist in the preparation and introduction of this Contrast Media as required;
- the students will have also acquired the ability to adapt to different patient presentations by modifying their radiographic technique.

Texts


References


Eisenberg, R.L. 1990, Comprehensive Radiographic Pathology, C.V. Mosby, St. Louis.


Darke, M.W. 1990, Trauma and Mobile Radiography, Davis College of Depag, Chicago.


MRTC 021 CLINICAL APPLICATIONS II

Prerequisite MRTC 015 Clinical Applications I
Corequisite MRTD 023 Diagnostic Radiography Techniques I or MRTC 028 Radiation Therapy Techniques I or MRTC 211 Nuclear Medicine Techniques I
Semester Offered Full Year

Hours One four-week block and one six-week block (total 400 hours)

Examination

Content

This subject provides the student with the opportunity to apply theoretical concepts in a clinical setting.

The integrated blocks of clinical studies will facilitate increased confidence and competence in the performance of selected procedures. At the same time, the student will gain a better understanding of the health care team and the role of the medical radiation technologist as a member of that team.

As a result of completing this subject, the student will:

- have a comprehensive knowledge of the procedures identified in the subject Diagnostic Radiography Techniques I or Radiation Therapy Techniques I, or Nuclear Medicine Techniques;
- be able to apply relevant theoretical concepts and principles from the foundation studies in the clinical setting;
- demonstrate the psychomotor skills required to produce a meaningful result;
- be able to evaluate his/her own performance of activities, according to the level of experience;
- observe the roles and functions of other medical radiation technologists and health team members in the delivery of health care;
- attain the level of imaging or planning and treatment competency detailed in the Clinical Studies Workbook.

References

Diagnostic Radiography


Darke, M.W. 1990, Trauma and Mobile Radiography, Davis College of Depag, Chicago.


RADIATION THERAPY

MRTD 070 RADIATION THERAPY INSTRUMENTATION

Prerequisite MRTC 010 MRT Physics, Radiation Biology and Protection, MRTC 021 MRT Instrumentation
Corequisite Nil

Hours Three hours per week face to face, three hours per week directed study

Examination Final and mid year examination, laboratory experiences and assignments.

This subject aims to present the student with the physical principles underlying the use of ionising radiation in radiotherapy. The presentation includes the physics of external beam therapy, brachytherapy, and computerised planning. There is an emphasis on radiation safety.

Upon completion of this subject the student will be able to:

- describe the physical principles of radiation beams and their interaction with materials;
- describe dosimetry methods and perform basic calculations of radiation emitting apparatus;
- analyse the parameters which affect isodose distributions;
- describe the applications of computers in planning;
- demonstrate a knowledge of radiation protection practices.

Topics include

Unit 1

- Usage of ionising apparatus with reference to how beams interact with matter.
- Detailed concepts of Therapeutic Radiography.
- Production of x- and gamma rays with specific reference to MRT.
- Superficial x-ray (SXR).
- Gamma emitters.
- Orthovoltage and supervoltage machines.
- Comparison and evaluations of the beam quality generated by therapy machines in establishing its usefulness.
- Parameters that affect isodose distribution

Unit 2

- Methods of apparatus calibration.
- Application of the principles of planning.
- Radiation protection and its applications.
- Application of computers in radiotherapy.
- Use of planning on computers.
- Application of CT images for planning.

Text

Khan, F.M. 1984, The Physics of Radiation Therapy, Baltimore, Williams & Wilkins.

References


Content
The development of radiotherapeutic skills is a complex process, involving the application of knowledge taken from physics, equipment, anatomy and physiology. In addition, the ability to visualise organs/systems in three dimensions from a two dimensional radiograph and/or CT image is essential to the practicing radiation therapist. These skills are introduced during the study of Medical Radiation Technicians. The student will commence to develop an understanding of both manual and computer planning procedures, simulation and the various treatment modalities. These skills, which are put into practice in the laboratory setting, will prepare the student to visualise organs/systems in the clinical setting. As well, the student will learn to deal with patients suffering from cancer in the oncological environment and will be able to assist other medical staff in an oncological emergency.

Text
References
Leung, P.M.K. 1978, The Physical Basis of Radiotherapy, Princess Margaret Hospital, Ontario.

CONSUMER SCIENCE SUBJECTS

AF103S FOOD AND TEXTILE SCIENCE 20cp
Prerequisites Nil
Corequisites Nil
Hours Five hours per week for one year
Assessment Progressive, based on class tests, laboratory reports and final examinations.
Content
• chemical approach to matter, atomic structure, bonding, chemical reactions;
• water solutions, acid-base equilibria;
• organic and biological compounds;
• introduction to human biology;
• elements of applied physics;
• survey of consumer products;
• analysis of selected consumer technologies.

AF102S FOOD AND NUTRITION I 20cp
Prerequisites Nil
Corequisites Nil
Hours Five hours per week for one year
Assessment Progressive assessment combines laboratory work, tests, assignments, reports and computer exercises.
Content
This subject examines basic human needs with respect to food and nutrition, the factors affecting food choice, food processing and the availability of food. Topics include:
• food resource management, both globally and domestically;
• chemical reactions and physical changes that occur during food preparation, heating, processing and storage. Food spoilage;
• the influence of technology on the development of domestic appliances and food preparation;
• nutritional role of food constituents and commodities, dietary analysis. The effect of climate, education, culture and socioeconomic status on the diet.

AF103S TEXTILES AND APPAREL TECHNOLOGY I 20cp
Prerequisites Nil
Corequisites Nil
Hours Five hours per week for one year
Assessment Progressive, based on class tests, assignments, laboratories and final examination.
Content
• fibre structures, compositions, identification;
• yarn structures and analyses;
• fabric structural designs;
• cloth geometries and physical properties;
• colour, finish and surface decoration;
• apparel construction - tools and basic techniques;
• apparel design for the individual;
• fashion development - cultural influences.

MNGT111 ORGANISATION BEHAVIOUR AND PRACTICES 10cp
Prerequisites Nil
Corequisites Nil
Hours Four hours per week for one semester
Assessment Includes essays, presentation, projects and an examination.
Content
The theories and causes of human behaviour in organisations to determine organisational effectiveness. Topics include:
• content and environment for management in Australia;
• attitudes, perception, personality, motivation, morale, learning;
• groups and teams;
• organisational structures and strategy;
• communication, decision making, leadership;
• corporate cultures, control;
• managing conflict, creativity and change;
• organisational development, organisational behaviour.

AF203S TEXTILE TECHNOLOGY II 20cp
Prerequisite AF103S Textiles & Apparel Technology
Corequisites Nil
Hours Five hours per week for one year
Assessment Progressive, based on assignments and final examination.
Content
• textile production in Australia - technologies and economics;
• yarn, fabric, floor coverings andLimit goods 0- design, manufacturing, technologies;
• apparel sectors - technologies, systems, economic data, technical data;
• waste monitoring and recycling in textile and apparel industries.

AF204S APPAREL TECHNOLOGY II 20cp
Prerequisites AF103S Textiles and Apparel Technology
Corequisites Nil
Hours five hours per week for one year
Assessment Progressive, based on assignments, seminars and laboratories.
Content
• Apparel designing by flat pattern method;
• principles of fit and pattern adaptation;
• design by draping;
• designer - consumer relationship;
• courtroom techniques in construction and finish;
• psychological and ergonomic aspects of clothing assemblies;
• theories of fashion change;
• fashion as a social and economic force.

MNGT227 HUMAN RESOURCE MANAGEMENT 10cp
Prerequisites Marketing Principles
Corequisites Nil
Hours Four hours per week for one semester
Assessment Based on assignments, laboratory tests and reports and examinations.
Content
This subject will enable the student to understand the role and principle of operations and human resource management as part of the business environment. Topics include:
• the nature and scope of human resource management and its relationship to the organisation’s corporate plans and strategies;
• information as a management resource;
• group decision-making and decision-making in an environment of risk and uncertainty;
• job-task design and goal setting;
• formal representation of management decisions as probabilistic basis;
• operations management and optimisation;
• human resource planning, acquisition, development and motivation and maintenance of human resources.

AF303S TEXTILE PERFORMANCE 20cp
Prerequisites AF203S Textile Technology
### UNDERGRADUATE SUBJECT DESCRIPTIONS

**SECTION SEVEN**

**MATH101 INTRODUCTORY STATISTICS** 10cp

**Prerequisite** Nil

**Corequisite** Nil

**Hours 3 lecture hours, 1 laboratory hour and 1 tutorial hour per week.**

**Semester Offered** Semester One or Semester Two

**Purpose** To introduce students to the principles of study design, data analysis and interpretation; the statistical computing program MINITAB will be used extensively.

**Content**
- Study design, including surveys and controlled experiments.

**Text**
- Staude, R. Seeing, Through Statistics, Prentice-Hall

**BIOF101 BIOCHEMISTRY** 10cp

**Prerequisite** Nil

**Corequisite** Nil

**Hours 6 hours per week for one semester.**

**Examination** One 2 hour paper

**Content**

**Text**

**References**

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**STAT101 INTRODUCTORY STATISTICS** 10cp

**Prerequisite** This course does not assume knowledge of calculus or matrix algebra

**Corequisite** Nil

**Hours 3 lecture hours, 1 laboratory hour and 1 tutorial hour per week.**

**Semester Offered** Semester One or Semester Two

**Purpose** To introduce students to the principles of study design, data analysis and interpretation; the statistical computing program MINITAB will be used extensively.

**Content**
- Study design, including surveys and controlled experiments.

**Text**
- Staude, R. Seeing, Through Statistics, Prentice-Hall

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**INFO101 INTRODUCTION TO INFORMATION SYSTEMS** 10cp

**Prerequisite** Nil

**Corequisite** Nil

**Hours 3 lecture hours and 2 tutorial hours.**

**Examination** To be advised

**Content**
- Systems and their characteristics, the components of an Information System (hardware, software, data and people). Examples of computer based Information Systems.
- Problems which can/cannot be solved using computers. Types of information systems, formal/informal, public/private. Types of problems structured/unstructured.
- The computer as a personal support tool, word-processing, spreadsheets, database management.
- The importance of people in the Information network, the social, organisational and personal implications of computer based information systems.
- Tests To be advised.

**ADDITIONAL CONSUMER SCIENCE ELECTIVES**

**GEOG102 INTRODUCTION TO HUMAN GEOGRAPHY** 10cp

**Prerequisite** Nil

**Corequisite** Nil

**Hours 2 hour lectures and 2 hours of practical work per week for one semester.** A one day field excursion.

**Examination** Progressive assessment and one 2 hour paper at the end of the semester.

**Content**
- An introduction to human geography including cultural, population, economic, development and urban geography.
- Practical work includes an introduction to elementary statistical data and its presentation by thematic maps in human geography.

**Text**

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**SECTION SEVEN**

**POST - GRADUATE HEALTH SCIENCE SUBJECTS**

**HOLH101 HOLISTIC HEALTH** 20cp

**Prerequisite** Nil

**Corequisite** Nil

**Hours 3 lecture hours and 2 tutorial hours.**

**Examination** Two objective and/or essay style examinations

**Content**
- This subject aims to better prepare health workers for holistic health practice within the framework of national health goals and priorities, by providing them with a multifactorial perspective on health, an appreciation of the total health system, and skills in problem solving at macro and micro levels. It consists of three separate but related units:
  - Health Ecology, the Health System and Problem-Solving/ Strategies for Change.

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**HOLH102 HEALTH RESEARCH DESIGN** 10cp

**Prerequisite** Nil

**Corequisite** Nil

**Hours 3 lecture hours and 2 tutorial hours.**

**Examination** Two objective and/or essay style examinations

**Content**
- This subject is designed to provide students with an understanding of theories and practice of social research within the context of health care services. Students will also be introduced to the basic tools of research relevant to community based health programs. Issues related to quantitative and qualitative types of research will be introduced. The subject will provide opportunities for students to develop a range of research skills appropriate to their area of professional interest.

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**PSHS111 BASIC PROCESSES** 10cp

**Prerequisite** Nil

**Corequisite** Nil

**Hours 56 hours in all.**

**Examination** Two objective and/or essay style examinations

**Content**
- This subject consists of 2 units. Unit 1 includes: epidemiological issues, social and political perceptions of "the drug problem", historical development of attitudes and controls, mythology of drug use, etiology and process of drug use, models of addiction,
and the addiction process. Unit 2 includes: neurophysiology, neuroscience, and pharmacology of drug action.

Texts

References

SECTION SEVEN

There are three techniques and skills in interviewing, a group experience. The aims are to experience at first hand the role of the

unit persons and significant others. Psychological testing brings a clearer understanding of theories about group dynamics.

Prerequisite
Texts
PSHSS12 TREATMENT AND PREVENTION 10cp
(Alais HSS13M)
Corequisite Nil
Examination Full Year

Semester Offered Full Year
Examination Based on written assignments, group presentations, demonstration of professional skills and supervision of professional practice.

Content
There are three Units.

Unit 1: Counselling Theory: Considers various theoretical approaches to counselling - dynamic, existential, cognitive and behavioural. Focus is on the development of techniques and skills in interviewing, consultation, group leadership and behaviour-modification for both drug-dependent persons and significant others. Some discussion of the role of psychological testing will be included.

Unit 2: Group Dynamics: Includes participation as a "client" in a group experience. The aim is to experience at first hand the role of the "client" and to become more understanding of self and others in a way that will increase helping potential and provide a clearer understanding of theories about group dynamics.

Unit 3: Professional Practice: Is carried out under direct supervision, normally at the student's usual place of work. It involves the application of knowledge, skills and attitudes gained in the theoretical aspects of the course.

Texts

References

PSHSS13 TREATMENT AND PREVENTION 10cp
(Alais HSS13M)
Prerequisite Basic Processes
Corequisite Advanced Counselling
Examination Hours 56 hours in all

Semester Offered Full Year

Examination Based on completion of practical tasks, written assignments and/or essay-type examinations.

Content
Treatment and Prevention: There are two units, dealing respectively, with such theoretical aspects of treatment as assessment, referral, therapeutic goals and ethical issues; and with the principal strategies and goals in both drug education and legal control of drug use.

References

HOLH333 DIRECTED STUDY 10cp
(Alais HSS33P)

In recognition of their existing professional experience students will be given the opportunity to undertake a directed study program or select an approved elective which will contribute to their professional development. Subject to availability, choices may be made from programs offered within the University of Newcastle, or a course of directed study may be negotiated with staff members, such as a Reading Course, Seminar Program or a Skills Development course ran by another approved institution. Options available in any year may be limited by staff resources.

HOLH351 PRINCIPLES OF PRIMARY HEALTH CARE 10cp
(Alais HSS31P)

In this subject students will be provided with the opportunity to enhance their awareness of the values, beliefs and principles underlying the concept of Primary Health Care. This will be achieved by identifying factors that affect the development, orientation, structure and provision of health services at national and international levels. This process will be achieved by working in community settings and critically examining literature pertaining to the development of Primary Health Care including World Health Organisation reports, international declarations, regional and national health documents. Students will be working in teams which will provide the focus for discussion of issues, presentations and feedback.


PSHSS502 REHABILITATION COUNSELLING 1 10cp
(Alais HSS546W)

Prerequisite PSHSS501
Corequisite Nil
Examination Full Year
Lecturer's choice of Ehiobuche / A. Nicholas
Semester Offered Full Year
Examination Class seminar presentations and essays.

Content
The focus of this subject is an introduction to Counselling Theory and Practice, together with studies in Community Rehabilitation. Students will also complete a Professional Practice component. Part of the practice will be in the students' place of work (if deemed appropriate) and part would be undertaken in other venues where rehabilitation counselling would report to an approved supervisor who would be an accredited rehabilitation counsellor.

Texts
No prescribed texts.

References
Bolton, B. & Cook, D.W. 1982, Rehabilitation Client Assessment, Austin, TX, Pro-ed.
Roessler, R.T., Robin, S.B. 1982, Case Management and Rehabilitation Counseling, Austin, TX, Pro-ed.
Roessler, R.T., Robin, S.E. 1983, Foundations of the Vocational Rehabilitation Process, Austin, TX, Pro-ed.
PSHS503 PRINCIPLES IN REHABILITATION 2 10cp
(Alias H5543W)
Prerequisite PSHS501
Corequisite Nil
Hours 2 hours per week for 28 Weeks face-to-face, 3 hours per week for 28 weeks directed study
Semester Offered Full Year
Lecturer(s) 1 Ebboobie, G. Schreiber
Examination Class seminar presentations and essays
Content
This subject extends studies undertaken in Year 1 by emphasizing advanced counselling theory and practice. Part of the practice will be in the student's place of work (if deemed appropriate) and part will be undertaken in other venues where vocational counselling services are offered. In both placements, students would report to an approved supervisor who would be an accredited rehabilitation counsellor. It is expected that the work be supervised and would include opportunities for students to have practical experience in case work management of individuals, specialised groups and/or facilities. As well, opportunities would be provided for students to develop skills in marketing and placement in co-ordination, resource management and/or net working in the other agencies.
Texts
No prescribed texts.
References

PSHS504 REHABILITATION COUNSELLING 2 20cp
(Alias H5548W)
Prerequisite PSHS502
Corequisite PSHS503
Hours 6 hours per week for 28 Weeks face-to-face, 4 hours per week for 28 weeks directed study
Semester Offered Full Year
Lecturer(s) 1 Ebboobie / G. Schreiber
Examination Class seminar presentations and essays

HEALTH SERVICES MANAGEMENT

SUBJECTS

HOLH561 HEALTH CARE SYSTEMS 10 cp
Prerequisite Nil
Corequisite Nil
Hours Two hours per week for 14 weeks
Semester Offered Semester 1
Examination
Content
The aim of this subject is to provide an understanding of the structure, function, and financial arrangements of the Australian Health Care System, and to introduce health policies and current issues associated with the provision of health services in Australia.
Texts

MED302 HEALTH ECONOMICS 2 10cp
Prerequisite Nil
Corequisite Nil
Hours Two hours per week for 14 weeks
Semester Offered Semester Two
Lecturer Dr R. Kemp
Content
The primary goal of this subject is the preparation of the student to face the changes that might take place in the delivery of health care services in the future. The student will be exposed to the major economic forces at work in the delivery of health care services. These forces produce some of the problems in the industry, as well as the impetus for change. The problem of waste or inefficiency, the problem of inequitable service and access to care, and the problems of inflation and cost containment will be addressed. The student will be able to demonstrate the use of some basic tools understanding of the provision of health care. An understanding of the current problems in the industry, the institutional relationships in the industry, and the application of economic analysis should provide the student with a foundation for the development of an educated opinion on health care policy.

References
Bland, M 1987, An Introduction to Medical Statistics, Oxford University Press
This subject provides the student with opportunities to further develop a deeper knowledge of theoretical concepts in management. It also enables the student to further develop competencies of leadership, negotiation, communication, problem-solving, decision making, human resource management and managing change.

ECON303 EMPLOYMENT RELATIONS - MBA 10cp
Prerequisite Nil
Corequisite Nil
Hours Two hours per week
Semester Offered Semester One
Examination
Content
This subject is designed to introduce students, in a very broad way, to the main features of Employment Relations in Australia. The initial focus is on industrial conflict and then attention is devoted to the main institutions concerned with its generation and regulation, i.e., trade unions, employers, industrial tribunals, and other forms of state intervention. Finally some of the contemporary issues such as award restructuring, enterprise bargaining, occupational health and safety and disadvantaged groups are considered.

MNGT51 MANAGEMENT INFORMATION SYSTEMS 10cp
Prerequisite Nil
Corequisite Nil
Hours
Semester Offered Semester Two
Examination Assignments and final examination
Content
The recent widespread use of computers for information storage and retrieval makes it essential that today's manager be aware of the major issues relating to the effective use of information within the organisation. This subject aims to provide that information.
The aim is not to produce a computer systems manager, but to produce a manager who is able to identify his particular information needs and institute appropriate steps to satisfy them.

Texts
There is no specific prescribed text

References
To be advised

PHS661 SOCIAL AND ETHICAL ISSUES 10cp
Examination of health care issues from sociological and ethical perspectives.

HOLH662 EVALUATION OF HEALTH SERVICES 10cp
Review of health services management functions and structures including total quality management.
### Schedule of Subjects

This section contains the details of the subjects available in the Faculty of Health Sciences. The subjects are arranged by course. Please check pre and co-requisites carefully. The content descriptions for the listed subjects are set out in Section 7. Each subject is given a unique code, title and credit point value. When listing subjects on enrolment or re-enrolment forms, all of the information should be entered including the semester in which the subject is offered. (Semester 3 denotes full-year.)

All subjects are offered on the Newcastle Campus.

#### Diploma of Applied Science (Medical Radiation Technology)

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#### Bachelor of Health Science (Occupational Therapy)

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**BACHELOR OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)**

Subject details for Year 1 (students commencing in 1993) and Year 2 only are listed. The full course outline is in Section 5.

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**BACHELOR OF APPLIED SCIENCE (CONSUMER SCIENCE)**

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**GRADUATE DIPLOMA IN HEALTH SCIENCE (PRIMARY HEALTH CARE)**

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**MASTER OF HEALTH SCIENCE (PRIMARY HEALTH CARE)**

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