Faculty of Health Sciences

Volume 9 1992
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THE DEAN'S FOREWORD

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 is one of the youngest in the University, offering 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 family 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 private sector enterprise. 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, and nutritionists and dietitians), who are secure in their unique professional role, but who endorse the broadest 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 "movers and the shakers" in the health system and to work energetically towards the achievement of the World Health Organisation goal of "Health For All". As postgraduate students you are encouraged to adopt a partnership approach with the staff of the School; 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 specialisation (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. Some of these may relate to such things as career options upon graduation, others may concern a highly personal response (for whatever reason) to some aspect of your studies, and others may focus on study patterns, assessment techniques and other nitty gritties of survival. No matter the nature of the questions or the dilemmas which you find yourself facing, let me simply suggest that there is always someone who will listen and help you find your own answer or solution. Lecturers, Administrative Staff, Subject Co-ordinators, Course Directors, Heads of Departmental Divisions and the Dean of the Faculty are all prepared to help. But you need to "shout" first to flag your need.

I wish you well for 1992 and I look forward to meeting you as you participate as student representatives on key committees which will guide much of the Faculty's activities.

Jenny Graham
Dean of Faculty
SECTION ONE

FACULTY OF HEALTH SCIENCES STAFF

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, LitB(NE), MA, PhD
Pro Vice-Chancellor and Dean of Students Professor K.R. Dutton, MA(Syd), DU(Paris), Officier des Palmes académiques, FACE
Pro Vice-Chancellor (Development) L.R. Eastcott, MEd(Syd), PhD(Alberta), BA, DipEd
Deputy President of Academic Senate Professor P.L. Clarke, BEe, PhD(Syd), FCPA, ACIS, ACIM
Dean for Research Professor R.J. MacDonald, BSc, PhD(NSW), FAIP

FACULTY OF HEALTH SCIENCES - FACULTY OFFICERS

Dean Associate Professor J. Graham, ATCL (Lond), DipOT (Syd), SROT(UK), MSc(Ed), (Bradford)
Deputy Dean Dr. S. Beveridge, MSc(Syd), BSc, DipEd, PhD, ARACI, FRSH, MIABS
Assistant Dean (Curriculum) Vacant
Assistant Dean (Research) Dr. M. Honari, M.A., PhD(Edin)
Assistant Dean (Academic Resources) Mr. A. Buxton, DipAppSc (RMIT), MIR, ARMIT
Faculty Secretariat
J. Hughes, BA, MEdStud, MATTEA (School Secretary)
M. Chalmers, BA, MA (Syd)
L. Hopkin
P. Moseley
Secretary to the Dean
L. Taylor
DEPARTMENT OF HEALTH PROFESSIONS

Division of Occupational Therapy
Senior Lecturers
P. Jacobs, DipOT(NSW), GradDipHSc(WAIT), MAAppSc(Curtin) (Head of Division)
S. Lyons, DipOT(Cumberland)

Lecturers
P. Barnett, BAppSc(OT)(Cumberland)
P. Campbell, BAppSc(OT)(Cumberland)

Tutor L. McKenzie, BAppSc(OT)(Curtin)

Technical Officer S. Ryl

Divisional Office Staff
L. O'Connor
S. Ricketts

Division of Rehabilitation Counselling
I. Ehiobuche, MSc, GradDipCouns, PhD (Melb)

Division of Medical Radiation Technology
Senior Lecturers
A. J. Buxton, DipAppSc(RMIT), MIR, AARMCT (Head of Division)
G. A. Shah, BSc, MSc, MPH (ISLAMABAD), PhD(Anu), MAIP, AACPSEM

Lecturers
A. Bates, AssDipDMR(NCAE), DipAppSc, MIR
P. McCallum, AssDipNucMedTech(SYDTAFE)
A. Smith, DipAppSc(RMIT), BSc, MIR, AMIR

Division of Nutrition and Dietetics
Senior Lecturer Y. E. Webb, BSc(QLD), GradDipNutr & Diet (SYD), MSc(QLD), FCIA (Head of Division)

Technical Officer S. Ryl

Division Office Staff
L. O'Connor
S. Ricketts

Department of Applied Life Sciences
Principal Lecturer and Head of Department S. J. Beveridge, MSc(SYD) BSc, DipEd, PhD, ARACI, FRSH, MAABS

Senior Lecturers
R. B. Flanagan, BSc, MMed, MSc, MAIP
H. E. White, BSc, MEd

Lecturers
T. B. Cheah, BSc, MEd (Monash), DipEd(Adina)
B. F. Cook, BAppSc, (RCAE), BSc, (Wayne State), MDPS, AAAHI
P. A. McGrath, BSc, MSc, DipEd, MEIA
I. Munro, DipHomeEd, TechCert(Glasgow), BEd(Zimbabwe), MEnvStud

Tutors
J. Hindmarsh, MB, BS(Syd), BSc(NSW)
P. Johnston, BSc, DipEd(Adina), MSc.
A. L. Lettoof, BAppSc(NSWIT)
L. McKenzie, BSc(WAust), DipEd(Syd), BEd(NB)
A. K. Rich, CertEd(1, pool UK)

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FACULTY OF HEALTH SCIENCES STAFF

SECTION ONE

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Professor R. M. Clarke, MA, MD, Phd(Cantab), MPH(SYD) FRACS

Senior Lecturers
M. Horan, MA, PhD, (Bain)
J. Knight, RN, DipCommHealth N(Cumberland), BA (Hons), (Flinders) Acting Head of Department

Lecturers
M. P. Crawford, RN, RNe, DipEd, Post GradDipEd(Lond), BA
W. A. Davies, BSc (Southampton), MA(Macq), DipCommDev(Manch)
R. L. England, BA (Hons)(Toronto), MA, MSPh(NhCarolina)
G. Francis, RN, RON(NZ) BSc(Wellington), GradDipEd(Auckland)
D. F. Magee, RN, RPN, DipTeach, BEd
A. McKee, RPN, CertCommHealth N, BA(Hons), DipInfMan
A. Monaem, BA(Hons), MSc(Heard), MHP(NSW)
S. Oatman, RN, BA(NSW)
M. Strazzari, BA
P. Williams, DipPhy(W'gong), BSMS(Oregon), MEd(Canberra)
C. Wong, RN, RPN, BSc, MHA(NSW), MHA (Assoc)

Senior Tutor M. Lynagh, BH MS(Hons)(Qld)

Departmental Secretary
K. Asher

Department of Psycho-Social Health Studies
Principal Lecturer and Head of Department A. Nicholas, BSc(Sydney), MA(Macq), PhD, MACPS

Associate Professor J. A. Krivanci, BA(Sydney), PhD(Calif)

Senior Lecturers
L. Davis, BSc, MEdPsych, GradDip(CSU), MACPS
W. Jones, BA, Phd, MACPS, ARBPS
J. Schumaker, BA(Wisc), PhD(SCarolina)
D. Wicks, BA(Macq), RN

Lecturers
H. Belcher, RN, BA(NSW), GradDipSocAd(HIHE), MHP(NSW)
B. Hart, RN, BA
R. Irvine, BA, PhD(Edin)
W. Kenworthy, BA
G. Schreiber, BA(SA), GradDipCounts(RMIT), MSc(Surrey), MACPS
M. Shanley, BA(Macq), DipPharm, MA(Sydney), MSc, DSc(UK)

Tutors
W. Findlay BA(ANU), DipRT
D. Kirby, BA
D. McIntyre, DipTeach(NCAI), BA

Departmental Office Staff
K. McKenzie
FACULTY INFORMATION

The Faculty of Health Sciences is a constituent body within the School of Health and its 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 professionalism and expertise.

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).

DEGREES AND DIPLOMAS

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

Diplomas
- 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)

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 offered by the Faculty is provided in Section Six of this Handbook.

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 Therapy 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 Medical Radiation.

The Graduate Diploma of Health Science (Rehabilitation Counselling) has recognition by the Society of Rehabilitation Counsellors. Both the Bachelor of Health Science (Nutrition and Dietetics) and Graduate Diploma/Master of Health Services Management are at present seeking accreditation with the Dietitians Association of Australia and Australian College of Health Service Executives respectively.

AWARDS AND PRIZES

Tomlinson Scholarship: This scholarship is available to the student with 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 student with the highest grade point average in Occupational Therapy practice over the duration of the course.

NSW Association of Occupational Therapists: The NSW Association offers a prize to the student with the highest grade point average in Occupational Therapy practice over the duration of the course.

A.I.R. NSW: The Australian Institute of Radiography NSW (Newcastle Branch) offers a prize to the student with the highest grade point average in the field of radiography.

Kathy Fitzgerald Prize: The Kathy Fitzgerald Prize is awarded to the student with the highest grade point average in the field of radiography.

Academic Dress

- Graduates of Bachelor of Health Science (Occupational Therapy)
- Graduates of Bachelor of Health Science (Nutrition and Dietetics)
- Graduates of Bachelor of Applied Science (Consumer Science)


cap and gown

A black cloth tunic cap or a black Canterbury cap.

Hoods

(a) Degree of Bachelor of Health Science (Occupational Therapy)
- A full hood of black silk lined to a depth of 15cms with Oriental Blue.

(b) Degree of Bachelor of Health Science (Nutrition and Dietetics)
- A full hood of black silk lined to a depth of 15cms with Oriental Blue.

(c) Degree of Master of Health Services Management
- A full hood of black silk lined to a depth of 15cms with Lightblue.

Advisement

Students requiring specific advice on their programs or content 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, downstairs, 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 refer to the Departmental Information Board for details of election 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 or department. 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/fee enrolment form (including the statistics section);
2. indicated to the University your HECS payment option (once you have completed your HECS payment option form, this payment option remains until you choose to alter your payment option); and
3. paid all notified fees/fees as required by University Rules.

During the course of the academic year, students will receive a Confirmation of Enrolment, HECS Liability Accounts and possibly other letters confirming details of enrolment. Students are requested 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 requires completion of first semester subjects to meet prerequisite, corequisite or assumed knowledge requirements unless a formal assumed knowledge requirements is contingent upon successful completion of the relevant first semester subject.

It is the responsibility of students 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 two weeks of second semester.

A student who fails a semester one subject, and has the opportunity, or wishes to repeat that subject in semester two of the same year, must formally apply to repeat that subject. This is done by completing a Variation to Program form and lodging it as early as possible, at least prior to the semester two HECS census date.

A student who remains officially enrolled in a subject will receive a result in that subject. A student who is not officially enrolled in a subject will not receive a result in that subject.

First Aid Certificates

Students enrolled in the Bachelor of Health Science (Occupational Therapy) are required to produce evidence of their first aid qualification to graduate. This may be a current Red Cross First Aid Certificate, prior to their first field placement in June. All first aid courses must be undertaken by students in their own time and at their own expense.

SPECIAL CONSIDERATION

All applications for Special Consideration must be made on the prescribed 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.

Application forms may be obtained from the Faculty Secretary, Student Division Enquiry Counter, Student Health Service, Student Counselling Unit or the Examinations and Services Counter (Hunter Building).

PROGRESSION/UNSATISFACTORY PROGRESS

A student will be regarded as having failed to maintain a satisfactory rate of progress if the student:

(i) has failed more than 50% of their total programme in any year;

(ii) fails a subject for the second time.

(iii) reaches a point where he/she can no longer complete the course in the maximum time allowed in the relevant Schedule.

Maximum time for completion of the Course

Students admitted to a course will have a maximum time for completion. Please consult the relevant award Rules in sections Four and Five.

Following the finalisation of examination results in each semester/year of the progress of students in the course will be reviewed. This review will be conducted by the Student Progress Committee of the Faculty Board which will take into consideration any written and/or verbal representations made by the student to the Committee. Students subject to the review will be invited to make written and/or verbal presentations.

The Committee 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 Faculty Board may decide;

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

(d) in the course, or

(ii) in the course and any other courses offered by the Faculty, or

(iii) in the Faculty, or

(d) if the student has considered its powers to deal with the case are inadequate, that the case be referred to the University's Admissions and Progression Committee together with a recommendation for such action as the Faculty Board considers appropriate. The student shall be informed in writing of the decision made. The student will also be informed of the right of appeal to the University's Admissions and Progression Committee and of the form of appeal.

Maximum Credit Points per year

Full time students may enrol in any year in subjects, the total credit point value of which does not exceed 80 credit points. In general it is expected that The Dean of the Faculty will not authorise a student to attempt more than one subject in excess of the normal workload unless the student can demonstrate by virtue of previous performance, capability to undertake a heavier load.

REVIEW OF GRADES AWARDED

Any request by a student for reconsideration of a result obtained for coursework or an assignment shall be made in writing to the Head of Department/Division responsible for that subject within a fortnight of the return of the work by the lecturer responsible for assessing the coursework or assignment to the student. The outcome of reconsideration of a result obtained for coursework or an assignment can be a better result, no change in result, or a worse result.

Students who are dissatisfied with the final grade awarded in a subject may apply for a review of the grade awarded. This request shall be made on an Academic Registrar's form available from the Examinations Office. There is a charge per subject, which is refundable in the event of an error being discovered. A review of a final grade awarded in a subject can result in a better grade, no change in grade, or a worse grade.

An application for a review of a final grade awarded in a subject must be submitted to the Cashier on the appropriate form, together with a separate case 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 student 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 quotas restrictions and under such conditions as it may determine in consultation with the Dean of Faculty and Course Director.

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.

FAILURE BY A POTENTIAL GRADUATE

Where a student fails a single subject and is thereby prevented from progressing to graduation, the Faculty Board may award a result of incomplete (IN) in that subject. Such a decision will not be taken until the results of all other subjects required to meet degree requirements are known. All such further assessments should be completed by the second week of January.

TRANSFERS

Courses in the Faculty of Health Sciences

Students of this University wishing to transfer into courses within the Faculty of Health Sciences must lodge an application form with the Universities Admission Centre (U.A.C.) by the relevant date. The reason for the transfer must be based on a student's predicted 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 enrolment in a related health science course) must first complete the first year specification specific subjects, prior to enrolment.

Other University Courses

In addition to the usual U.A.C. procedures, students enrolled in Faculty of Health Sciences courses wishing to transfer to other university courses are advised to consult with the relevant Course Director(s)/Head of Department to clarify any possible outstanding matters.
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. 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.

Timetable
Students are not to enrol in subjects which clash in the timetable. Course programs are specified and timetabled by year and it is the responsibility of the student to consult with the timetable. In cases where there is a clash in the examination timetable, students should notify the Examinations Office.

Schedule of Bachelor Degree Regulations
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 programs of study for each program 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 purpose 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.
(5) Where there is any change in the list of approved subjects, the Faculty Board shall make all reasonable provision to permit students already enrolled in the course to progress normally.

Enrolment

5. (1) 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.

(2) 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.

(3) A candidate for a second degree 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 pre—required subjects and/or corequisites and their subjects for each of the courses.

(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 pre—required subjects at any grade which may be specified and has already passed or concurrently enrolled 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—required subject if the pre—required 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—required 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 the 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 and the Faculty Board shall require.

Withdrawal

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 not to have enrolled in 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 first 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 the 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.

Subject to any provision in the schedule, a candidate in good academic standing in the course may take leave of absence of one year from the course; or with the permission of the Dean, may take leave of absence of two consecutive years from the course without prejudice to the 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 such extent as 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 shall be no less in quality and quantity than if this 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:

(a) Diagnostic Radiography

(b) Nuclear Medicine

(c) Radiation Therapy

Admission to Candidature

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

Applicants who do not submit work or attend the University as required above may not be deemed to be in good academic standing.

Qualification for Admission to the Degree

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 merit order to applicants ranked under clause 4, subject to any material presented by a candidate for assessment.

Credit

6. 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.

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.

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 at 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:

(a) Diagnostic Radiography

(b) Nuclear Medicine

(c) Radiation Therapy

Admission to Candidature

2. Applicants who satisfy the academic requirements for admission to candidature shall be required to undertake any 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.
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 the Diploma

3. The diploma shall be awarded as an ordinary diploma except that, in 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 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 320 credit points.

Grading of Degree

6. (1) The degree shall be conferred as an ordinary degree except that, in 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.

(2) There shall be two classes of Honours, namely Class I and Class II. Class II shall have two divisions, namely Division 1 and Division 2.

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 Regulations

This Section contains the Schedules to the regulations 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
- Primary Health Care
- Rehabilitation Counselling

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 located at the beginning of Section Three of this Handbook.

SCHEDULE — GRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT

Interpretation
1. In this Schedule unless the context or subject matter otherwise indicates or requires:
   - "co-ordinator" means the co-ordinator for the specialisation concerned.
   - "Board" means the "Board of Studies in Health Services Management.

Admission to Candidature

1. (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
   - (b) have satisfied the requirements for admission to a degree of Bachelor or equivalent qualification in the University; or
   - (c) hold such other qualifications approved by the Board for the purpose of admission to candidature.

2. The Faculty Board shall appoint a member who is a member of academic staff to act as co-ordinator for each of the programs for the diploma.

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

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) 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.

   (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.

   (4) The period of time spent by the student enrolled as a candidate for the Master degree shall be counted towards meeting the time requirements for the diploma.

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.

   (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.

   (4) The period of time spent by the student enrolled as a candidate for the Master degree shall be counted towards meeting the time requirements for the diploma.

SCHEDULE — GRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT

Interpretation
1. In this Schedule unless the context or subject matter otherwise indicates or requires:
   - "co-ordinator" means the co-ordinator for the specialisation concerned.
   - "Board" means the "Board of Studies 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
   - (b) have satisfied the requirements for admission to a degree of Bachelor or equivalent qualification in the University; or
   - (c) hold such other qualifications approved by the Board for the purpose of admission to candidature.

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

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) 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.

   (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.

   (4) The period of time spent by the student enrolled as a candidate for the Master degree shall be counted towards meeting the time requirements for the diploma.
## Approved Programs of Study and Other Course Details

### UNDERGRADUATE DIPLOMA

Note: Students enrolled prior to 1992 (ie continuing students only) in Medical Radiation Technology:

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

- Diagnostic
- Radiation Therapy
- Nuclear Medicine

### DURATION

3 years full time

### Attendance

On Campus (continuing students only. No further intakes)

### Total Credit Points

240

### Course Director

Mr Tony Buxton

### APPROVED PROGRAM OF STUDY

#### Year 1

<table>
<thead>
<tr>
<th>All Strands</th>
<th>Credit Points</th>
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<td>RA110S</td>
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## GENERAL INFORMATION

### Principal Dates 1992

(See separate entry for the Bachelor of Medicine degree course).

#### January
1. Wednesday Public Holiday — New Year's Day
2. Monday Last day for return of Semester Application Forms — Continuing Students

#### February
7. Friday New students accept UAC main round offer
17. Monday New students enrol
27. Thursday
35. Friday Last day for payment of General service charge

#### March
3. Monday First Semester begins
31. Tuesday Last day for (a) variation of program in relation to HECS liability for Semester I, and (b) addition of Semester I and full year subjects.

#### April
17. Friday Good Friday — Easter Respite common
24. Friday — Lectures Resume
8. Monday Public Holiday — Queen's Birthday
12. Friday — First Semester concludes — Last day for withdrawal from Semester I subjects.
15. Monday Mid year Examinations begin
30. Tuesday — Closing date for applications for selection to the Bachelor of Medicine and Bachelor of Science (Aviation) in 1993.

#### July
3. Friday Mid Year Examinations end
20. Monday Second Semester begins

#### August
31. Last day for (a) variation of program in relation to HECS liability for Semester II, and (b) addition of Semester II subjects.

#### September
26. Saturday Mid Semester recess begins

#### October
5. Monday Public Holiday — Labour Day

#### November
6. Friday Second Semester concludes - last day for withdrawal from Semester II and Full Year subjects
9. Monday Annual Examinations begin
27. Friday Annual Examinations end

#### 1993 February
22. Monday First Term begins

### DATES FOR THE 1992 ACADEMIC YEAR FOR THE BACHELOR OF MEDICINE PROGRAM

#### Year I

<table>
<thead>
<tr>
<th>Semester</th>
<th>Commencement Date</th>
<th>End Date</th>
<th>Final Examinations Date</th>
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#### Year II

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<th>Semester</th>
<th>Commencement Date</th>
<th>End Date</th>
<th>Final Examinations Date</th>
</tr>
</thead>
</table>

### Examination Dates

- **Block One**
  - **Semester One**: Monday 9 November 1992
  - **Semester Two**: Monday 23 November 1992

### 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 Semester One (1 week).
- Data to be finalized.
**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 a disability to facilitate their participation in their course of study, can be arranged through the Student Support Unit, Ms Anne Robinson, located in the Temporary buildings opposite Mathematics, phone (049) 215831.

Students with a disability to discuss matters of a spiritual, religious or denominational interest may contact Br. Damian, phone (049) 215625.

Lodging Enrolment Application Forms

The Enrolment Application form must be completed carefully and lodged at the Student Division Office by 6 January 1992. Students should know their examination results before completing the enrolment form. Late lodgement will mean that enrolment approval may not be available for the last semester of the year.

Enrolment Approval

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

Payment of Charges

The Fees and Charges Notice will be mailed to re-enrolling students to follow return the enrolment form has been returned. Payment of General Services Charge must be paid at any Westpac Bank branch using the Fees and Charges Notice. Payments made after 30 April 1992 will incur a $50.00 late fee.

All charges listed on the Fees and Charges Notice must be paid at any Westpac Bank branch using the Fees and Charges Notice. The Bank will not accept cash payment.

LATE PAYMENT

The Final date for payment of the General Services Charge is 28 February 1992. Payments made after this date will incur a $50.00 late fee.

Enrolment of New Undergraduate Students

Persons offered enrolment are required to attend in person at the Great Hall in February to enrol. Detailed instructions are given in the Offer of Enrolment booklet which is sent out with the UAC offer.

TRANSFER OF COURSE

Students currently enrolled in an undergraduate course who wish to transfer to another undergraduate course in 1992 must apply through the University's Administration Centre (UAC) by 30 September 1991. Late applications will be accepted through UAC until 31 October if accompanied by a $50.00 late fee. Late applications will be accepted after 31 October but if the new course of study is to be commenced in Semester 1, the student must complete an application form and submit it with a fee of $250.00.

STUDENT CARDS

Students will be mailed their Confirmation of Program and Student Card in early February. The Student Card should be carried by students when entering the University at evidence of enrolment. The Student Card has...
machine readable format for use when borrowing books from the University Library, and contain the student's personal identification number as well as their student identification number, which will be used for access to the University Library, the Student Division, and the University's computer systems. Students who lose or misuse their identification card will be charged for their replacement.

Applications for exemption from attendance at classes must be made in writing to the Head of the Department offering the subject. Where tests or term examinations have been missed, this fact should be noted in the application.

The granting of an exemption from attendance at classes does not carry with it any waiver of the General Services Charge.

CHANGE OF NAME

A student who withdraws for non-academic reasons is responsible for notifying the Student Division Office in writing of such withdrawal. A Change of Address form should be used and is available from the Student Division Office.

ATTENDANCE STATUS

A candidate for any qualification other than a postgraduate qualification who has enrolled in three-quarters or more of a full-time program shall be deemed to be a full-time student whereas a candidate enrolled in either a part-time course or less than three-quarters of a full-time program shall be deemed to be a part-time student.

A candidate for a postgraduate qualification shall enrol at either a full-time or a part-time student as determined by the Faculty Board.

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 in writing of any change in their address. 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 you because you have 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 sighting in order that the change can be noted on University records.

CHANGE OF PROGRAM

Approval must be sought for any changes to the program for which a student has not enrolled. This includes adding or withdrawing subjects.

All proposed changes should be entered on the Program Variation section on the reverse side of your Confirmation of Program form. Reasons for changes and where appropriate documentary evidence in form of medical or other appropriate certificates must be submitted.

WITHDRAWAL

Application to withdraw from a subject should be made on the Program Withdrawal section on the reverse side of your Confirmation of Program form and lodged at the Student Division Office or mailed to the Academic Registrar.

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

Withdrawal Dates

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester/Full Year</th>
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<tbody>
<tr>
<td>Subjects</td>
<td></td>
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<tr>
<td>12 June 1992</td>
<td>6 November 1992</td>
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</table>

Except with permission of the Dean:

(a) a candidate shall not be permitted to withdraw from a subject after the dates listed above;

(b) a candidate shall not be permitted to withdraw from a subject on more than two occasions.

If a student believes that a failure should not be recorded because of the circumstances leading to his or her withdrawal, it is important that full details of these circumstances be provided with the application to withdraw.

ENROLLMENT CONFIRMATION

Students should ensure that all details on their Confirmation of Program form are correct. Failure to check this information could create problems at examination time. Please note that it is the student's responsibility to:

(i) ensure that all enrolment details are correct and
(ii) to withdraw from a semester if a failure has been incurred in the Prequisite Semester 1 subject.

FAILURE TO PAY OVERDUE DEBTS

Any student who is indebted to the University by reason of non-payment of any fee or charge, non-payment of any fines imposed, or who has failed to pay any overdue debts shall not be permitted to:

(a) enrol in a subsequent program in a following year;
(b) receive a transcript of academic record;
(c) graduate or be awarded a Diploma; or
(d) receive a replacement Student ID Card until such debts are paid.

Students are requested to pay any debts incurred without delay.

LEAVE OF ABSENCE

Subject to the provision concerning your course (as set out in the schedule), a candidate in good academic standing in the course:

(a) may take leave of absence for any reason from the course, or
(b) with the permission of the Dean, may take leave of absence for two consecutive years from the course without prejudice to any right of the candidate to re-enroll in the course following such absence.

Please consult your Faculty Secretary for further information. To re-enroll in your course after leave of absence, you must re-enroll through the University Admissions Centre (UAC), Locked Bag 500, Lidcombe NSW 2141.

The UAC closing date is 30 September each year.

ATTENDANCE AT CLASSES

A student’s attendance or progress has not been satisfactory, action may be taken under the Regulations Governing Unsatisfactory Progress.

In case of illness or absence for some other unavoidable cause, a student may be excused for non attendance at class. All applications for exemption from attendance at classes must be made in writing to the Head of the Department offering the subject. Where tests or term examinations have been missed, this fact should be noted in the application.

The granting of an exemption from attendance at classes does not carry with it any waiver of the General Services Charge.

GENERAL CONDUCT

In accepting membership of the University, students undertake to observe the regulations, to attend all examinations or any writing or testing that may be required by the University, and to conduct themselves in accordance with the University's code of conduct.

Students are expected to conduct themselves at all times in a socially acceptable manner. Students are urged to attend all lectures and reading tests to prepare for examinations, and will be assessed for attendance and participation in these activities. There is no provision for non-attendance without a valid excuse.

Attendance at lectures is an essential part of the course. Where attendance is required, the following rules apply:

(a) a student who is prevented from attending within a 30 minute period of the start time for classes or written examinations;

(b) a student who uses a calculator incorrectly; or

(c) because of battery failure.

RULES FOR FORMAL EXAMINATIONS

PART I - PRELIMINARY

Application of Rules

The following rules shall apply to all examinations of the University with the exception of the examination of a thesis submitted for a degree of Master or the degree of Doctor of Philosophy. The examination of courses for these degrees or the assessment of published work for the Higher Diplomas and Associate Diplomas shall be conducted in accordance with the requirements for the degree.

Interpretation

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

"subject" means any course of study, whether a full-time degree, diploma, (including graduate diploma and associate diploma) or graduate certificate for which a candidate is enrolled;

"Department" means the department assigned responsibility for a particular subject and includes any other body so responsible;

"Departmental Examinations Committee" means the Departmental Examinations Committees of the Department constituted in accordance with the Rules governing Departments;

"examination" includes any form of examination, assignment, test or any other work by which the final grade of a candidate in a subject is assessed;

"external examiner for a candidate" means an examiner, not a member of the staff of the University, appointed to assist in the examination of an extended essay, project or similar work submitted by a candidate;

"external examiner for the Department" means an examiner, not a member of the staff of the University, appointed to assist in the examining processes within a Department;

"Faculty Board" means the Faculty Board of the Faculty responsible for the course in which a candidate is enrolled and includes a Board of Studies which gives powers relevant to this Rule;

"formal written examination" means an examination conducted under Part 4 of these Rules.

subject" means any part of a course of study for which a candidate is enrolled;

"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 other examination, by the Head of Department.
Examinations

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 undertaken respectively by the person or body in that Faculty approved for the purpose of these Rules by the Academic Senate.

(2) Where a subject is not the responsibility of a single Department, the person or body nominated to undertake the functions and responsibilities of the Head of a Department and the Departmental Examinations Committee in respect of that subject shall be decided 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 that Faculty is responsible and such examining may be written, oral, clinical or any practical or combination of these.

Publication of requirements

5. The Head of Department shall ensure the publication of the Department's examination requirements in each subject by the end of the first week of the semester in which the subject commences.

Part 2 - General

5. The examination requirements shall include 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 pursuant to Rule 16(2), or the instructions referred to in Rule 19 shall constitute an offence against discipline.

Part 3 - Procedures

External Examiners

1. (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 one year and, except with the approval of the Academic Senate, no external examiner for the Department shall be reappointed for more than four consecutive terms of office.

(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 appointed, such appointment shall be made by the Faculty Board or as otherwise prescribed in the Rules for that award.

Examining

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 the examination papers in the subjects;

(b) in consultation with any other members of staff involved in the tuition or supervision of the candidates, to select the scripts and other work submitted by candidates and, if required, prescribe a further or supplementary examination for any candidate;

(c) to record in an examination report a judgement in respect of each candidate for submission to the Departmental Examinations Committee.

Departmental recommendations of results

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

Part 4 - Formal Written Examinations

14. The Academic Registrar shall be responsible for the administration and supervision of the formal written examinations of the University.

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 those examinations prescribed for the subjects in which they are enrolled.

(2) Notwithstanding the provisions of Rule 15(1), where the Academic Registrar considers it justifiable on religious, conscientious or other grounds, special arrangements may be made to allow a candidate to attend a prescribed examination for a subject at a time and place different from that published in the examination timetable.

(3) Subject to the provision of Rule 15(1)(b), candidates who fail to attend an examination which is shown on the examination timetable to be deemed to have sat for and failed the examination.

Rules for formal written examinations

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

(a) candidates shall comply with any instructions given by a supervisor relating to the conduct of the examination;

(b) before the examination begins candidates shall not read the examination paper until granted permission by the supervisor which shall be given ten minutes before the start of the examination;

(c) no candidate shall enter the examination room after thirty minutes from the time the examination has begun;

(d) no candidate shall leave the examination room during the first thirty minutes or the last ten minutes of the examination;

(e) no candidate shall re-enter the examination room after leaving it during the full period of absence that candidate has been under approved supervision;

(f) a candidate shall not bring into the examination room any bag, paper, book, written material, device or aid whatsoever which 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 in any other candidate, or commit any breach of good order;

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

(i) no candidate may smoke in the examination room.

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

(a) by the Academic Registrar; and

(b) with the exception of paragraphs (d), (e) and (g) 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 shall be reported in writing to 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 subjects offered by the Department.

Timetable

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 justified on religious, conscientious or other grounds, special arrangements may be made to allow a candidate to attend a prescribed examination for a subject at a time and place different from that published in the examination timetable.

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.

Examination Results

End of year examination results shall be mailed out by late December. Examination results for Semester 1 subjects will be mailed out by the end of July.

No results will be given by telephone.

After the release of both Semester 1 and end of year examination results a student may apply to have a result reviewed on an appeal. There is a charge per subject, which is refundable in the event of an error being discovered. However, it should be noted that examination results are released only after careful assessment of students' performances and that, amongst other things, marginal failures were reviewed before results were released.
SPECIAL CONSIDERATION REQUESTS

All applications 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 will be administered by the Department that offered the subject. Consequently, you must therefore check with the Department that offered the subject to ascertain what Department’s requirements. You should also watch the Department’s noticeboard for further advice concerning Special Consideration.

Application forms may be obtained from your Faculty Office, Student Services Enquiry Counter, Student Health Services, Student Counselling Unit and Examinations & Services Counter, Hunter Building.

Part 2 of the University’s Examinations Rules specifies procedures relating to Special Consideration Requests, for details see page vii 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 application form and lodge it with the University Registrar 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 should allow adequate time for this to occur. Computer produced statements can normally be mailed within a week. Statements involving pre 1979 records might be expected to take longer to produce. Inquired applicants must clear their debt before statements can be mailed. Permission for formation of your statement may be obtained from the Student Division Enquiry Counter, Chancellorcy Building and the Examinations and Services Counter, Hunter Building.

UNSATISFACTORY PROGRESS

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

Students who become liable for action under the Regulations 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 action will be lodged together with Enrolment Application forms by Friday January 4.

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

Regulations Governing Unsatisfactory Progress

1. These Regulations are made in accordance with the powers vested in the Council under By-law 5.1.2.

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

3. In these Regulations, unless the context or subject matter otherwise indicates or requires:

   (a) "Admissions Committee" means the Admissions Committee of the Senate constituted under By-law 2.3.5.
   (b) "Dean" means the Dean of a Faculty in which a student is enrolled.
   (c) "Faculty Board" means the Faculty Board of a Faculty in which a student is enrolled.

2. (1) A student’s enrolment (a subject in which he may be enrolled) is to be terminated in accordance with the procedure for the removal of a student’s enrolment in Section 8 of the Regulations unless the student has been given prior written notice of the intention to consider the matter with particular reference to the grounds for his doing and has also been given a reasonable opportunity to make representations either in person or in writing or both.

3. (1) A Faculty Board may review the academic performance of a student who does not maintain a rate of progress considered satisfactory by the Faculty 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 Faculty Board may consider appropriate.

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

   (i) in the course;

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

   (iii) in the Faculty, or

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

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

3. (3) A student may appeal against any decision made by the Admissions Committee made under this Regulation.

4. (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 Faculty Board of that Faculty and on such conditions as it may determine after considering any advice from the Dean of the Faculty from which the student was excluded.

5. Where there is an appeal against any decision of the Admissions Committee made under Regulation 6 of these Regulations, the Admissions Committee or may substitute for it any other decision which the Admissions Committee is empowered to make pursuant to these Regulations.

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

   (a) make any decision which the Faculty Board itself has made pursuant to regulation 2 (1) (a), (b) or (c) of these Regulations, or

   (b) exclude the student from enrolment in another course, courses, or Faculty as it thinks fit or

   (c) exclude the student from the University.

6. (2) The Committee shall not make any decision pursuant to regulation 6 (1) (a) or (c) of these Regulations unless it has first given the student the opportunity to be heard in person by the Committee.

7. A student may appeal to the Vice-Chancellor against any decision made by the Admissions Committee under Regulation 6.

8. (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 Faculty Board of that Faculty and on such conditions as it may determine after considering any advice from the Dean of the Faculty from which the student was excluded.

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

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

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

9. (1) A student whose application to enrol pursuant to Regulation 8 (1) or (2) (a) of these Regulations is rejected by a Faculty Board may appeal to the Admissions Committee.

9. (2) A student whose application to enrol pursuant to Regulation 8 (2) (b) of these Regulations is rejected by the Admissions Committee may appeal to the Vice-Chancellor.

CHARGES

The General Services Charge (details below) is payable by all students. New undergraduate students are required to pay all charges when they intend to enrol.

Re-enrolling students receive in October each year, as part of their re-enrolment kit, a Fees and Charges Notice. Students are expected to pay charges in advance of re-enrolment at any Westpac Bank. The last date for payment of charges with the Westpac Bank is 8th March 1991.

1. General Services Charge (Students proceeding to a Degree or Diploma)

   (a) Full-time Students

   - Newcastle University Union Charge $35

   - Non-Degree Students $34

   - External Students $37

   The exact amount must be paid in full by the prescribed date.

2. Late Charges

   Where the Fees and Charges Notice is lodged with all charges payable after the 28 February 1992

   $50

3. Other Charges

   (a) Examination under special supervision $15 per paper

   (b) Review of examination results, per subject $25

   (c) Replacement of enrolment ticket $10

   (d) Replacement of Student Card $5

   (e) Statement of Matriculation Status $6 for non-member of the University

   (f) Statement of Academic Record, minimum 2 copies $10

   (g) Additional copy $1

Note:

Graduands will be provided with two copies of their statement free upon notification of eligibility to graduate.

(2) Statements will be issued on request free of charge to other tertiary education institutions.

4. Indebted Students

   All charges, including debts outstanding to the University, must be paid before or upon enrolment — part payment of total amount due will not be accepted.

METHOD OF PAYMENT

Students are requested to pay charges due at any Westpac Bank up to and including 28 February 1992. After 28 February 1992, payment of charges is still to be paid at any Westpac Bank but a $50.00 late fee will also apply.

HIGHER EDUCATION CONTRIBUTION SCHEME (H.E.C.S.)

The Higher Education Contribution Scheme (H.E.C.S.) requires students to contribute towards the cost of their higher education. Each semester a student’s H.E.C.S. liability is calculated according to his or her Student Load. The liability for an R semester full load in 1992 is $2250. Student Loans are calculated as at the census date each semester i.e. 31st March in Semester One and 31st August in Semester Two. If you fail a subject, or withdraw after the census date, your H.E.C.S. Liability remains unchanged.
4.00pm

CENSUS OR exempt. Exemption from payment of the
Students of Upfront contribution for the semester, with the balance to be paid by the
amount will be increased to ensure that the
which case they must either provide a tax file number
PAYMENTS is administered as part of the enrolment process.

CHANGE TO TITLE DEFERRED Students will not be permitted after the due
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OFFICE SPONSORED STUDENTS

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find will increase by 50 cents per day per item until the material is
returned. If library material is lost or damaged, the replacement cost plus
a processing fee will be charged.

Borrowing Rights
The following loan conditions apply at the Auchmuty and Huxley
Libraries.

Undergraduates 12 books overall for 2 weeks
Graduate Diploma/Postgraduate Diploma (Pass or Honours) 12
books overall for 2 weeks
Postgraduate Qualifying/Bachelor's Honours/Master's by
Coursework
12 books overall for 2 weeks
2 journals for 1 week
Staff/Higher Doctorate/PhD and Masters by research
30 books overall for 12 weeks
5 journals for 1 week
* Some heavy demand material will be available on 3 day loan only
to all staff and students.
** Most journals in the classification range 610-619 are not available
for loan.

Access to Information
Library facilities include the computerised catalogue, ALTEYCAT,
which provides direct access to information about materials held in the
Auchmuty, Huxley, Central Coast and Garden 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
version of other indexes will be available in the Reference Collection for
manual searching. Some will be available as computerised databases
available via telecommunication networks, AARNET, the Australian
academic network will provide access to others.

Photocopying
Photocopying facilities are available in all University Libraries. The
machines are operated by magnetic-strip cards which can be purchased
for $2.00. Credit for the photocopiers 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 photocopiers.

Inter-Library Services
Material not held in the University of Newcastle Libraries may be
obtained from other libraries within Australia or overseas. This service
is available to academic staff, higher degree and honours final year
students. 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
Both Auchmuty and Huxley Libraries cater for the needs of physically
disabled and visually impaired library users. Contact librarians in each
Library will hold information about the library, parking, lift keys and
other facilities like the Braille Library and the Kurzweil machine
which reads aloud from English printed text. Toilet facilities for disabled
persons are located near the entrance in Reading Room 2 and 4 of the
Auchmuty Library, whilst similar facilities exist in the foyer areas
outside the Huxley Library.

Hours of Opening
(a) Auchmuty Library
(i) Term Hours
Monday to Thursday 8.30am to 10.00pm
Friday 8.30am to 7.00pm
Saturday & Sunday 1.00pm to 5.00pm
(ii) Semester Breaks
Monday to Friday 8.30am to 7.00pm
Saturday & Sunday 1.00pm to 5.00pm
(iii) Long Vacation
Monday to Friday 8.30am to 5.00pm
(iv) Library Closed
Easter except Easter Monday, Christmas to New Year
(v) Library Open
Bauer Monday, Anzac Day, Queen's Birthday, Show Day, Labour
Day

(b) Huxley Library
(i) Term Hours
Monday to Thursday 8.30am to 9.00pm
Friday 8.30am to 5.00pm
Saturday & Sunday 1.00pm to 5.00pm
(ii) Semester Breaks
Wednesday 9.00am to 7.00pm
Other Days 9.00am to 5.00pm
Weekends Closed
(iii) Long Vacation
Monday to Friday 9.00am to 5.00pm
(iv) Library Closed
All public holidays

(c) Conservatorium Library
(i) Monday to Friday 9.00am to 1.00pm
2.00pm to 5.00pm
Closed for four weeks over Christmas/New Year vacation period.
### APPROVED PROGRAMS - UNDERGRADUATE

#### SECTION FIVE

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Diagnostic Strand</th>
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<tr>
<td>RA316S</td>
<td>Techniques and Surface Anatomy III</td>
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<td>RA317S</td>
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<td>RA318S</td>
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**BACHELOR DEGREES**

This section contains the course programmes which have been approved by the Faculty Board in accordance with the regulations governing undergraduate degrees in Occupational Therapy, Nutrition and Dietetics, Consumer Science and Medical Radiation Technology. Verification and specific enquiries for these courses can be directed to the Faculty Secretary or Course Director 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 Director**: 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.

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).

**APPROVED PROGRAM OF STUDY**

*Year 1*

<table>
<thead>
<tr>
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<th>Description</th>
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*Year 3*

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*Year 4*

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**BACHELOR OF HEALTH SCIENCE (NUTRITION & DIETETICS)**

*Duration*: 4 years full-time

*Availability*: On Campus

*Attendance*: Full-Time

**Total Credit Points**: 320
## Course Outline

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 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 (i.e. Semester 3).

### Year 1

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Credit Points</th>
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<tbody>
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### Year 2

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<td>ND401S</td>
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## Programme Outline

### Year 1

- **Course Code:** MRTCI01 MRT Physics, Radiation Biology and Protection
- **Credit Points:** 15

### Year 2

- **Course Code:** MRTD201 Diagnostic Instrumentation
- **Credit Points:** 10

### Year 3

- **Course Code:** MRTC202 Ultrasound and Digital Imaging
- **Credit Points:** 10

## BACHELOR OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)

### Year 1

- **Course Code:** PSH304 Social Issues in Health Care
- **Credit Points:** 5

### Year 2

- **Course Code:** MRTC203 Clinical Applications III
- **Credit Points:** 15

### Year 3

- **Course Code:** MRTC204 Pathology for MRT
- **Credit Points:** 15

## BACHELOR OF APPLIED SCIENCE (CONSUMER SCIENCE)

### Year 1

- **Course Code:** PSH305 Biocultural Issues in Health Care
- **Credit Points:** 5
Approved Programs of Study and other Course Details

Postgraduate Programs

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 Dependence Studies, Rehabilitation Counselling, and Holistic Health. Verification of details and specific requirements for these courses can be directed to the Faculty Secretary or Course Director as indicated.

**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 Directors**

Mr. J. Knight (Primary Health Care)

Dr. A. Nicholas (Clinical Drug Dependency Studies)

Dr. I. Bihobuche (Rehabilitation Counselling)

The Graduate Diploma in Health Science (Primary Health Care) programme covers the core curriculum in primary health care, including epidemiology, health promotion, health education, health policy, and health services management. The course is designed to prepare students for careers in primary health care, with an emphasis on leadership and management roles.

The Primary Health Care programme aims to develop professionals who can work effectively within health systems and communities. The programme is designed to prepare students for leadership roles in primary health care, with a focus on health promotion, disease prevention, and health education.

Primary Health Care includes such considerations as environment, promotion, and prevention approaches. Additionally, the core curriculum emphasizes 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 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**

The Higher Diploma in Health Science (Primary Health Care) consists of not only the specific subjects of the Principles and Practice of Primary Health Care but also the Health Ecology, the Health Care System, Health Research Design and Problem Solving Strategies in Health.

**Course Director**

Mr. J. Knight (Primary Health Care)

Dr. A. Nicholas (Clinical Drug Dependency Studies)

Dr. I. Bihobuche (Rehabilitation Counselling)

The Graduate Diploma in Health Science (Primary Health Care) programme covers the core curriculum in primary health care, including epidemiology, health promotion, health education, health policy, and health services management. The course is designed to prepare students for careers in primary health care, with an emphasis on leadership and management roles.

The Primary Health Care programme aims to develop professionals who can work effectively within health systems and communities. The programme is designed to prepare students for leadership roles in primary health care, with a focus on health promotion, disease prevention, and health education.

Primary Health Care includes such considerations as environmental, promotion, and prevention approaches. Additionally, the core curriculum emphasizes 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 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**

The Higher Diploma in Health Science (Primary Health Care) consists of not only the specific subjects of the Principles and Practice of Primary Health Care but also the Health Ecology, the Health Care System, Health Research Design and Problem Solving Strategies in Health.

A core curriculum does not cover the Australian Health Care system, the politics of health, assessment of health needs and design and development of programs to meet those needs, community participation and development, health promotion, multidisciplinary and intersectoral health care team functioning, and development of effective interprofessional skills for Primary Health Care.

In addition to the core curriculum, students will be offered a part-time basis over two years, and subject to demand, may be offered full-time over one year. The Graduate Diploma in Health Science is a postgraduate programme which follows a pattern of a common core of study along with professional specialisation. The course will be offered on a part-time basis to suit the needs of full-time students. 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.

It examines the need for social justice as a prerequisite for optimum health care, the strengthening of community power, the development of skills of mediation and advocacy and the creation of supportive, stable, clean environments for health.
SERVICES

SECTION SIX

standing for the first full-time equivalent year of the Masters and completion of its research projects than most Honours Graduate Diploma

emphasises the enhancement of areas of organisation analysis, management of change, quality analytical and innovative approaches to the use of scarce health

GRADUATE

a logical academic extension of the aligned Graduate Diploma in core of health subjects and a longer, guided period for development and completion of its research projects than mostHonours 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 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

HOLH561 Health Care Systems 10
TBA* Health Service Economics 10
COMM501 Financial Accounting 10
MNGT555 Introduction to Management 10

Year II

MHM613 Basic Biostatistics 10
TBA* Health Service Law 10
TBA* Health Services Management 10
ECON503 Employment Relations 10
or
MNGT511 Management Information Systems 10

Year III (Masters Students)

PSH661 Social/Ethical Issues 10
HOLH662 Evaluation of Health Services 10
Effective x2 20
or
HOLH663 Health Service Management and Research Project 20

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. Where there has been a change in course structure, resulting in new subjects, these new subjects have been coded differently to the 1991 coding system. The credit point value of a subject indicates the proportion of the normal full-time program (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 and Health Professions) and,
(ii) Postgraduate Subjects (under the headings of: Graduate Diploma in Health Sciences; Graduate Diploma/Master of Health Services Management).

Students will be advised on the assessment procedures and requirements for each subject by the relevant departmental officer to this subject.

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

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

* Subject codes to be advised (TBA)

SECTION SEVEN

RADIOGRAPHY SUBJECTS

DIPLOMA OF APPLIED SCIENCE (MEDICAL RADIATION TECHNOLOGY)

CONTINUING STUDENTS ONLY

RA116S PHYSICS FOR MEDICAL RADIATION TECHNOLOGISTS

15 cp

Physics provides the foundation study in an understanding of the principles utilised 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 1

10 cp

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 1

15 cp

Topics addressed in this subject include: cell and tissue biology; detailed anatomy and physiology of the skeletal system (upper and lower appendages); overview of body systems; respiratory anatomy and physiology; anatomy of the neck, skull and vertebral column; endocrine system; genetics; the immune system.
SECTION SEVEN

RA113S TECHNIQUES AND SURFACE ANATOMY 1 15cp

This subject provides the student with the opportunity to develop basic radiographic skills. These skills will be further developed through practice with radio-opaque mannequins in addition to clinical experience obtained during Clinical Studies 1.

RA114S CLINICAL STUDIES 1 15cp

This subject provides the student with the opportunity to apply theoretical concepts in a clinical setting. In addition, the skills of positioning introduced in Techniques and Surface Anatomy 1 will be further reinforced. 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.

RA115Q COMPUTING TECHNOLOGY IN MEDICAL RADIATION TECHNOLOGY 5cp

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 spreadsheet.

RA116N PRINCIPLES OF PATIENT CARE 5cp

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

RA214S IMAGING INSTRUMENTATION 2 10cp

This subject provides the student with further 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.

RA215S ANATOMY AND PHYSIOLOGY 2 15cp

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 venous systems and spinal nerves.

RA216S TECHNIQUES AND SURFACE ANATOMY 2 15cp

This subject provides the students with the opportunity to further develop their radiographic skills. The opportunity to practise these procedures will be offered in Clinical Studies 2.

RA217S PATHOLOGY 10cp

This subject is designed to introduce the student to general pathology, then consider pathologies of the various organ systems.

A diagnostic approach is utilised in these considerations.

RA218S CLINICAL STUDIES 2 20cp

This subject provides the student with the opportunity to apply theoretical concepts in a clinical setting. In addition, the skills of positioning introduced in Techniques and Surface Anatomy 2 will be further reinforced.

RA219W BEHAVIOURAL STUDIES 10cp

This subject has two parts. The first will contain an overview of lifespan development with relevance to the practice of diagnostic radiography. The second will focus on normal human behaviour to provide a yardstick by which other behaviour may be determined as abnormal.

RA220S RADIATION THERAPY PRINCIPLES 10cp

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;
- methods of apparatus calibration;
- radiation protection and its applications;
- application of computers in radiotherapy.

RA221S RADIATION THERAPY PRACTICE 15cp

Students will begin to develop an understanding of manual and computer planned radiotherapy treatment. Topics include:
- applications of ionising radiation;
- principles of hand planning;
- principles of computer planning;
- dose distribution and its application;
- optimisation of treatment plans;
- treatment modalities;
- effects of radiation;
- applications of a simulator.

RA222S NUCLEAR MEDICINE PRINCIPLES 5cp

Review of radioactivity, decay modes and interactions of radiation with matter;
- statistics of nuclear counting;
- historical review of nuclear detection and imaging devices;
- ionisation chambers, geiger detectors, radioisotope dose calibrators;
- scintillation detectors;
- photomultipliers, discriminators, scalers, rate meters, power supplies;
- pulse height analysis, multichannel analysers;
- semiconductor detectors;
- liquid scintillation counters;

RA223S RADIOPHARMACY AND BIOLOGICAL EFFECT 5cp

The following topics are considered:
- radiopharmaceuticals;
- hot laboratory design and dose dispensing techniques;
- quality control;
- in-house manufacture of cold kits;
- laboratory techniques and relevant equipment;
- fundamental principles of radiobiology;
- molecular and cellular radiobiology;
- early effects of radiation;
- late effects of radiation;
- health physics;
- design and implementation of radiation protection procedures.

RA224S NUCLEAR MEDICINE PRACTICE 1 15cp

Topics include:
- applications of radiomarkers;
- radiopharmaceuticals;
- hot laboratory design and dose dispensing techniques;
- quality control;
- in-house manufacture of cold kits;
- laboratory techniques and relevant equipment.

RA316S TECHNIQUES AND SURFACE ANATOMY 3 25cp

This subject encompasses specialised procedures in radiography as well as computer tomography.

RA317S STUDIES IN ULTRASOUND 15cp

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

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 student with 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 student with 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. The integrated blocks of clinical studies will facilitate increased confidence and competence in the performance of selected medical imaging 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. The examinations and procedures in the modules Techniques and Surface Anatomy 3 and Foundation Studies in Ultrasound will provide the range of topics addressed in this subject.

RA321S RADIATION THERAPY PRACTICE 2 15cp

The subject encompasses specialised procedures in radiotherapy, computer planning and the application of computerised tomography in treatment planning. Topics include:
- treatment planning;
- advanced hand planning techniques;
- tissue compensation;
- mould room;
- irradiation modalities and applications;
- electron beam 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 various 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.
RA32S NUCLEAR MEDICINE PRINCIPLES II 5cp
Topics in this subject include:
- digitisation of images;
- computer storage of images;
- computer manipulation of stored image data;
- display of stored digital image data;
- hard copy of stored digital image data.

RA34S RADIOPHARMACY II 5cp
This subject will focus on:
- radiopharmaceuticals and pregnancy;
- therapeutic radiopharmaceuticals;
- counting techniques;
- radiation decontamination techniques in relation to radiopharmacy;
- in vitro radiopharmacy;
- laboratory techniques and relevant equipment;
- cell radiotlabelling techniques.

RA36S NUCLEAR MEDICINE PRACTICE II 15cp
Topics in this subject include:
- Applications of radiocinides 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 multiscrystal 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 SCIENCES

HOLH101 HEALTH SUBJECTS 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 self-responsibility in personal health. The importance of research as a necessary tool of practice is also examined.

Health I 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 an introduction to the future subjects and Health I seeks to establish in students a sound grounding for Health II, Health III and Health IV.

HOLH201 HEALTH 2 10cp
Develops an understanding of the relationship between family, community and society, with particular reference to the Hunter Region and examines discipline statistics using relevant empiological data.

HOLH301 HEALTH 3 10cp
This subject focuses on national and State health policies and practice 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

ALSC101 HUMAN BIOBIOCHEMISTRY 20cp
This integrated subject is designed to provide a foundation study in human anatomy and physiology. It will provide the basis for subsequent development of a more profession-specific subjects. Topics considered in this subject include: an overview of body systems; biological chemistry; cell physiology; absorptive and post-absorptive metabolic processes; renal system; musculoskeletal systems; control and integration of body function; oxygenation and transport.

ALSC102 HUMAN BIOBIOCHEMISTRY 1A 15cp
This integrated study of human anatomy and physiology is designed to provide students of Occupational Therapy with a foundation subjects. It will provide the basis for the development of more in depth studies in Year 2.

ALSC103 HUMAN ANATOMY & PHYSIOLOGY I 20cp
Topics to be addressed in this subject include: cell and tissue biology; detailed anatomy and physiology of the skeletal system (upper and lower appendages); overview of body systems; respiratory anatomy and physiology; anatomy of the neck, skull and vertebral column; endocrine system; genetics; the immune system.

SECTION SEVEN

SUBJECT DESCRIPTIONS

ALSC104 CHEMISTRY (N & D) 10cp
This subject develops an understanding of the structure and physical - chemical characteristics of the macro - and micro-nutrients. A series of biologically relevant example will be provided and practical classes will be based on some of these examples.

ALSC106 EMBRYOLOGY AND COMPARATIVE PHYSIOLOGY 10cp
This subject will cover the development of the human being from conception to birth. It will also focus on comparison of the anatomy and physiology of representatives of the animal kingdom. Some aspects of genetics and plant physiology will also be covered.

ALSC108 HUMAN ANATOMY I (O/T) 10cp
This subject will provide a sound foundation in musculo-skeletal anatomy, specifically as it relates to the practice of Occupational Therapy.

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

ALSC203 HUMAN ANATOMY & PHYSIOLOGY II 15cp
A continuation of study from Anatomy and Physiology I. Topics include:
- detailed anatomy and physiology of visceral systems;
- digestive tract;
- renal tract;
- reproductive organs;
- vascular and lymphatic systems;
- nervous and vestibular systems and spinal senses.

ALSC204 PATHOLOGY FOR MRT 10cp
This subject is designed to introduce the student to general pathology, then consider pathologies of the various organ systems. A diagnostic approach is utilised in these considerations.

ALSC205 HUMAN PHYSIOLOGY 20cp
An integrated study of theory and practice in the function of the systems of the body. This will include macro and micro structure where applicable, study of feedback controls, role of specific nutrients related to function and altered function in disease states. This subject is closely integrated with Biochemistry 2.

ALSC206 BIOCHEMISTRY II 20cp
A detailed study of the metabolism of proteins, carbohydrates, nucleic acids, protein synthesis and the molecular basis of gene expression, energy yields. An introduction to Clinical Biochemistry. This subject will be closely integrated with Human Physiology.

ALSC301 FOOD SCIENCE (N & D) 20cp
This subject covers:
- a study of food science - the properties of carbohydrates, fats and proteins related to the commercial production of foods; systematic discussion of classifications and properties of food additives; food labelling and regulations;
- a study of food technology techniques and nutritional implications of freezing, drying, canning, heating and milling, brewing and distilling of foods and drinks;
- commodities - a study of the classification and marketing of natural and manufactured goods.

ALSC302 MICROBIOLOGY & IMMUNOLOGY (N & D) 20cp
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.

ALSC303 SECTIONAL ANATOMY 10cp
This subject provides the opportunity to study sectional anatomy in depth.

ALSC309 ONCOLOGY PATHOLOGY 10cp
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

PSHS101 HEALTH PSYCHOLOGY 10cp
This subject introduces the student to basic concepts in psychology as well as in a study of human development across the lifespan. The psychology of communication is also addressed in workshops.

PSHS102 HEALTH SOCIOLOGY 10cp
In this subject student 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 access to health services in Australian society.

PSHS202 HEALTH PSYCHOLOGY/ SOCIOLOGY 2 (O/T) 10cp
This subject enables the student to identify the behavioural and sociocultural components of health, illness, disability across the lifespan and their relation to the person and society application of knowledge of social and behavioural sciences in the practice of occupational therapy enhances the holistic approach taken in the course.
HEALTH PROFESSION SUBJECTS

PROP01 PROFESSIONAL PRACTICE I (O/T) 10cp

In these compulsory first year subjects, O/T and Nutrition and Dietetics students are presented with topics which encourage an understanding of factors significant for personal and professional development, and the foundation is laid for a reflective and critical understanding of professional roles. The subjects provide opportunities for learning and applying practical skills.

OCCT303 ELECTIVE (O/T) 10cp

A two part subject to broaden skills required for Occupational Therapy practice. Students are offered a choice from 6 areas of specialist practice. These may include for example, Home Modifications, Hand Management, Empathy Training.

OCCU401 OCCUPATIONAL THERAPY PRACTICE 4 35cp

This subject aims to provide opportunities for students to exercise increased responsibility, accounting for diability and independence in clinical decision-making and practice. The extended block placement is intended to facilitate the transition to the beginning practitioner level and is designed to encourage students to identify their own learning needs and interests and to function independently of supervision.

PSHS302 HEALTH PSYCHOLOGY SOCIOLOGY 3 (O/T) 10cp

This subject develops an understanding of the individuals including therapists and clients; the relationship within social systems; the influence of people and objects; influences which impinge on health care; counselling skills; relationships between stress and illness; professional relationships; team work; and the developments of the profession as a science.

HEALTH PROFESSION SUBJECTS

PROPI01 PROFESSIONAL PRACTICE I (N & D) 10cp

This subject introduces the principles of management in food service and department level in 2nd year (motivation, management processes, decision making, organisational theory and control; productivity; human resource management, recruitment, performance evaluation, career development, ethics; industrial relations at state and federal level, trade unions, industrial awards, compensation; health and productivity in the workplace).

PSHS303 SOCIAL ISSUES IN HEALTH CARE 5cp

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.

PSHS305 BIOETHICAL ISSUES IN HEALTH CARE 5cp

The introduction of new techniques and technologies in the health care and medical research contexts has raised public and professional awareness of a range of bioethical issues and dilemmas that require critical examination. This subject is designed to introduce students of Medical Radiation Technology to bioethical issues, and present them with a framework for analysis and evaluation of these issues.

OCCU302 OCCUPATIONAL THERAPY PRACTICE 3 50cp

This subject aims to: (1) consolidate skills in treatment planning and occupational analysis to develop skills in program development. Common in significant examples of occupational and psychosocial dysfunction experienced during early, middle and late adulthood will be used to provide stimuli for the exploration of the significance of: values, interests and choice; performance abilities in communication and interaction; major life tasks; and social groups and organisations as determinants of human occupation (2) further develop knowledge and skills in relation to professional, legal and ethical issues. In particular professional communication, methods of organisation and day-to-day management practices will be examined.

OCCU304 OCCUPATIONAL THERAPY PRACTICE 4 50cp

This subject provides an introduction to the theoretical and historical bases of occupational therapy, and to examine the components and determinants of human occupation through an exploration of the influence of the environment and the development of occupational behaviour. Students are introduced to concepts of task analysis and the practical aspects of Occupational Therapy. The subject includes a professional experience placement that serves to orient students to the nature and scope of occupational therapy practice.

OCCU306 OCCUPATIONAL THERAPY PRACTICE 2 50cp

This subject aims to consolidate assessment and communication skills acquired in Occupational Therapy Practice I and Professional Practice I; to provide opportunities to apply the problem solving process in treatment planning and occupational analysis; to develop students skills in the analysis, assessment of dysfunction and intervention strategies required for treatment across the lifespan, explore life roles and performance abilities as well as work and home environments; and encourage the use of appropriate media and technology in occupational therapy treatment.

MRTCI01 MRT PHYSICS, RADIATION BIOLOGY AND PROTECTION 15cp

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

MRTCI02 MRT INSTRUMENTATION 10cp

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.

MEDC01 MEDIACAL RADIATION TECHNIQUES 20cp

This subject provides the student with the opportunity to develop basic radiographic skills. These skills will be further developed through practice with radio-opaque mannequins in addition to clinical experience obtained during Clinical Applications I.
AF101S 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
- 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 semester

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.

BU112B MARKETING PRINCIPLES* (MNGT130) 10cp

Prerequisites BU112B

Corequisites Nil

Hours Four hours per week for one semester.

Assessment Assessment includes essays, presentation, projects and an examination.

Content
The concepts and general principles of marketing are studied to enable the student to develop a comprehensive understanding of both the total business environment and the role of the marketing function in a-v-a total management function. Topics include:
- The marketing process;
- The marketing mix;
- Short- and long-run planning;
- Consumer behaviour;
- Market research;
- Situation analysis;
- Market segmentation/targeting;
- Product, distribution, pricing and promotion policies;
- Customer service.

AF201S CONSUMER STUDIES 20cp

Prerequisites Marketing Principles

Corequisites Nil

Hours Four hours per week for one year.

Assessment Progressive, including assignments, workshops, laboratory reports, case studies and end of semester examinations.

Content
The consumption of public and private goods is an activity in which domestic and community interactions are of central importance. This module is concerned with the examination of those interactions and the implications of them for consumer policy. Topics include:
- Models of consumer behaviour - values and limitations. Social and environmental impacts of consumer behaviour. Attitudes and behaviour change;
- Product development and product evaluation;
- Consumer satisfaction, consumer rights and responsibilities, consumer organizations and legislation;
- Resource conservation as a goal of consumer policy and environmental pressure groups;
- Assessment of the scope and nature of consumer education.

AF202S APPLIED NUTRITION II 20cp

Prerequisites AF101S Food and Textile Science, AF102S Food and Nutrition I

Corequisites Nil

Hours Five hours per week for one year.

Assessment Progressive assessment combines laboratory work and reports, assignments, tests and case studies.

Content
Students will study the chemical and physical characteristics of individual food components to enable them to understand the interactions between the alterations within the components of raw commodities as they are turned into processed food ready for consumption. Topics include:
- The nature and properties of food constituents - lipids, carbohydrates, proteins (including enzymes), water and natural pigments and their role in food systems;
- The contribution of carbohydrates, lipids and proteins to colloidal off systems and the structural and rheological properties of foods;
- Natural pigments and artificial food colours;
- Sensory considerations of carbohydrates, lipids and proteins. Product development and recipe formulation.
AF304S APPAREL TECHNOLOGY III 20cp
Prerequisites  AF204S Apparel Technology II
Corequisites Nil
Hours Five hours per week for one year.
Assessment Progressive, based on assignments, seminars and laboratories.
Content
- Quality concepts in apparel analysis of ready-to-wear products;
- tailoring techniques, quality-cost relationship;
- apparel specifications;
- fashion industry, current issues;
- fashion forecasting and promotion;
- fashion merchandising;
- applied individual study in fashion industry.

INFO101 INTRODUCTION TO INFORMATION SYSTEMS 10cp
Prerequisite Nil
Hours 3 lecture hours and 2 tutorial hours
Examination To be advised
Content
Computers have made it possible to store and retrieve massive amounts of data, the "information age" is now a reality. This course introduces the skills and concepts needed to fully exploit the power of this new tool.

AF303S TEXTILE PERFORMANCE 20cp
Prerequisites  AF201S Textiles and Apparel Technology I
Corequisites Nil
Hours Five hours per week for one year.
Assessment Progressive, based on assignments and examination
Content
- Functional designing, structural and performance specifications;
- textile testing: principles and practices;
- testing laboratories;
- quality control system;
- durability, unit costs and life cycle costing;
- evaluating fabric performance in apparel manufacture;

Test To be advised.
POST - GRADUATE HEALTH SCIENCE SUBJECTS

HSS91P HOLISTIC HEALTH 20cp
This subject aims to better prepare health workers for holistic health practice as a framework of national health goals and priorities, by providing them with a multifaceted perspective on health, an appreciation of the total health system, and skill in problem solving at macro and micro levels. It consists of three interdependent units:

- Health Ecology, the Health System and Problem-Solving/Strategies for Change
- Group Dynamics - includes participation as a dependent person and significant others.

The aims are to experience at first hand the role of the health care provider at first hand, the role of the practitioner, leaders and communicators through the development of a model of the health system. Students will be given specific opportunities to develop and practice these skills and to broaden their understanding of the theoretical aspects of the subject.

HSS92P HEALTH RESEARCH DESIGN 10cp
This subject is designed to better prepare health workers as practitioners, leaders and communicators through the development of a model of the health system. A substantial proportion of the teaching will be conducted through laboratory or workshop style classes. These will provide supporting practical experiences for each specialisation, including introduction to computerised data processing. Opportunities for directed study will also be provided.

HSS91M BASIC PROCESSES 10cp
This subject consists of two units: Drug Use, Misuse and Addiction, which addresses the history, epidemiology and etiology of drug use and addiction; and Neurophysiology, Neurochemistry, and Pharmacology of Drug Action. This subject extends studies undertaken in Year 2 of the program. Topics will be included; testing and treatment, prevention and aftercare. Special emphasis will be placed on the educational and legal aspects of drug action and the relationship to health and social welfare systems. The role of the computer in the planning, evaluation of health care services and the development and practice of professional health care will be developed. The focus will be on the students' place of work (if deemed appropriate) and part will be undertaken in other venues where health care workers would report to an approved supervisor who would be an accredited health care worker.

HSS31P PRINCIPLES OF PRIMARY HEALTH CARE 10cp
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.

HSS32P PRIMARY HEALTH CARE PLANNING AND PRACTICE 20cp
This subject consists of three units: Counselling Theory - considers various theoretical approaches to counselling; dynamic, client-centred, existential, cognitive and behavioural. Focus is on the development of techniques and skills in interview, 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; Group Dynamics - includes participation as a "client" in a group exercise.

The aims are to experience at first hand the role of the "client" and to become more understanding of selves and others in a way that will increase helping potential and provide a clearer understanding of theories about group dynamics; 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.

HSS51M TREATMENT AND PREVENTION 10cp
This subject consists of three units: Treatment Issues and Educational and Legal Aspects 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.

HSS51M ADVANCED COUNSELLING 10cp
This subject consists of three units: Family Therapy - an in-depth analysis of theories and techniques of family therapy, and the development of appropriate clinical skills; Advanced Individual Counselling - a practical presentation and application of a variety of aspects of drug and alcohol counselling/practice including confrontation, early intervention, withdrawal techniques, maintenance, rehabilitation strategies and after-care. Counsellor problems and burnout are also discussed; Professional Practice - conducted more intensively, the process begins in Unit 3 of Counselling Theory and Procedures.

HSS33P DIRECTED STUDY 10cp
In recognition of their existing professional expertise 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 drawn from programs offered within University of Newcastle, or a course of self-directed study may be negotiated with staff members, such as a Reading Course, Seminar Program or a Skills Development course run by another approved institution. Options available in any year may be limited by staff resources.

HSS51W PRINCIPLES IN REHABILITATION 110cp
This subject consists of two strands which focus on Models of Rehabilitation Service Delivery and Social Policy and rehabilitation. These strands are designed to provide participants with knowledge of the history, development and principles of rehabilitation and the social welfare system in a multi-disciplinary context.

HSS46W REHABILITATION COUNSELLING 1 10cp
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 will be undertaken in other venues where rehabilitation counselling would report to an approved supervisor who would be an accredited rehabilitation counsellor.

HSS43W PRINCIPLES IN REHABILITATION 210cp
This subject extends studies undertaken in Year 1 by emphasising advanced counselling theory and practice and Professional 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 will be supervised and would include opportunities for students to have practical experience in case management of individuals, specialised groups and/or families. As well, opportunities would be provided for students to develop skills in job placement during a co-ordination, resource management and net working in the other agencies.

HSS48W REHABILITATION COUNSELLING 220cp
This course has been designed to introduce students to the major features of employment in Australia. Employment relations cover all aspects of the interaction of people in the workplace with informal and formal structures and procedures given equal attention. An appraisal of the degree to which the employment relationship is governed by common or conflicting interests provides a theoretical perspective to the course.

HSS45W MANAGEMENT INFORMATION SYSTEMS 10cp
This course is designed to expose potential managers to the variety of management information systems available today. The aim is to emphasise the role of the computer in the planning function, rather than simply in the day-to-day transaction based operational systems. Specific topics covered will include: structure of the MIS, decision making, strategic planning, the role of the microcomputer, decision support systems, expert systems, security and privacy implications.

HSS51W MANAGEMENT INFORMATION SYSTEMS 10cp
This course is designed to expose potential managers to the variety of management information systems available today. The aim is to emphasise the role of the computer in the planning function, rather than simply in the day-to-day transaction based operational systems. Specific topics covered will include: structure of the MIS, decision making, strategic planning, the role of the microcomputer, decision support systems, expert systems, security and privacy implications.
PSH661 SOCIAL AND ETHICAL ISSUES 10cp
Semester 1
Examination of health care issues from sociological and ethical perspectives.

HOLH662 EVALUATION OF HEALTH SERVICES 10cp
Semester 1
Review of health services management functions and structures including total quality management.

HOLH663 HEALTH SERVICES MANAGEMENT RESEARCH PROJECT 20cp
This research project will require students to engage in a "change" activity. The aim of this activity is to improve aspects of organisational function, understanding of the social, political and economic circumstances affecting health service delivery, management requirements and the change process.

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 corequisites carefully. The content descriptions for the listed subjects are set out in Section 8. 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. (Semester3 denotes full-year.) All subjects are offered on the Newcastle Campus.

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject Title</th>
<th>Credit Points</th>
<th>Semester</th>
<th>Prereq</th>
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**BACHELOR OF HEALTH SCIENCE (OCCUPATIONAL THERAPY)**

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* Subject codes for BU subjects may alter. Please check with the Department of Management. Semesters of offer of those subjects are yet to be confirmed. (Prerequisites may also be changing.)
GRADUATE DIPLOMA IN HEALTH SCIENCE
(PRIMARY HEALTH CARE)
(CLINICAL DRUG DEFENSIVE STUDIES)
(REHABILITATION COUNSELLING)

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MASTER OF HEALTH SCIENCE (PRIMARY HEALTH CARE)
(REHABILITATION COUNSELLING)

For subject details of these two programs, students are advised to contact the Faculty Secretariat and to consult the appropriate pages in Section Seven of this handbook.

GRADUATE DIPLOMA IN HEALTH SERVICES MANAGEMENT

MASTER OF HEALTH SERVICES MANAGEMENT

Not all subject codes for the Health Services Management program were available at the time of publication, however the details are:

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