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The University of New South Wales

General Studies

Board of Studies in
General Education

1987 Handbook

How to use this Handbook

The information in this Handbook is divided and laid out into **six parts**.

Undergraduate Study is about the programs and requirements available for undergraduate study.

Undergraduate Study: Subject Descriptions lists each exact or subject offered. Information includes:

- Subject number, title and description
- Where a subject is offered and excluded subjects, where applicable

Graduate Study is about higher degrees.

Graduate Study: Subject Descriptions lists each subject offered.

Information includes as for **Undergraduate Study: Subject Descriptions**, above.

Conditions for the Award of Higher Degrees.

Staff List



The University of New South Wales

PO Box 1 Kensington NSW Australia 2033 Phone 697 2222

General Studies

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General Education

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The address of the University of
New South Wales is:

PO Box 1, Kensington
New South Wales, Australia 2033

Telephone: (02) 697 2222

Telegraph: UNITECH, SYDNEY

Telex AA26054

Subjects, courses and any arrangements for courses including staff allocated, as stated in the Calendar or any Handbook or any other publication, announcement or advice of the University, are an expression of intent only and are not to be taken as a firm offer or undertaking. The University reserves the right to discontinue or vary such subjects, courses, arrangements or staff allocations at any time without notice.

Information in this Handbook has been brought up to date as at 8 September, 1986, but may be amended without notice by the University Council.

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Undergraduate Study

General Studies Program

Program Advice

If you require advice about enrolment, degree requirements, choice of electives or any other General Studies matters contact:

Administrative Officer
Robert Morrell
Department of General Studies
Room G54, Morven Brown Building
Telephone 697 2438.

Important: As changes may be made to information provided in this handbook, students should frequently consult the noticeboards of the Department of General Studies and the official noticeboards of the University.

Nature of the Program

The general education component of a professional degree course is designed to give students some knowledge of their social and political environment, the interaction between science and society, and the contribution of philosophy and the creative arts to society. The electives are designed for students from a wide variety of faculties and assume no prior knowledge of the subject concerned.

Electives have been placed in three main categories:

1. Social and Political Studies.
2. Science, Technology and Civilization.
3. Philosophy and the Creative Arts.

While students have a free choice of electives in 1987, the Department recommends that students choose at least one elective from each of the three categories to ensure that the aims of a program of general education are achieved.

Responsibility for the General Studies program rests with the Board of Studies in General Education which was established by Council in 1963.

Structure of Electives

The Department of General Studies restructured its electives in 1983.

- Half electives are designated by a six-digit subject number. These electives were expanded from 21 to 28 hours duration and are given over one session.
- Full electives are designated by a five-digit subject number. These electives were expanded from 42 to 56 hours duration and may be given over two sessions or compressed into one session.

Students may complete their General Studies requirements with any combination of half electives and full electives.

Undergraduate Study

General Studies Requirements

The normal General Studies requirement is 168 hours for students who are taking full-time courses of at least four years duration and 126 hours for three-year full-time courses. The corresponding hours for part-time courses are 168 hours for courses of over 6 years and 126 hours for courses of 6 years and under. Due to the change in the structure of electives (expansion of half electives from 21 to 28 hours and electives from 42 to 56 hours), students are required to take fewer of the new electives.

Students who started their General Studies requirement under the old system are required to take no more than the original requirement.

Substitution of Arts Subjects for General Studies Electives

1. Courses in all faculties other than Commerce

Students may upon the recommendation of the Head of the School offering the subject and with the approval of the Head of the Department of General Studies or their nominees substitute one or more Arts subjects for General Studies electives. For this purpose Arts subjects of six credit points may be substituted for 56 hours of General Studies and Arts subjects of twelve credit points may be substituted for 112 hours of General Studies. Contact the Department of General Studies Office for information about which subjects listed in the Faculty of Arts Handbook may be substituted.

2. Courses in the Faculty of Commerce

Commerce students may substitute Arts subjects in accordance with the following rules:

(1) Candidates may include among their options subjects which are any electives other than economics offered by the Department of General Studies, or any subjects other than

economics that are qualifying subjects for the degree of Bachelor of Arts at the University of New South Wales.

(2) An elective taught by the Department of General Studies and the corresponding Arts subject may not both be counted towards the requirements for the degree and no more than one and a half electives taught by the Department of General Studies may be counted towards the requirements of the degree.

Restrictions on the Selection of Particular Electives

The following restrictions on counting certain General Studies electives apply to students who have completed the subjects listed below offered by the Faculties of Arts and Architecture.

1. Students who have completed 54.501 Political Science 1 or 54.1003 Australian Political Institutions may not count among their General Studies electives 26.1503 Political Conflict in Australia.

2. Students who have completed 50.511 English 1A or 50.521 English 1B may not count among their General Studies electives:

- 26.3515 The Modern Novel
- 26.3516 Australian Fiction since 1970

3. Students who have completed 15.001 Economics 1A or 15.001 Micro-Economics 1 may not count among their General Studies electives:

- 26.1504 Political Economy: Adam Smith to Karl Marx
- 26.1505 Economic Thought: Marginalism to Monetarism
- 26.1506 Australian Macro-Economic Problems and Policies
- 26.1507 Australian Micro-Economic Problems and Policies
- 26.162 Economics

4. Students enrolled in course 3380 Landscape Architecture may not count among their General Studies electives:

26.3509 History of Landscape Architecture

5. Students who have completed 36.411 Town Planning or 36.4014 Environmental Planning or who are enrolled in course 3360 Town Planning may not count among their General Studies electives:

26.253 Environmental Planning

6. Students enrolled in course 4030 Social Work may not count among their General Studies electives:

26.1515 Australian Welfare History

Note: Due to the change in hours required for electives, the numbering of all electives has changed. Students are requested to check subject descriptions for details of restrictions on entry to particular electives.

Undergraduate Study

Subject Descriptions

Identification of Subjects by Number

A subject is defined by the Professorial Board as 'a unit of instruction approved by the University as being a discrete part of the requirements for a course offered by the University'.

Each approved subject of the University is identifiable both by number and by name as this is a check against nomination of subject other than the one intended.

Subject numbers are allocated by the Registrar and the system of allocation is based on the following guidelines:

1. The authority offering the subject, normally a School of the University, is indicated by the number before the decimal point.
2. Each subject number is unique and is not used for more than one subject title.
3. Subject numbers which have previously been used are not used for new subject titles.
4. Graduate subjects are indicated by a suffix 'G' to a number with three digits after the decimal point. In other subjects three or four digits are used after the decimal point.

Subjects taught are listed in full in the handbook of the faculty or board of studies responsible for the particular course within which the subjects are taken. Subject descriptions are contained in the appropriate section of the handbooks.

The identifying numerical prefixes for each subject authority are set out below.

Servicing Subjects are those taught by a school or department outside its own faculty. Their subject descriptions are published in the handbook of the faculty which originates the subject and also in the handbook of the faculty in which the subject is taught.

	School, Department etc	Faculty
1	School of Physics	Science
2	School of Chemistry	Science
4	School of Materials Science and Engineering	Applied Science
5	School of Mechanical and Industrial Engineering	Engineering
6	School of Electrical Engineering and Computer Science	Engineering
7	School of Mines (Mineral Processing and Extractive Metallurgy and Mining Engineering)	Applied Science
8	School of Civil Engineering	Engineering
9	School of Fibre Science and Technology (Wool Science)	Applied Science
10	School of Mathematics	Science
11	School of Architecture	Architecture
12	School of Psychology	Biological Sciences
13	School of Fibre Science and Technology (Textile Technology)	Applied Science
14	School of Accountancy	Commerce
15	School of Economics	Commerce
16	School of Health Administration	Professional Studies
17	Biological Sciences	Biological Sciences
18	School of Mechanical and Industrial Engineering (Industrial Engineering)	Engineering
21	Department of Industrial Arts	Architecture
23	School of Nuclear Engineering	Engineering
25	School of Mines (Applied Geology)	Applied Science
26	Department of General Studies	Board of Studies in General Education
27	School of Geography	Applied Science
28	School of Marketing	Commerce
29	School of Surveying	Engineering
30	Organizational Behaviour	Commerce
31	School of Optometry	Science
32	Centre for Biomedical Engineering	Engineering
35	School of Building	Architecture
36	School of Town Planning	Architecture
37	School of Landscape Architecture	Architecture
38	School of Biological Technologies (Food Science)	Applied Science
39	Graduate School of the Built Environment	Architecture
40	Professorial Board	
41	School of Biochemistry	Biological Sciences

	School, Department etc	Faculty
42	School of Biological Technologies (Biotechnology)	Applied Sciences
43	School of Botany	Biological Sciences
44	School of Microbiology	Biological Sciences
45	School of Zoology	Biological Sciences
46	Faculty of Applied Science	Applied Science
47	Faculty of Engineering (Safety Science)	Engineering
48	School of Chemical Engineering and Industrial Chemistry	Applied Science
50	School of English	Arts
51	School of History	Arts
52	School of Philosophy	Arts
53	School of Sociology	Arts
54	School of Political Science	Arts
55	School of Librarianship	Professional Studies
56	School of French	Arts
57	School of Theatre Studies	Arts
58	School of Education	Professional Studies
59	Department of Russian	Arts
60	Faculty of Arts	Arts
61	Department of Music	Arts
62	School of History and Philosophy of Science	Arts
63	School of Social Work	Professional Studies
64	School of German Studies	Arts
65	School of Spanish and Latin American Studies	Arts
66	Subjects Available from Other Universities	
67	Faculty of Science	Science
68	Board of Studies in Science and Mathematics	Board of Studies in Science and Mathematics
70	School of Anatomy	Medicine
71	School of Medicine	Medicine
72	School of Pathology	Medicine
73	School of Physiology and Pharmacology	Medicine
74	School of Surgery	Medicine
75	School of Obstetrics and Gynaecology	Medicine
76	School of Paediatrics	Medicine
77	School of Psychiatry	Medicine
78	School of Medical Education	Medicine
79	School of Community Medicine	Medicine
80	Faculty of Medicine	Medicine
81	Medicine/Science/Biological Sciences	Medicine
85	Australian Graduate School of Management	AGSM
90	Faculty of Law	Law

Board of Studies in General Education

Electives have been placed in three main categories:

1. Social and Political Studies
2. Science, Technology and Civilization
3. Philosophy and the Creative Arts.

While students have a free choice of electives in 1987, the Department recommends that students choose at least one elective from each of the three categories to ensure that the aims of a program of general education are achieved.

0. Student Oriented Elective

Elective (56 hours)

- 26.002 General Studies

1. Social and Political Studies

Half Electives (28 hours)

- 26.1301 Technologies and Communities: A History
 26.1503 Political Conflict in Australia
 26.1504 Political Economy: Adam Smith to Karl Marx
 26.1505 Economic Thought: Marginalism to Monetarism
 26.1508 Human Differences
 26.1509 Contemporary Australian Society
 26.1510 Social Inequality in Australian History
 26.1512 Multicultural Societies
 26.1513 World Inequality
 26.1514 World Conflict and Control
 26.1515 Australian Welfare History
 26.1516 Oral History Workshop
 26.1519 Modern China
 26.1520 Australia in South-East Asia
 26.1521 Australia and Japan
 26.1522 The Central Nuclear Balance
 26.1523 The Mass Media

Electives (56 hours)

- 26.131 The French Speaking World
 26.132 Contemporary Germany
 26.133 Marxian Political Economy
 26.161 'Contemporary History' and Global Problems
 26.162 Economics
 26.164 Man and Landscape in Australia

2. Science, Technology and Civilization

Half Electives (28 hours)

- 26.2501 Technology and Development
 26.2504 Philosophy of Technology (Ancient)
 26.2505 Philosophy of Technology (Modern)
 26.2506 History of Medicine
 26.2507 Philosophy of Science
 26.2508 Cosmology

Electives (56 hours)

- 26.220 Understanding the Earth
 26.221 Amazonia—Saga of a Rainforest
 26.222 Knowledge and Belief in the Sciences
 26.223 The Unreasonable Effectiveness of Mathematics
 26.224 Women, Science and Society
 26.225 Man and the Sea
 26.226 Science of Music
 26.252 Man and Environment
 26.253 Environmental Planning

3. Philosophy and Creative Arts

Half Electives (28 hours)

- 26.3509 History of Landscape Architecture
 26.3517 Modern Drama

Electives (56 hours)

- 26.330 Language, Literature and Society
 26.331 Music in Society
 26.351 Gastronomy: a Philosophical Introduction to Food in Society
 26.353 Rationality and Critical Thought
 26.354 Communication and Uses of Language
 26.355 Philosophy of Music
 26.356 Popular Culture

0. Student Oriented Elective

Elective (56 hours)

26.002 General Studies

Designed for students who wish to pursue independent study and/or research in the humanities and social sciences which does not fall specifically into the domain of any existing elective. Students wishing to enrol in this elective must present a detailed program of study and/or research project for approval to the Board of Studies in General Education by 31 January of the year in which they wish to enrol. Students interested in undertaking this option should contact the Head of the Department of General Studies to obtain advice on presentation of the proposed program of study.

1. Social and Political Studies

Half Electives (28 hours)

26.1301 Technologies and Communities: A History

A comparative historical perspective on contemporary technological issues. The relationships between technology and social relations in all their forms. Technological continuities and revolutions in the broader social, economic and political context. Area focus varies from year to year, within the main areas of Europe, North America, Australia and Asia—regions with often very different technological traditions, and very different traditions of social relations and organisation. Topics may include: the Agrarian revolutions; stone, wood and metal cultures; protoindustrial and industrial societies; technologies of war; medicine; transportation and communications; technology and the debate on 'post-industrial society'; the technology of the global village; colonialism and technology; the social impact of technological revolutions.

26.1503 Political Conflict in Australia

Richard Lucy

Excluded: 26.311 Political Conflict in Australia.

Political conflict within and between Australian political parties, pressure groups, trade unions and the mass media over the last 15 years. Institutions (such as federalism, the electoral system, the bureaucracy and Parliament) which affect this conflict, and Australian political issues.

26.1504 Political Economy: Adam Smith to Karl Marx

Jack Brown

Excluded: 26.613 Economic Thought: Adam Smith to Present Day.

A broad analysis of the development of economic thought from its scholastic origins to Karl Marx, with emphasis on the works of Adam Smith, Thomas Malthus, David Ricardo, John Stuart Mill and Karl Marx.

26.1505 Economic Thought: Marginalism to Monetarism

Jack Brown

Excluded: 26.613 Economic Thought: Adam Smith to Present Day.

The development of economic analysis from the 'Marginalist Revolution' of the 1870s to the current post-Keynesian Monetarist controversy. Emphasis on the works of Jevons and Menger, Marshall, Pigou, Veblen, Keynes, Samuelson, Galbraith and Friedman.

26.1508 Human Differences

Ralph Hall

Excluded: 26.1012 Human Differences.

The nature and extent of human differences and their relation to human inequality. Includes attempts to explain inequality in historical perspective with particular reference to the influence of Social Darwinism, the eugenics movement and the mental testing tradition; recent hereditary accounts of inequalities in race, sex and class and their critics; the status of the concept of intelligence; ideological considerations in the study of human differences.

26.1509 Contemporary Australian Society

Ralph Hall

Excluded: 26.3006 Contemporary Australian Society.

The structure and functioning of Australian society. Detailed topics include the class structure of Australian society; inequalities in the distribution of wealth and income; composition of the workforce; trade unions; welfare; the role of the mass media; education and religion and the place of Australia in world capitalism.

26.1510 Social Inequality in Australian History

Richard Kennedy

Excluded: 26.3000 Social Inequality in Australian History.

Not offered in 1987.

A class interpretation of some aspects of Australian social history. Issues include: historical materialism; the political crisis in social history; Aboriginal resistance to and destruction by European invasion; nuclear family, sexism and mateship; distribution of wealth and poverty; unemployment in the 1890s, 1930s and today; the dominant class and the media; inflation and welfare as expressions of class struggle; the people's health.

26.1512 Multicultural Societies

Roger Bell

Excluded: 26.4007 Ethnic Minorities and US Society.

The nature, determinants and consequences of immigration in a number of societies — Australia, USA, Malaysia and South Africa, using a comparative approach. In the light of theories on stratification, internal colonization, mobility, acculturation and pluralism, attention is given to the history of various immigrant groups in each of these societies. Relations between settlers and indigenous peoples; relationships between ethnicity, class, status and power; and contrasts in the rates and nature of assimilation and mobility of different groups are examined. Emphasis on the impact of immigration on patterns of employment, education, health care, housing and socio-economic mobility, especially in contemporary Australia.

26.1513 World Inequality

Roger Bell

Excluded: 26.562 Problems of Underdeveloped Countries, 26.2502 Political Economy of Development and 26.2503 Sociology of Development.

Within a broadly comparative historical framework, the principal arguments concerning the origins and nature of the inequality of nation states and the inequality of people are examined. The nature and extent of the economic gulf between the so-called 'developed' and 'developing' worlds and between classes and groups within the 'developing' world and then the various explanations of mass poverty and inequality. Emphasis on the legacies of colonialism, dependence and dependency theory, internal colonization, population pressures, scarcity of natural resources, and the roles of elites and governments in developing states.

26.1514 World Conflict and Control

Richard Lucy

Prerequisite: Pass in one other elective. Excluded: 26.4005 World Conflict and Control.

International aggression, group behaviour, national images, factors influencing relations between nations and the debate on the causes and prevention of war.

26.1515 Australian Welfare History

Richard Kennedy

Excluded: 26.3004 Social Welfare and Ideology in Australia.

An historical analysis of aspects of Australian social policy, social welfare and social work from 1788 to the present. Principal topics include: the origins of colonial charity and philanthropy; charity and ideology in colonial Victoria; 'deserving' and 'undeserving' poor; women's philanthropy; economic depressions in the 1890s, 1930s and perhaps today; social work as a profession and its contested origins; theory and practice of the Welfare State in Britain and Australia; 'less eligibility' as a key to 19th century welfare and to welfare and labour policy in the 1980s; the opposing epistemologies and methodologies of liberal and socialist historiography.

26.1516 Oral History Workshop

Richard Kennedy

Students must supply their own cassette recorder and cassettes.

Seminars and workshops on the theory and practice of oral history in Australia. Principal topics include: oral evidence throughout history (eg the Putney Debates of 1647); strengths and limitations of oral evidence compared with other forms; its relation to popular history and the 'silent people'; people's history; the new oral history in Australia, Britain, France, Italy and USA. For the workshop, every student conducts one major interviewing project.

26.1519 Modern China

Roger Bell

Excluded: 26.4004 China: since the Revolution.

The impact of the West and the collapse of traditional China in the 19th century, then, in detail, the origins and failures of the revolution of 1911 and the causes and nature of the Communist revolution of 1949. Emphasis on social, economic, ideological and political transformation of recent China, its impact on international relations and its role as a revolutionary 'model' for other developing states.

26.1520 Australia in South-East Asia

Robyn Lim

Excluded: 26.3002 Australia in South-East Asia.

Australia's relations with the ASEAN countries (Indonesia, Philippines, Thailand, Malaysia, Singapore). Emphasis on political and strategic factors, as well as economic issues. Special attention paid to Australian-Indonesian relations and post-1978 situation in Indochina.

Assessment: Based on tutorial participation, tutorial essay and short class test.

26.1521 Australia and Japan

Robyn Lim

The history of Australia's relations with Japan and the current state of the bilateral relationship. Stress on political and security aspects of the relationship in the context of United States foreign policy. The importance of ASEAN (Association of South-East Asian Nations) to the Australia-Japan connection. The future of the 'Pacific Community' concept. Economic aspects of the bilateral relationship with special reference to Australian resources and industrial relations policies.

26.1522 The Central Nuclear Balance

Richard Lucy

The debate on aspects of the central nuclear balance. Topics: the assessment of national power as applied to the Soviet Union and the United States; the strategic doctrines of mutual assured destruction and counterforce; the debate about the neutron bomb, about damage limitation, the nuclear arms race, arms control, nuclear disarmament, civil defence, and the broad strategic doctrines of the Soviet Union and the United States.

26.1523 The Mass Media

Jan Bruck

Major developments of the media, and of media theory, in the 20th century as seen from the Australian context. Topics include: changes in media technology, ownership and control of the media, the transition from literate to electronic communication, the structure and politics of programming, analysis of documentary and fictional texts, the production of news, aspects of audience reception.

Electives (56 hours)

26.131 The French Speaking World

Part I: Analysis of the different categories of French speaking countries: European, ex-colonies, overseas French territories, and, within these categories, analysis of the different types of cultural and political situations.

Part II: Study of the situation and role of France in the modern world with special emphasis on the South Pacific and Indian Ocean regions and on French-Australian connections.

26.132 Contemporary Germany

An introduction to contemporary life and culture in the Federal Republic of Germany and the German Democratic Republic, beginning with a historical overview of political and economic developments since 1945. Social and political institutions, such as government, education, the trade union structure, industry and commerce, the arts, especially architecture and the theatre. Comparison of the situation in Germany with the corresponding aspect in Australia.

26.133 Marxian Political Economy

Prerequisite: 26.162 Economics or 15.001 Macro-economics 1.
Excluded: 15.043 Marxian Political Economy.

Varieties of political economy, Marx and the classics, the Marxian system, Marxian economics since Marx, Marx and socialist planning, Marxian analysis of current economic problems.

26.161 'Contemporary History' and Global Problems

Joan Ritchie

Excluded: 26.416 Contemporary History and Global Problems.

1. What history is, particular content of contemporary history, how it differs from current affairs. Bias in television and newspaper reporting. 2. Selected global problems which have developed since 1945.

Assessment: Essays and class work.

26.162 Economics

Excluded: 26.610 or 26.615 Economics.

Aims to acquaint students with elementary techniques of economic analysis sufficient to understand the major influences affecting the overall economic performance of the country and the particular industries in which students may be employed. *Session 1:* Macro-economics, ie the study of general economic forces affecting the economy as a whole. The determinants of the level of national income, the volume of employment and causes and consequences of variations in the money supply. *Session 2:* Micro-economics, ie the economics of the parts of the economy such as the firm and the industry; the determination of prices in different types of markets, the economic aspects of individual behaviour, and factors affecting wage rates. The economics of international trade and payments. Where appropriate, references are made to the Australian economy.

26.164 Man and Landscape in Australia

Ronnie Harding/Graham Pont

Excluded: 26.203 Man and Landscape in Australia.

The study of man and environment. The use, design and management of the landscape in Australia, and different problems (ecological, economic, political, social, ethical, aesthetic, etc) facing the modern Australian in his urban and rural and 'natural' surroundings. The general history of the Australian ecosystem from the earliest evidence of Aboriginal occupation, and changes in the natural and built environment from the pioneers to the modern town planners, developers, landscape architects and civil engineers. The tradition of landscape gardening in Europe and Australia and current research in local ecology and its applications to environmental policy; the development of an awareness of landscape as expressed in art and literature.

Assessment: Set essays or an individual research project.

2. Science, Technology and Civilization

Half Electives (28 hours)

26.2501 Technology and Development

Ted Trainer

The debate between conventional and alternative views about technology, development, our socio-economic system and the future. Implications of striving for continued growth in living standards and Gross National Product on resources and energy, the environment, Third World poverty, international conflict and the quality of life. The argument for fundamental change to a more simple, self-sufficient and co-operative alternative society.

26.2504 Philosophy of Technology (Ancient)

Graham Pont

Excluded: 26.569 Philosophy of Technology.

The ancient philosophy of technology ('art imitates nature'), with special emphasis on the role of musical and mathematical ideas in the thought of Pythagoras, Plato, Aristotle and Vitruvius. Representative writings, as well as publications of recent research provide the basis for tutorial discussions.

26.2505 Philosophy of Technology (Modern)

Graham Pont

Excluded: 26.569 Philosophy of Technology.

This elective forms a sequence with 26.2504 Philosophy of Technology (Ancient), which, however, is not a prerequisite. The history of ideas about technology, arts, crafts, etc., from the early Renaissance to modern times, with special reference to recent developments in the philosophy of technology. Main topic is the development of the Mechanical World-View in the Age of Science, and the search for alternative philosophies in today's Technological Society. Weekly tutorial classes are devoted to reading and discussing significant thinkers from Roger Bacon to Lewis Mumford and Henryk Skolimowski.

26.2506 History of Medicine

Randall Albury

Excluded: 26.568 or 62.109 or 62.309.

General history of medicine from Greek antiquity to the 20th century, with emphasis on the interaction between medical and non-medical areas of culture, including philosophy, religion, science and social development. Primarily designed for medical students; however, open to students from other faculties, and no prior technical knowledge of medical matters is necessary.

26.2507 Philosophy of Science

Phillip Staines

Excluded: 26.817 Philosophy of Science.

Some of the common forms of argument, eg analogical, deductive, hypothetical, inductive, intuitive, employed in science, and questions of what is meant by scientific knowledge, how it is arrived at, on what grounds it is held, and how it changes. The way science explains empirical 'facts' with the aid of models and analogies and 'laws' of nature; to the kind of understanding its explanations can give us and the confidence with which we may believe its predictions; the tools and ideas of science; the structure and nature of its theories, the status of its principles and concepts, and the dynamics of its development and change.

26.2508 Cosmology

Simon Prokhovnik

Excluded: 26.566 Cosmology.

Recent developments in astrophysical observations and their impact on cosmological theories. The mathematical exposition of cosmological theories and the relation of mathematical models to the physical world and our observations of it. A cosmological model based on the assumption of a uniformly expanding universe together with its implications for relativity and gravitation, and for the nature of matter and of life. Students should have an interest in mathematics and physics and the nature of the world around us. Mathematical descriptions are employed, but the emphasis is on the significance of mathematical concepts rather than on mathematical manipulation.

Electives (56 hours)

26.220 Understanding the Earth

Excluded: 25.110 Earth Materials and Processes, 25.120 Earth Environments and Dynamics.

Formation, structure and dynamics of the Earth. Nature of geological processes involved in continental drift, mountain building and the formation on continents and ocean basins. Development of Australia during the past 4000 million years. Fossils, the origin and evolution of life, and the geological time scale. Economic importance of geology. Impact of exploitation of natural resources on the environment.

26.221 Amazonia—Saga of a Rainforest

The Amazonian rainforest, unique for its size and importance—not just to the countries in which it lies, but to the entire world. The geography of the area; its 'natural' ecosystems including the indigenous people and their cultures. The impact of modern development on the environment and possible deleterious effects on the Earth's ecosystem. Rainforest resource management within the context of policy choices to be made by developing nations.

26.222 Knowledge and Belief in the Sciences

An introduction to the philosophy and sociology of scientific knowledge. The way in which beliefs about the natural world become accepted as knowledge in various cultures, and especially in modern scientific culture. Topics are organised historically and include: oral traditions and the introduction of writing; the impact of the invention of printing; the origins and development of the experimental method; the effect of the political and social environment on scientific thought; rhetoric and rationality in scientific controversies; the nature of progress and theory change in the sciences; the relations between science and technology as forms of theoretical and practical knowledge.

26.223 The Unreasonable Effectiveness of Mathematics

The course attempts to answer the following questions. (1) What is mathematics? (Is it more than a language? What are its limitations? Wherein lies its power?) (2) Why is mathematics so effective? (Critical examples are drawn from current technology, the physical sciences and the social sciences).

No deep technical mathematical knowledge is pre-supposed.

26.224 Women, Science and Society

Social and historical background to the participation of women in science in Australia and overseas.

Common explanations of sex work-role differences including dual career (home/work), fear of success, sociobiology, mathematics, anxiety, masculine/feminine images of occupation.

Various strategies for reducing work force sexual segregation including affirmative action and staff development, feminist proposals such as re-organization of work, networking and assertiveness training.

26.225 Man and the Sea

Excluded: 45.112 *Marine Ecology*; 68.302 *Introductory Marine Science*

A description of the coastal marine environment and man's impact upon it.

The course includes discussion of marine living organisms, ocean chemistry, geology and ocean physics, and their interrelationship. Emphasizes case studies and the impact of development of industry and recreation areas in the Sydney area. Lectures supplemented with field trips.

26.226 Science of Music

A non calculus course exploring the physical basis of music in its various forms and its historical development in relation to physics. Physical concepts of motion, energy, waves and sound. Perception and measurement of sound—hearing, pitch, timbre, scales, harmony. Acoustics of musical instruments—strings, brass, woodwind, percussion, voice. Electrical production of sound—electronic organs, synthesisers, computers. Acoustics of spaces—auditoria, studios, reinforcement.

26.252 Man and Environment

Ronnie Harding

Excluded: 26.200 *Man and Environment*.

Within the theme population-resources-environment, examination of a wide range of topics concerned with man's interaction with the environment. The emergence and nature of modern environmentalism. Critical analysis of recent and current Australian environment issues, stressing broad-based multi- and interdisciplinary ecological assessment.

26.253 Environmental Planning

Stephen Harris

Excluded: 36.211 *Introduction to Planning*, 36.411 *Town Planning*, 36.4014 *Environmental Planning*.

The environmental planning process and the individual's rights under it. The objectives of environmental planning and how the system operates, with particular reference to New South Wales. The nature of planning philosophy, environmental law and administrative structures. Topics: the central business district of cities, housing and equity, land-use and transport interaction, urban design, location theory, and urban and rural conservation. As planning is a temporal concept, historical, contemporary and future themes are built into the subject. Assessment is by written assignment, tutorial paper, and class participation. The assignment is based on the lecture material, and students are also required to prepare a written paper for tutorial discussion.

3. Philosophy and Creative Arts

Half Electives (28 hours)**26.3509 History of Landscape Architecture**

C. A. Burton

Excluded: 26.913 *History of Landscape Architecture*, 37.9013 *History of Landscape Architecture*, 37.1403 *History of Landscape Architecture*.

The chronological development of cultural landscapes through the investigation of philosophical, aesthetic and social aspects of Eastern and Western cultures with an emphasis on the Australian context. Man's changing attitude to nature as reflected in land uses, the development of garden design and landscape architecture.

26.3517 Modern Drama

Jan Bruck

Excluded: 26.730 *Modern Drama*.

Major directions of 20th century European, American and Australian drama and theatre-making (social drama, epic theatre, existentialist and absurdist plays, radical and avant-garde theatre, television and popular drama) as related to changes in the political and social sphere. As part of the required work students may participate in the production of a play.

Electives (56 hours)**26.330 Language, Literature & Society**

A study of the reflexive relationship between language, literature, and other aspects of society, with special reference to the way in which language is appropriated for different purposes by different social groups. Language as a vehicle for literature, scientific discussion, advertising, political propaganda and bureaucracy.

26.331 Music in Society

A systematic guide to how the occasion and purposes of music differ from one society to another and the ways in which music can give us an insight into social and religious ideals, economic organization and technology in specific places and periods of time. Topics include the nature and context of folk music, the background to the special renown of Western concert-hall music and some simple strategies for the organization of sound.

26.351 Gastronomy: a Philosophical Introduction to Food in Society

Graham Pont

Excluded: 26.919 Food in History.

A survey of classical and modern gastronomic thought. Lectures focus on the principal sources of antiquity, Athenaeus and Apicius; the modern literature from Platina to Grimod de la Reyniere, Brillat-Savarin, and their successors; and special attention is paid to the traditions and current developments of Australian gastronomy. Tutorials are devoted to reading and discussion of Brillat-Savarin's *Physiology of Taste*.

26.353 Rationality and Critical Thought

Phillip Staines

Excluded: 26.816 Rationality and Critical Thought.

Not offered in 1987.

The nature of reason: in particular, its scope, place, practice and worth, aiming at an understanding of reason and a competence in its evaluation. Reflecting the pervasiveness of reason, introduction and methodology, decision theory, theory of language, psychology and the general theory of knowledge. Rational conduct and rational belief: what it is rational to do and what it is rational to believe.

Topics: **1. Rational conduct:** the relation between reason and emotion; the rationality of goals, ends, wants, plans of life, etc; limitations of the rationality of decisions. **2. Rational belief:** the relation between argument and belief; formal logic; the nature of critical enquiry; fallacies; rhetoric, propaganda and brainwashing; the relation between rational belief and faith; the relation between language and thought; scepticism.

26.354 Communication and Uses of Language

Phillip Staines

Excluded: 26.811 Communication and Uses of Language.

Not offered in 1987.

It is widely held that the human use of signs, especially the natural languages, is what most sharply distinguishes us from other animals. The nature and function of signs and symbols both in humans and other species — a field known as semiotics. Uses of signs, especially in communication. Linguistic behaviour is contrasted with other forms of purposive behaviour. Topics include: theories of language and sign acquisition, the nature of body language, paralanguage, kinesics and proxemics; the conventionality of language; the nature of meaning; the means and meaning of expression; alternative systems of communication; the necessary skills and abilities of sign users.

26.355 Philosophy of Music

Graham Pont

Excluded: 26.815 Philosophy of Music.

All prospective students must contact lecturer in charge before enrolment into this subject.

What Western philosophers have said about music, its origins, nature, function, purpose, meaning and value. Special attention to classical Greek philosophy: the prehistory of Pythagorean ideas, the writings of Plato, Aristotle, Aristoxenus and Aristides Quintilianus. The influence of Greek and Roman musical thought during the Renaissance and the Enlightenment. Tutorials include preparation for students' individual research projects, the main form of assessment for the course.

26.356 Popular Culture

Jan Bruck

Excluded: 26.722 Popular Culture.

Contemporary forms of popular/mass culture and their historical evolution: popular literature, crime, fiction in film and TV, advertising, popular music, sport and other leisure activities, as experienced in the Australian context. Some major theoretical perspectives on popular culture and its relationship to mass media technologies. Clarification of fundamental terms and concepts applied to the analysis of culture and the media (eg high/popular culture, folk/mass culture, culture industry).

Graduate Study

1920

Doctor of Philosophy

PhD

The degree of Doctor of Philosophy may be undertaken through the Department of General Studies. Candidates who hold appropriate qualifications may submit their proposed area of research to Professor R. Hall, Head of the Department. Acceptance is determined on the basis of suitable qualifications and availability of appropriate supervision.

2430/9100

Master of General Studies

MGenStud

The Board of Studies in General Education offers for suitably qualified graduates a program of advanced studies leading to the degree of Master of General Studies. This degree is designed for graduates in an appropriate discipline in which a general studies component or its equivalent has been included, who wish to pursue advanced studies primarily of an interdisciplinary nature. The conditions for the award of this degree are set out later in this handbook.

Course Requirements

The degree of Master of General Studies is attainable by research and thesis (2430) or by course work (9100). The course work option is available on a part-time basis only. The research program may be undertaken on a full-time, part-time or external basis. Normally, the degree is completed over four sessions by part-time students and two sessions by full-time students.

Students choosing the course work option are required to complete six session-length subjects. Four of these are core subjects and the remaining two may be chosen from a list of electives. All electives are not necessarily available in any one year.

With the approval of the Higher Degree Committee, a candidate may substitute a research project for the two elective subjects.

Note: The course work program (9100) will not be offered in 1987.

Core Subjects

- 26.101G Theories of Communication
- 26.102G Sociology of Media
- 26.103G Media in Practice
- 26.104G Structuralism, Post-structuralism and Semiotics

Electives

- 26.105G Technology and Mass Communication
- 26.106G Narrative Theory and Text Analysis
- 26.107G Popular Culture
- 26.108G Film Theory
- 26.109G Project

Graduate Study

Subject Descriptions

Identification of Subjects by Number

A subject is defined by the Professorial Board as 'a unit of instruction approved by the University as being a discrete part of the requirements for a course offered by the University'.

Each approved subject of the University is identifiable both by number and by name as this is a check against nomination of subject other than the one intended.

Subject numbers are allocated by the Registrar and the system of allocation is based on the following guidelines:

1. The authority offering the subject, normally a School of the University, is indicated by the number before the decimal point.
2. Each subject number is unique and is not used for more than one subject title.
3. Subject numbers which have previously been used are not used for new subject titles.
4. Graduate subjects are indicated by a suffix 'G' to a number with three digits after the decimal point. In other subjects three or four digits are used after the decimal point.

Subjects taught are listed in full in the handbook of the faculty or board of studies responsible for the particular course within which the subjects are taken. Subject descriptions are contained in the appropriate section of the handbooks.

The identifying numerical prefixes for each subject authority are set out below.

Servicing Subjects are those taught by a school or department outside its own faculty. Their subject descriptions are published in the handbook of the faculty which originates the subject and also in the handbook of the faculty in which the subject is taught.

School, Department etc	Faculty
1 School of Physics	Science
2 School of Chemistry	Science
4 School of Materials Science and Engineering	Applied Science
5 School of Mechanical and Industrial Engineering	Engineering
6 School of Electrical Engineering and Computer Science	Engineering
7 School of Mines (Mineral Processing and Extractive Metallurgy and Mining Engineering)	Applied Science
8 School of Civil Engineering	Engineering
9 School of Fibre Science and Technology (Wool Science)	Applied Science
10 School of Mathematics	Science
11 School of Architecture	Architecture
12 School of Psychology	Biological Sciences
13 School of Fibre Science and Technology (Textile Technology)	Applied Science
14 School of Accountancy	Commerce
15 School of Economics	Commerce
16 School of Health Administration	Professional Studies
17 Biological Sciences	Biological Sciences
18 School of Mechanical and Industrial Engineering (Industrial Engineering)	Engineering
21 Department of Industrial Arts	Architecture
23 School of Nuclear Engineering	Engineering
25 School of Mines (Applied Geology)	Applied Science
26 Department of General Studies	Board of Studies in General Education
27 School of Geography	Applied Science
28 School of Marketing	Commerce
29 School of Surveying	Engineering
30 Organizational Behaviour	Commerce
31 School of Optometry	Science
32 Centre for Biomedical Engineering	Engineering
35 School of Building	Architecture
36 School of Town Planning	Architecture
37 School of Landscape Architecture	Architecture
38 School of Biological Technologies (Food Science)	Applied Science
39 Graduate School of the Built Environment	Architecture
40 Professorial Board	
41 School of Biochemistry	Biological Sciences

School, Department etc	Faculty
42 School of Biological Technologies (Biotechnology)	Applied Sciences
43 School of Botany	Biological Sciences
44 School of Microbiology	Biological Sciences
45 School of Zoology	Biological Sciences
46 Faculty of Applied Science	Applied Science
47 Faculty of Engineering (Safety Science)	Engineering
48 School of Chemical Engineering and Industrial Chemistry	Applied Science
50 School of English	Arts
51 School of History	Arts
52 School of Philosophy	Arts
53 School of Sociology	Arts
54 School of Political Science	Arts
55 School of Librarianship	Professional Studies
56 School of French	Arts
57 School of Theatre Studies	Arts
58 School of Education	Professional Studies
59 Department of Russian	Arts
60 Faculty of Arts	Arts
61 Department of Music	Arts
62 School of History and Philosophy of Science	Arts
63 School of Social Work	Professional Studies
64 School of German Studies	Arts
65 School of Spanish and Latin American Studies	Arts
66 Subjects Available from Other Universities	
67 Faculty of Science	Science
68 Board of Studies in Science and Mathematics	Board of Studies in Science and Mathematics
70 School of Anatomy	Medicine
71 School of Medicine	Medicine
72 School of Pathology	Medicine
73 School of Physiology and Pharmacology	Medicine
74 School of Surgery	Medicine
75 School of Obstetrics and Gynaecology	Medicine
76 School of Paediatrics	Medicine
77 School of Psychiatry	Medicine
78 School of Medical Education	Medicine
79 School of Community Medicine	Medicine
80 Faculty of Medicine	Medicine
81 Medicine/Science/Biological Sciences	Medicine
85 Australian Graduate School of Management	AGSM
90 Faculty of Law	Law

Board of Studies in General Education

Note: None of the following subjects will be offered in 1987.

26.101G Theories of Communication

The history of communication theory in its relevant stages including linguistic models, empirical communication research, discourse analysis and critical theory (ie the Frankfurt School and Walter Benjamin). Discussion of definitions, methodologies and the rationale of media studies.

26.102G Sociology of the Media

The role and functioning of the mass media in society with particular reference to Australia. *Topics include:* the political economy of the mass media; ideology and bias; ownership and control; the functions of advertising; the presentation of news, politics, unions, deviance, sport and sex-roles on television, radio and in the print media; media imperialism and the effects of the mass media.

26.103G Media in Practice

The media in their everyday context. The problems and challenges experienced by media professionals (editors, journalists, producers, film-makers etc). The theory and practice of interviewing and aspects of audience reception. The potential of alternative media.

26.104G Structuralism, Post-structuralism and Semiotics

Major theoretical developments in structuralism and post-structuralism with particular reference to media studies. *Topics include:* structuralism and the analysis of culture; historical development of structuralism; Levi-Strauss, Saussure; the theories of Althusser and Poulantzas and their critics; Barthes; the development of semiotics and semiotic analysis; post-structuralism with particular reference to Foucault, Baudrillard and Derrida.

26.105G Technology and Mass Communication

The history and recent development of communication technology from print to electronic media (including video, cable TV, satellite, computer and word-processor). The role of technology in the production and dissemination of information, and its social and political implications.

26.106G Narrative Theory and Text Analysis

Analysis of specific media texts, both fictional and documentary, in newspapers, magazines, film, radio and television, with the aid of structuralist and semiotic narrative theory.

26.107G Popular Culture

Recent theories of mass-culture. The high culture/popular culture debate. Analysis of major phenomena and directions in contemporary popular culture, ie television, rock music, sport, popular literature, etc.

26.108G Film Theory

Direction, issues and problems in contemporary film theory, including the nature of film theory, the apparatus and the spectator, narrative forms and reflexivity, film and reality, the social and political role of film, feminist perspectives, comparison of the film and TV media.

26.109G Project

The project topic is chosen in consultation with the supervisor and submitted for approval early in the second year of the course and the report submitted by the end of that year. The topic chosen must be related to material dealt with in the course work component of the degree.

Graduate Study

Conditions for the Award of Higher Degrees

Rules, regulations and conditions for the award of first degrees are set out in the appropriate Faculty Handbooks.

For the list of undergraduate courses and degrees offered see *Disciplines of the University: Faculty (Undergraduate Study)* in the Calendar.

The following is the list of higher degrees and graduate diplomas of the University, together with the publication in which the conditions for the award appear.

For the list of graduate degrees by research and course work, arranged in faculty order, see *Disciplines of the University: Table of Courses (by faculty): Graduate Study* in the Calendar.

For the statements *Preparation and Submission of Project Reports and Theses for Higher Degrees and Policy with respect to the Use of Higher Degree Theses* see the Calendar.

First Degrees

Higher Degrees

Title	Abbreviation	Calendar/Handbook
Doctor of Science	DSc	Calendar
Doctor of Letters	DLitt	Calendar
Doctor of Laws	LLD	Calendar
Doctor of Medicine	MD	Calendar Medicine
Doctor of Philosophy	PhD	Calendar and all handbooks
Master of Applied Science	MAppSc	Applied Science
Master of Architectural Design	MArchDes	Architecture
Master of Architecture	MArch	Architecture
Master of Archives Administration	MArchivAdmin	Professional Studies
Master of Arts	MA	Arts Military Studies

Higher Degrees

	Title	Abbreviation	Calendar/Handbook
Higher Degrees (continued)	Master of Biomedical Engineering	MBiomedE	Engineering
	Master of Building	MBuild	Architecture
	Master of the Built Environment	MBEnv	Architecture
	Master of the Built Environment (Building Conservation)		
	Master of Business Administration	MBA	AGSM
	Master of Chemistry	MChem	Sciences*
	Master of Commerce (Honours)	MCom(Hons)	Commerce
	Master of Commerce	MCom	Commerce
	Master of Education	MEd	Professional Studies
	Master of Educational Administration	MEdAdmin	Professional Studies
	Master of Engineering	ME	Applied Science
	Master of Engineering <i>without supervision</i>		Engineering Military Studies
	Master of Engineering Science	MEngSc	Engineering Military Studies
	Master of Environmental Studies	MEnvStudies	Applied Science
	Master of General Studies	MGenStud	General Studies
	Master of Health Administration	MHA	Professional Studies
	Master of Health Personnel Education	MHPed	Medicine
	Master of Health Planning	MHP	Professional Studies
	Master of Industrial Design	MID	Architecture
	Master of Landscape Architecture	MLArch	Architecture
	Master of Laws	LLM	Law
	Master of Librarianship	MLib	Professional Studies
	Master of Mathematics	MMath	Sciences*
	Master of Music	MA	Arts
	Master of Nursing Administration	MNA	Professional Studies
	Master of Optometry	MOptom	Sciences*
	Master of Paediatrics	MPaed	Medicine
	Master of Physics	MPhysics	Sciences*
	Master of Psychology	MPsychol	Sciences§
	Master of Safety Science	MSafetySc	Engineering
	Master of Science	MSc	Applied Science
	Master of Science <i>without supervision</i>		Architecture Engineering Medicine Military Studies Sciences*§
	Master of Science (Acoustics)	MSc(Acoustics)	Architecture
	Master of Science (Biotechnology)	MSc(Biotech)	Sciences§
	Master of Science (Building)	MSc(Building)	Architecture
	Master of Science (Industrial Design)	MSc(IndDes)	Architecture
	Master of Science (Psychology)	MSc(Psychol)	Sciences§
	Master of Science and Society	MScSoc	Sciences*

Title	Abbreviation	Calendar/Handbook
Master of Social Work	MSW	Professional Studies
Master of Statistics	MStats	Sciences*
Master of Surgery	MS	Medicine
Master of Surveying	MSurv	Engineering
Master of Surveying <i>without supervision</i>		
Master of Surveying Science	MSurvSc	Engineering
Master of Town Planning	MTP	Architecture
Master of Welfare Policy	MWP	Professional Studies

Graduate Diploma	GradDip	Applied Science Architecture Engineering Sciences*§
	DipPaed	Medicine
	DipEd	Professional Studies
	DipIM-ArchivAdmin	
	DipIM-Lib	
	DipFDA	Sciences*

*Faculty of Science.

§Faculty of Biological Sciences.

Graduate Diplomas

1. The degree of Doctor of Philosophy may be awarded by the Council on the recommendation of the Higher Degree Committee of the appropriate faculty or board (hereinafter referred to as the Committee) to a candidate who has made an original and significant contribution to knowledge.

2. (1) A candidate for the degree shall have been awarded an appropriate degree of Bachelor with Honours from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Committee.

(2) In exceptional cases an applicant who submits evidence of such other academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the degree.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment as a candidate for the degree.

3. (1) An application to enrol as a candidate for the degree shall be made on the prescribed form which shall be lodged with the Registrar at least one calendar month before the commencement of the session in which enrolment is to begin.

(2) In every case, before permitting a candidate to enrol, the head of the school* in which the candidate intends to enrol shall be satisfied that adequate supervision and facilities are available.

(3) An approved candidate shall be enrolled in one of the following categories:

- (a) full-time attendance at the University;
- (b) part-time attendance at the University.

*Or department where a department is not within a school.

Higher Degrees

Doctor of Philosophy (PhD)

Qualifications

Registration

- (4) A full-time candidate shall be fully engaged in advanced study and research except that the candidate may undertake not more than five hours per week or a total of 240 hours per year on work which is not related to the advanced study and research.
- (5) Before permitting a part-time candidate to enrol, the Committee shall be satisfied that the candidate can devote at least 20 hours each week to advanced study and research for the degree which (subject to (8)) shall include regular attendance at the school* on an average of at least one day per week for 48 weeks each year.
- (6) A candidate shall be required to undertake an original investigation on an approved topic. The candidate may also be required to undergo such assessment and perform such other work as may be prescribed by the Committee.
- (7) The work shall be carried out under the direction of a supervisor appointed from the full-time academic members of the University staff.
- (8) The work, other than field work, shall be carried out in a school* of the University except that the committee:
 - (a) may permit a candidate to spend not more than one calendar year of the program in advanced study and research at another institution provided the work can be supervised in a manner satisfactory to the Committee;
 - (b) may permit a candidate to conduct the work at other places where special facilities not possessed by the University may be available provided the direction of the work remains wholly under the control of the supervisor;
 - (c) may permit a full-time candidate, who has been enrolled as a full-time candidate for at least six academic sessions, who has completed the research work and who is writing the thesis, to transfer to part-time candidature provided the candidate devotes at least 20 hours each week to work for the degree and maintains adequate contact with the supervisor.
- (9) The progress of a candidate shall be reviewed annually by the Committee following a report by the candidate, the supervisor and the head of the school* in which the candidate is enrolled and as a result of such review the Committee may cancel enrolment or take such other action as it considers appropriate.
- (10) No candidate shall be awarded the degree until the lapse of six academic sessions from the date of enrolment in the case of a full-time candidate or eight academic sessions in the case of a part-time candidate. In the case of a candidate who has had previous research experience the committee may approve remission of up to two sessions for a full-time candidate and four sessions for a part-time candidate.
- (11) A full-time candidate for the degree shall present for examination not later than ten academic sessions from the date of enrolment. A part-time candidate for the degree shall present for examination not later than twelve academic sessions from the date of enrolment. In special cases an extension of these times may be granted by the Committee.

Thesis

4. (1) On completing the program of study a candidate shall submit a thesis embodying the results of the investigation.
- (2) The candidate shall give in writing to the Registrar two months notice of intention to submit the thesis.
- (3) The thesis shall comply with the following requirements:
 - (a) it must be an original and significant contribution to knowledge of the subject;
 - (b) the greater proportion of the work described must have been completed subsequent to enrolment for the degree;
 - (c) it must be written in English except that a candidate in the Faculty of Arts may be required by the Committee to write a thesis in an appropriate foreign language;
 - (d) it must reach a satisfactory standard of expression and presentation;
 - (e) it must consist of an account of the candidate's own research but in special cases work done conjointly with other persons may be accepted provided the Committee is satisfied about the extent of the candidate's part in the joint research.
- (4) The candidate may not submit as the main content of the thesis any work or material which has previously been submitted for a university degree or other similar award but may submit any work previously published whether or not such work is related to the thesis.
- (5) Four copies of the thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of theses for higher degrees.

(6) It shall be understood that the University retains the four copies of the thesis submitted for examination and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968, the University may issue the thesis in whole or in part, in photostat or microfilm or other copying medium.

5. (1) There shall be not fewer than three examiners of the thesis, appointed by the Professorial Board on the recommendation of the Committee, at least two of whom shall be external to the University.

(2) At the conclusion of the examination each examiner shall submit to the Committee a concise report on the thesis and shall recommend to the Committee that:

- (a) the candidate be awarded the degree without further examination; or
 - (b) the candidate be awarded the degree without further examination subject to minor corrections as listed being made to the satisfaction of the head of the school;* or
 - (c) the candidate be awarded the degree subject to a further examination on questions posed in the report, performance in this further examination being to the satisfaction of the Committee; or
 - (d) the candidate be not awarded the degree but be permitted to resubmit the thesis in a revised form after a further period of study and/or research; or
 - (e) the candidate be not awarded the degree and be not permitted to resubmit the thesis.
- (3) If the performance at the further examination recommended under (2)(c) above is not to the satisfaction of the Committee, the Committee may permit the candidate to re-present the same thesis and submit to further examination as determined by the Committee within a period specified by it but not exceeding eighteen months.
- (4) The Committee shall, after consideration of the examiners' reports and the results of any further examination, recommend whether or not the candidate may be awarded the degree. If it is decided that the candidate be not awarded the degree the Committee shall determine whether or not the candidate be permitted to resubmit the thesis after a further period of study and/or research.

6. A candidate shall pay such fees as may be determined from time to time by the Council.

Entry for Examination

Fees

1. The degree of Master of General Studies by research may be awarded by the Council on the recommendation of the Higher Degree Committee of the Board of Studies in General Education (hereinafter referred to as the Committee) to a candidate who has demonstrated ability to undertake research by the submission of a thesis embodying the results of an original investigation.

Master of General Studies (MGenStud) by Research

2. (1) A candidate for the degree shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Committee.

Qualifications

(2) In exceptional cases an applicant who submits evidence of such other academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the degree.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

3. (1) An application to enrol as a candidate for the degree shall be made on the prescribed form which shall be lodged with the Registrar at least one calendar month before the commencement of the session in which enrolment is to begin.

Enrolment and Progression

(2) In every case, before permitting a candidate to enrol, the Head of the Department of General Studies (hereinafter referred to as the head of the school) shall be satisfied that adequate supervision and facilities are available.

- (3) An approved candidate shall be enrolled in one of the following categories:
- (a) full-time attendance at the University;
 - (b) part-time attendance at the University;
 - (c) external — not in regular attendance at the University and using research facilities external to the University.
- (4) A candidate shall be required to undertake an original investigation on an approved topic. The candidate may also be required to undergo such assessment and perform such other work as may be prescribed by the Committee.
- (5) The work shall be carried out under the direction of a supervisor appointed from the full-time academic members of the University staff.
- (6) The progress of a candidate shall be reviewed annually by the Committee following a report by the candidate, the supervisor and the head of the school and as a result of such review the Committee may cancel enrolment or take such other action as it considers appropriate.
- (7) No candidate shall be awarded the degree until the lapse of three academic sessions from the date of enrolment in the case of a full-time candidate or four academic sessions in the case of a part-time or external candidate. In the case of a candidate who has been awarded the degree of Bachelor with Honours or who has had previous research experience the Committee may approve remission of up to one session for a full-time candidate and two sessions for a part-time or external candidate.
- (8) A full-time candidate for the degree shall present for examination not later than six academic sessions from the date of enrolment. A part-time or external candidate for the degree shall present for examination not later than ten academic sessions from the date of enrolment. In special cases an extension of these times may be granted by the Committee.

Thesis

4. (1) On completing the program of study a candidate shall submit a thesis embodying the results of the investigation.
- (2) The candidate shall give in writing to the Registrar two months notice of intention to submit the thesis.
- (3) The thesis shall present an account of the candidate's own research. In special cases work done conjointly with other persons may be accepted, provided the Committee is satisfied about the extent of the candidate's part in the joint research.
- (4) The candidate may also submit any work previously published whether or not such work is related to the thesis.
- (5) Three copies of the thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of theses for higher degrees.
- (6) It shall be understood that the University retains the three copies of the thesis submitted for examination and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968, the University may issue the thesis in whole or in part, in photostat or microfilm or other copying medium.

Examination

5. (1) There shall be not fewer than two examiners of the thesis, appointed by the Professorial Board on the recommendation of the Committee, at least one of whom shall be external to the University unless the Committee is satisfied that this is not practicable.
- (2) At the conclusion of the examination each examiner shall submit to the Committee a concise report on the thesis and shall recommend to the Committee that:
- (a) the candidate be awarded the degree without further examination; or
 - (b) the candidate be awarded the degree without further examination subject to minor corrections as listed being made to the satisfaction of the head of the school; or
 - (c) the candidate be awarded the degree subject to a further examination on questions posed in the report, performance in this further examination being to the satisfaction of the Committee; or
 - (d) the candidate be not awarded the degree but be permitted to resubmit the thesis in a revised form after a further period of study and/or research; or
 - (e) the candidate be not awarded the degree and be not permitted to resubmit the thesis.
- (3) If the performance at the further examination recommended under (2)(c) above is not to the

same thesis and submit to further examination as determined by the Committee within a period specified by it but not exceeding eighteen months.

(4) The Committee shall, after consideration of the examiners' reports and the results of any further examination, recommend whether or not the candidate may be awarded the degree. If it is decided that the candidate be not awarded the degree the Committee shall determine whether or not the candidate may resubmit the thesis after a further period of study and/or research.

6. A candidate shall pay such fees as may be determined from time to time by the Council.

Fees

1. The degree of Master of General Studies by formal course work may be awarded by the Council to a candidate who has satisfactorily completed a program of advanced study.

**Master of General
Studies (MGenStud) by
Formal Course Work**

2. (1) A candidate for the degree shall have been awarded an appropriate degree of Bachelor from the University of New South Wales or a qualification considered equivalent from another university or tertiary institution at a level acceptable to the Higher Degree Committee of the Board of Studies in General Education (hereinafter referred to as the Committee).

Qualifications

(2) In exceptional cases an applicant who submits evidence of such other academic and professional qualifications as may be approved by the Committee may be permitted to enrol for the degree.

(3) If the Committee is not satisfied with the qualifications submitted by an applicant the Committee may require the applicant to undergo such assessment or carry out such work as the Committee may prescribe, before permitting enrolment.

3. (1) An application to enrol as a candidate for the degree shall be made on the prescribed form which shall be lodged with the Registrar two calendar months before the commencement of the session in which enrolment is to begin.

**Enrolment and
Progression**

(2) A candidate for the degree shall be required to undertake such formal subjects and pass such assessment as prescribed.

(3) The progress of a candidate shall be reviewed at least once annually by the Committee and as a result of its review the Committee may cancel enrolment or take such other action as it considers appropriate.

(4) No candidate shall be awarded the degree until the lapse of two academic sessions from the date of enrolment in the case of a full-time candidate or four sessions in the case of a part-time candidate. The maximum period of candidature shall be four academic sessions from the date of enrolment for a full-time candidate and eight sessions for a part-time candidate. In special cases an extension of these times may be granted by the Committee.

4. (1) The program of advanced study may include a project on an approved topic.

Project Report

(2) The work shall be carried out under the direction of a supervisor appointed from the full-time academic members of the University staff.

(3) The candidate shall give in writing to the Registrar two months notice of intention to submit a report on the project.

(4) Three copies of the project report shall be presented in a form which complies with the requirements of the University for the preparation and submission of project reports for higher degrees.

(5) It shall be understood that the University retains the three copies of the project report submitted for examination and is free to allow the project report to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968, the University may issue the project report in whole or in part, in microfilm or other copying medium.

5. (1) There shall be not fewer than two examiners of the project report, appointed by the Professorial Board on the recommendation of the Committee.

Examination

(2) At the conclusion of the examination each examiner shall submit to the Committee a concise report on the project report and shall recommend to the Committee that:

- (a) the project report be noted as satisfactory; or
 - (b) the project report be noted as satisfactory subject to minor corrections being made to the satisfaction of the Head of the Department of General Studies; or
 - (c) the project report be noted as unsatisfactory but that the candidate be permitted to resubmit it in a revised form after a further period of study and/or research; or
 - (d) the project report be noted as unsatisfactory and that the candidate be not permitted to resubmit it.
- (3) The Committee shall, after considering the examiners' reports and the candidate's results of assessment in the prescribed formal subjects, recommend whether or not the candidate may be awarded the degree. If it is decided that the project report is unsatisfactory the Committee shall determine whether or not the candidate may resubmit it after a further period of study and/or research.

Fees **6.** A candidate shall pay such fees as may be determined from time to time by the Council.

Staff

Comprises Department of General Studies.

Chairman

Professor R. F. Hall

Administrative Officer

Robert Christopher Morrell, BA Syd.

Department of General Studies

Professor and Head of Department of General Studies

Ralph Frederick Hall, MA PhD Syd.

Senior Lecturers

Jan Heinrich Bruck, MA Calif., PhD Erlangen

Helen Ronnie Harding, BA Syd., BSc PhD N.S.W.

Kenneth Graham Pont, BA Syd., PhD A.N.U.

Joan Margaret Ritchie, MA Melb., MEd Syd.

Student's Timetable

Time	Monday		Tuesday		Wednesday		Thursday		Friday	
	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2
9-10										
10-11										
11-12										
12-1										
1-2										
2-3										
3-4										
4-5										
5-6										
6-7										
7-8										
8-9										

The University of New South Wales Kensington Campus 1987

Theatres

Biomedical Theatres E27
 Central Lecture Block E19
 Classroom Block (Western Grounds) H3
 Rex Vowles Theatre F17
 Keith Burrows Theatre J14
 Main Building Theatre K14
 Mathews Theatres D23
 Parade Theatre E3
 Science Theatre F13
 Sir John Clancy Auditorium C24

Buildings

Affiliated Residential Colleges
New (Anglican) L6
Shalom (Jewish) N9
Warrane M7
 Applied Science F10
 Architecture H14
 Arts (Morven Brown) C20
 Banks F22
 Barker Street Gatehouse N11
 Basser College C18
 Biological Sciences D26
 Central Store B13
 Chancellery C22
 Chemistry
 Dalton F12
 Robert Heffron E12
 Civil Engineering H20
 Commerce (John Goodsell) F20
 Dalton (Chemistry) F12
 Electrical Engineering G17
 Geography and Surveying K17
 Goldstein College D16
 Golf House A27
 Gymnasium B5
 House at Pooh Corner N8
 International House C6
 Jo Myers Studio D9
 John Goodsell (Commerce) F20
 Kanga's House O14
 Kensington Colleges C17 (Office)
 Basser C18
 Goldstein D16
 Philip Baxter D14
 Main Building K15

Maintenance Workshop B13
 Mathews F23
 Mechanical and
 Industrial Engineering J17
 Medicine (Administration) B27
 Menzies Library E21
 Metallurgy E8
 Morven Brown (Arts) C20
 New College (Anglican) L6
 Newton J12
 NIDA D2
 Parking Station H25
 Philip Baxter College D14
 Robert Heffron (Chemistry) E12
 Sam Cracknell Pavilion H8
 Shalom College (Jewish) N9
 Sir Robert Webster
 (Textile Technology) G14
 Squash Courts B7
 Swimming Pool B4
 Unisearch House L5
 University Regiment J2
 University Union
 (Roundhouse) — Stage I E6
 University Union
 (Blockhouse) — Stage II G6
 University Union
 (Squarehouse) — Stage III E4
 Wallace Wirth School of Medicine C27
 Warrane College M7
 Wool and Pastoral Sciences B8

General

Academic Staff Office C22
 Accountancy F20
 Admissions C22
 Adviser for Prospective Students F15
 Alumni and Ceremonials C22
 Anatomy C27
 Applied Geology F10
 Applied Science (Faculty Office) F10
 Architecture
 (including Faculty Office) H14
 Arts (Faculty Office) C20
 Audio Visual Unit F20
 Australian Graduate
 School of Management G27
 Biochemistry D26
 Biological Sciences (Faculty Office) D26

Biomedical Library F23
 Biotechnology D26
 Bookshop G17
 Botany D26
 Building H14
 Careers and Employment F15
 Cashier's Office C22
 Centre for Biomedical Engineering A28
 Centre for Medical Education
 Research and Development C27
 Centre for Remote Sensing K17
 Chaplains E15a
 Chemical Engineering and
 Industrial Chemistry F10
 Chemistry E12
 Child Care Centres N8, O14
 Civil Engineering H20
 Commerce (Faculty Office) F20
 Committee in Postgraduate Medical
 Education B27
 Community Medicine D26
 Computing Services Unit F21
 Continuing Education Support Unit F23
 Economics F20
 Education G2
 Education Testing Centre E15d
 Electrical Engineering and
 Computer Science G17
 Energy Research, Development and
 Information Centre B8b
 Engineering (Faculty Office) K17
 English C20
 Examinations C22
 Fees Office C22
 Food Science and Technology F10
 French C20
 General Staff Office C22
 General Studies C20
 Geography K17
 German Studies C20
 Graduate School of the Built
 Environment H14
 Health Administration C22
 History C20
 History and Philosophy of Science C20
 Industrial Arts H14
 Industrial Engineering J17
 Institute of Rural Technology B8b
 Japanese Economic Management
 Studies Centre G14
 Kanga's House O14

Kindergarten (House at Pooh Corner) N8
 Landscape Architecture K15
 Law (Faculty Office) F21
 Law Library F21
 Librarianship F23
 Library E21
 Lost Property F20
 Marketing F20
 Mathematics F23
 Mechanical Engineering J17
 Medicine (Faculty Office) B27
 Metallurgy E8
 Microbiology D26
 Mining Engineering K15
 Music B11b
 National Institute of Dramatic Art D2
 Nuclear Engineering J17
 Off-campus Housing C22
 Optometry J12
 Organizational Behaviour F20
 Pathology C27
 Patrol and Cleaning Services F20
 Philosophy C20
 Physics K15
 Physical Education and
 Recreation Centre (PERC) B5
 Physiology and Pharmacology C27
 Political Science C20
 Psychology F23
 Public Affairs Unit C22
 Regional Teacher Training Centre C27
 Russian C20
 Science and Mathematics Course
 Office F23
 Social Work G2
 Sociology C20
 Spanish and Latin American Studies C20
 Sport and Recreation E4
 Student Counselling and Research F15
 Student Health F15
 Student Records C22
 Students' Union E4 and C21
 Surveying K17
 Tertiary Education Research Centre E15d
 Textile Technology G14
 Theatre Studies B10
 Town Planning K15
 University Archives C22
 University Press A28
 University Union (Blockhouse) G6
 Wool and Pastoral Sciences B8a
 Zoology D26

