Victoria
University of Wellington
New Zealand

Supplement to 1975 Calendar

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B.B.Sc.

Course Regulations for the Degree of Bachelor of Building Science

GENERAL REGULATIONS

1. Every candidate for the Degree of Bachelor of Building Science shall be matriculated and shall follow a course of study for not less than three years, keeping terms and passing the appropriate examinations.

2. The personal course of study of every candidate shall require the approval of the Professorial Board.

3. (i) Subject to Regulations 11 and 12 of these regulations, the personal course of study of every candidate shall consist of courses selected from Schedules One and Two to these regulations having a total credit value of 108 credits.

(ii) The course of study for the degree shall be taken in two stages, comprising

(a) The Intermediate Course, and

(b) The Building Science Course.

4. No candidate shall be enrolled for or be credited with more than 48 credits in any one year.

5. The Intermediate Course may be taken at any New Zealand University.

6. The Intermediate Course shall comprise 42 credits in the courses contained in Schedule One to these Regulations, or approved equivalents of those courses.

Provided that a candidate enrolling for the degree in the year 1975 shall be deemed to have met the requirements of the Intermediate Course if he has been credited with a pass in the Intermediate Examination as prescribed for the Degree of Bachelor of Architecture in the Degree Course Regulations of the University of Auckland. (The University of Auckland 1974 Calendar, p.401.)

7. The Building Science Course shall normally comprise a two-year course of full-time study and shall consist of 66 credits from courses contained in Schedule Two to these regulations.

8. The Building Science Course shall in general be taken in two parts, designated Part A and Part B in Schedule Two.

CONTENTS

any candidate from such course requirements of the regulations for the Degree of Bachelor of Building Science as it may specify, where

(i) The candidate has in the opinion of the Dean passed the examination for the New Zealand Certificate in Draughting (Architecture) with merit, and has qualified for the award of that certificate, or

(ii) The candidate has qualified for admission to the Degree of Bachelor of Engineering or to the Degree of Bachelor of Science,

and in the opinion of the Professorial Board is suitably qualified to be granted any such exemption.

PREREQUISITES AND RESTRICTIONS

13. Notwithstanding anything contained in these regulations or the Examination Regulations, no candidate for the degree shall be granted dispensation from courses having a total credit value exceeding 48 credits.

14. (i) The course of study of every candidate shall comply with the prerequisites, corequisites and restrictions specified in Schedules One and Two to these regulations, so that:

(a) A pass in a prerequisite for a course is necessary before a candidate may be enrolled for that course.

(b) Either a pass or concurrent enrolment in any corequisite for a course is necessary before a candidate may be enrolled for that course.

(c) A pass in a restricted course and a pass in the course to which the restriction applies shall not both be credited to a course of study under these regulations.

(ii) Notwithstanding anything contained in these regulations the Dean may grant dispensation from any prerequisite or corequisite to a candidate who in his opinion is qualified to enrol for the proposed course.

(iii) Where a candidate passes a course in respect of which he has been granted dispensation from any prerequisite or corequisite course, that dispensation shall not be effective for any other purpose or purposes.

(iv) A candidate enrolled for courses prescribed in courses of study for degrees other than the Degree of Bachelor of Building Science shall comply with the restrictions and prerequisites or corequisites as may be specified in the regulations of the degree to which the course relates.

9. Except as otherwise provided in these regulations, a pass in the Intermediate Course shall be a prerequisite to enrolment for the Building Science Course.

10. A candidate for the degree shall not qualify for a pass in any course unless he has, to the satisfaction of the Dean, completed such practical work as may from time to time be prescribed.

NOTE: Practical work in this regulation means work carried out in time-tabled class hours in a laboratory, workshop or drawing office. With the permission of the Professorial Board this may be replaced or supplemented by field work and excursions.

CROSS CREDITS AND EXEMPTIONS

11. (i) A candidate may, at the discretion of the Professorial Board, be enrolled for the Building Science Course without being required to complete the Intermediate Course where the candidate has:

(a) In the opinion of the Professorial Board attained a high mark in the University Entrance Scholarships Examination and has excelled in Mathematics (or Applied Mathematics) and Physics, or

(b) Qualified for admission to a degree at any New Zealand University, or

(c) Been admitted to or awarded a diploma at any New Zealand University and is recommended for exemption under this regulation by the Dean, or

(d) In the opinion of the Dean passed with merit the written and practical examinations including Mathematics III and IV for any of the following certificates, namely

New Zealand Certificate in Building
New Zealand Certificate in Draughting (Architecture)
New Zealand Certificate in Engineering (Civil Option)
New Zealand Certificate in Quantity Surveying

(ii) A candidate may, at the discretion of the Dean, substitute any course for the degree with any other approved course or courses from Schedule One where the Dean is of the opinion that the candidate's knowledge or experience renders any such substitution desirable.

12. The Professorial Board may, in its discretion, exempt

ARCH	171	*Contemporary Architecture*	6		
ARCH	172	*Contemporary Architecture*	6	ARCH 171	
BIOL	131*	*Environmental Biology*	6		
BOTY	101	*Intro. to Cellular Biology*	12		
BUAD	111*	*The Business System*	6		
BUAD	112*	*Intro. to Business Admin.*	6		POLS 131
CART	101	*Cartography*	12		
CHEM	101	*Intro. to Chemistry*	12		
ECON	101*	*Economics I*	12		
ECON	112	*Q.A. Stats.*	6		MATH 102, 191, 231 POLS 121
GEOG	101	*Introductory Geography*	12		GEOG 111
GEOG	111	*General Geography*	12		GEOG 101
GEOL	131*	*Environmental Geology*	6		
MATH	102	*Statistics and Computing*	6		MATH 121, 191 ECON 112, POLS 121
MATH	122	*Applied Mathematics*	6		MATH 101, 121
PHIL	101*	*Intro. to Philosophy*	9		
PHIL	102*	*Elementary Logic*	3		
PSYC	101	*Introductory Psychology*	12		PSYC 111
PSYC	111	*Psychology I (Sci.)*	12		PSYC 101
SOSC	101	*Introduction to Sociology*	12		

NOTE: The courses marked with an asterisk (*) are recommended as more suitable Intermediate courses.

SCHEDULE ONE TO THE REGULATIONS FOR THE DEGREE OF BACHELOR OF BUILDING SCIENCE

INTERMEDIATE COURSE

During the Intermediate Course candidates must obtain 42 credits, and are required to take:

COURSE	SHORT TITLE	CREDITS	PREREQUISITES	COREQUISITES	RESTRICTIONS
(a) 12 Credits from:					
MATH 102*	*Statistics and Computing*	6			MATH 121, 191 ECON 112, POLS 121
MATH 111	*Pure Mathematics A*	12			MATH 101, 112, 191 ECON 111
MATH 112	*Pure Mathematics B*	12			MATH 101, 111, 191 ECON 111
MATH 122*	*Applied Mathematics*	6			MATH 101, 121
(b) 12 Credits from:					
PHYS 101	*Principles of Physics*	12			
PHYS 111*	*Physics I*	12			
(c) 18 Credits from:					
ANTH 101	*Anthropology: Aims and Scope*	6		One of: ANTH 102, 103, 104, 111	
ANTH 102	*Society and Culture*	6		ANTH 101	

B.ARCH

Course Regulations for the Degree of Bachelor of Architecture

These Regulations shall be read in conjunction with the Course Regulations for the Degree of Bachelor of Building Science.

GENERAL REGULATIONS

1. Every candidate for the Degree of Bachelor of Architecture shall:

(i) Have qualified for admission to the Degree of Bachelor of Building Science, or

(ii) Have completed at any other University a course of study which, in the opinion of the Professorial Board, is equivalent to the course of study for the Degree of Bachelor of Building Science.

2. The personal course of study of every candidate shall require the approval of the Professorial Board.

3. The course of study for the Degree of Bachelor of Architecture shall normally constitute a two-year course of study and shall comprise 72 credits in courses specified in Schedule Three, and shall also include a research paper in one of the courses specified in that schedule.

4. No candidate shall be enrolled for or be credited with more than 48 credits in any one year.

5. A candidate for the degree shall keep terms and shall not qualify for a pass in any course unless he has, to the satisfaction of the Dean, completed such practical work as may from time to time be prescribed.

NOTE: Practical work in this regulation means work carried out in time-tabled class hours in a laboratory, workshop or drawing office. With the permission of the Professorial Board this may be replaced or supplemented by field work and excursions.

EXEMPTIONS

6. Notwithstanding anything contained in Regulation 1 of these regulations a candidate who has completed all but 6 of the credits required in Part B of the Building Science Course may, with the approval of the Dean, be enrolled as a

SCHEDULE TWO TO THE REGULATIONS FOR THE DEGREE OF BACHELOR OF BUILDING SCIENCE

COURSE	SHORT TITLE	CREDITS	PREREQUISITES	COREQUISITES	RESTRICTIONS
PART A	**CORE COURSES —**				
ARCH 101	*Communication*	6			
ARCH 111	*Architecture*	12			
ARCH 131	*Building Science*	6	See Regulation 8		
ARCH 141	*Construction Technology*	6			
ARCH 151	*Structures*	6			
PART B	**CORE COURSES —**				
ARCH 201	*Communication*	3	ARCH 101		
ARCH 211	*Architecture*	6	ARCH 111		
ARCH 231	*Building Science*	3			
ARCH 241	*Construction Technology*	6	ARCH 141		
ARCH 251	*Structures*	6	ARCH 151		
And 12 Credits from —					
ARCH 171	*Contemporary Architecture*	6			
ARCH 172	*Contemporary Architecture*	6	ARCH 171		
ARCH 261	*Building Economics*	6	ARCH 231		

SCHEDULE THREE TO THE REGULATIONS FOR THE DEGREE OF BACHELOR OF ARCHITECTURE

COURSE	SHORT TITLE	CREDITS	PREREQUISITES	COREQUISITES	RESTRICTIONS
Core Courses —					
ARCH 311	*Architectural Design*	6	ARCH 211		
ARCH 312	*Architectural Design*	6	ARCH 311		
ARCH 331	*Services*	3	ARCH 231		
ARCH 341	*Construction Studies*	6	ARCH 241		
ARCH 342	*Construction Studies*	6	ARCH 341		
ARCH 351	*Structural Systems*	3	ARCH 251		
ARCH 361	*Professional Practice*	6			
ARCH 362	*Professional Practice*	6	ARCH 361	ARCH 261	
Elective Courses —					
ARCH 301	*Communication*	3			
ARCH 313	*Architectural Design*†	6	ARCH 312		
ARCH 315	*Urban Design*	6	ARCH 312		
ARCH 316	*Urban Design*†	6	ARCH 315		
ARCH 318*	*Landscape Design*	6	ARCH 312		
ARCH 319*	*Landscape Design*†	6	ARCH 318		

*Courses to be offered at a stage when the School of Architecture reaches full development (i.e 1980/81)

†Courses in which research paper can be submitted

candidate for the Degree of Bachelor of Architecture. Provided that in any such case a candidate shall not be credited with any pass under these regulations until he has qualified for admission to the Degree of Bachelor of Building Science.

NOTE: See the Faculty Prospectus for the policy statement on the application of this provision.

PREREQUISITES AND RESTRICTIONS

7. The course of study of every candidate shall comply with the prerequisites, corequisites and restrictions specified in Schedule Three so that:

(i) A pass in a prerequisite for a course is necessary before a candidate may be enrolled for that course;

(ii) Either a pass or concurrent enrolment in any corequisite for a course is necessary before a candidate may be enrolled for that course;

(iii) A pass in a restricted course and a pass in the course to which the restriction applies shall not both be credited to a course of study under these regulations.

HONOURS

8. (i) The Degree of Bachelor of Architecture may be awarded with Honours to a candidate who, in the opinion of the Dean, has achieved a meritorious standard in his course work for the Degrees of Bachelor of Building Science and Bachelor of Architecture, or in the case of a candidate enrolled under Regulation 1 (ii) of these regulations, has achieved a meritorious standard in the equivalent course of study.

(ii) The following classes of Honours may be awarded: First Class Honours, Second Class Honours (first division) and Second Class Honours (second division).

M.ARCH

Course Regulations for the Degree of Master of Architecture

1. A candidate for the Degree of Master of Architecture shall:

(i) Have qualified for admission to the Degree of Bachelor of Architecture, or

(ii) Have qualified for the award of an architecture diploma and been accepted by the Professorial Board on the recommendation of the Dean as a candidate for the degree, or

(iii) Have qualified for admission to a degree of a New Zealand University and been accepted by the Professorial Board on the recommendation of the Dean as a candidate for the degree.

NOTE: Only candidates recommended by the Dean as having adequate experience and training in Architecture or allied professions, and proposing to carry out work which will be of particular significance to Architectural Research, Teaching, or Practice will be eligible under this provision.

2. A candidate for the degree shall present a thesis consisting of an original investigation and advanced study relative to Architecture prepared under the supervision of a University teacher upon a subject approved by the Dean.

3. Notwithstanding anything contained in Regulation 2, a candidate who is a graduate of more than ten years standing may be required by the Dean to undertake such additional course work as he may prescribe.

4. A candidate for the degree may present his thesis:

(i) Within one year of his enrolment in the case of a full-time student, or

(ii) Within two years of his enrolment in the case of a part-time student.

Provided that a candidate shall present his thesis within three years of enrolling, but this period may at any time in special cases be extended by the Professorial Board on such conditions as it thinks fit.

NOTE: The Faculty issues a list of special requirements for the preparation and presentation of theses.

5. The candidate shall submit his thesis to the Registrar who shall forward it to the Dean.

NOTE: Candidates are referred to the requirements of Regulation 13 of the Examination Regulations.

COURSE	SHORT TITLE	CREDITS	PREREQUISITES	COREQUISITES	RESTRICTIONS
ARCH 321	*Interior Architecture*	6	ARCH 312		
ARCH 322	*Interior Architecture*†	6	ARCH 321		
ARCH 324*	*Industrial Design*	6	ARCH 312		
ARCH 325*	*Industrial Design*†	6	ARCH 324		
ARCH 332	*Services*†	6	ARCH 331		
ARCH 343	*Construction Studies*†	6	ARCH 342		
ARCH 352	*Structural Systems*†	6	ARCH 351		
ARCH 363	*Professional Practice*†	6	ARCH 362		
ARCH 371	*History of Architecture*	6	ARCH 171		
ARCH 372	*History of Architecture*†	6	ARCH 171, ARCH 371		
ARCH 373	*History of Construction*†	6	ARCH 171		
ARCH 381	*Special Topics* (a selection of occasional supplementary courses, not offered on a regular basis)	3			
ARCH 386	*Research Topics*† (a selection of occasional programmes conducted by visiting lecturers and scholars)	6			Restricted to final year
A MAXIMUM OF 12 CREDITS FROM OTHER DEGREE COURSES (including B.B.Sc.)					

*Courses to be offered at a stage when the School of Architecture reaches full development (i.e. 1980/81)
†Courses in which research paper can be submitted

SCHOOL OF ARCHITECTURE

COURSE PRESCRIPTIONS

for the Degree of Bachelor of Building Science.

ARCH 101: Communication **6 Credits**

Principles of technical communication, drawing techniques, instrumental drawing, photography, information management.

The course consists of 6 hours of lectures and practical work per week throughout the year. The majority of the work will be done in the Drawing Office, the Darkroom, or the Library respectively.

The nature of the course requires the setting of weekly assignments most of which will be carried out under tutorial guidance. The course will be examined by these assignments.

ARCH 111: Architecture **12 Credits**

Introduction into Theory of Design, understanding man's needs in regard to objects and spaces, ergonomics, qualitative evaluation of problem situations, buildings as activity systems, perception studies.

The course consists of 8 hours lectures and practical work per week throughout the year. Practical work will be in the field, in the Ergonomics Laboratory and in the Drawing Office.

The nature of the course requires the setting of regular assignments most of which will be carried out under tutorial guidance. The course will be examined by these assignments.

ARCH 131: Building Science **6 Credits**

The chemistry of basic building materials, bonds, interactions, and weathering. Performance failures of building materials and their causes.

The course consists of 6 hours of lectures and laboratory work during the second half of the year. Tutorial classes will be arranged, and assignments will be set, which will form part of the examination.

The course will be examined by one paper.

ARCH 141: Construction Technology **6 Credits**

The building fabric as a whole system; building materials, components, assembly processes; the interdependence of element design and detailing with the component manufacturer and the constructor; qualitative evaluation of available construction options.

The course consists of 4 hours of lectures and tutorials per

6. When the thesis is forwarded to an Assessor the Dean shall supply a certificate from the supervising teacher stating that the thesis is the original work of the candidate carried out under the direct supervision of the teacher and stating the part played by the teacher in the preparation of the thesis.

7. A candidate may be awarded the Degree of Master of Architecture "with distinction" if his work is judged by the examiners to be of sufficient merit.

8. The course of study for the degree may, with the approval of the Professorial Board, be carried out in part at an approved institution outside the University.

assignments. The course will be examined by these assignments.

ARCH 231: Building Science **3 Credits**

Buildings as environmental systems which must meet basic physical and physiological requirements; environmental controls, climatology.

The course consists of 4 hours of lectures and laboratory work per week for half a year. Tutorial classes will be arranged, and assignments and practical work will be set, which will form part of the examination.

The course will be examined by one paper.

ARCH 241: Construction Technology **6 Credits**

Advanced building fabrics as whole systems; characteristics and performance limits of building materials, components, assembly processes, equipment, systematic evaluation of available construction options.

The course consists of 4 hours of lectures and tutorials per week throughout the year, and will be supplemented by practical work. Regular assignments will be set, which will form part of the examination.

The course will be examined by one paper.

ARCH 251: Structures **6 Credits**

Strength, performance and stability requirements related to structural systems in timber, steel and concrete; bearing wall systems; substances and superstructures.

There are 4 hours of lectures, tutorials and practical work per week throughout the year. Some field excursions are conducted in conjunction with the Construction Technology course.

Before being admitted to the examination, a candidate must attend and make satisfactory progress in practical work.

The course will be examined by one paper.

ARCH 261: Building Economics **6 Credits**

Principles of valuation, economics of urban land development, the effect of townplanning and building activity on land values, economic feasibility of development projects, analysis of investment decisions, sources of finance, economic statistics relating to the New Zealand Building Industry.
Cost analysis, cost planning, cost control.

The course consists of 6 hours of lectures, tutorials and practical work per week for half a year. Regular assignments will be set, which will form part of the examination.

week throughout the year, and will be supplemented by practical work. Regular assignments will be set, which will form part of the examination.

The course will be examined by one paper.

ARCH 151: Structures **6 Credits**

Introduction to Earth Science and foundation engineering. Principles of structural behaviour, including seismic conditions; experimentation with models for the study of structural stability.

There are 6 hours of lectures and laboratory classes each week for the first half of the year, and occasional tutorials and practical work. In addition several field excursions are held, usually on Saturdays.

Before being admitted to the examination a candidate must attend and make satisfactory progress in a practical course in the field and in the laboratory.

The course will be examined by one paper.

ARCH 201: Communication **3 Credits**

Document interpretation, rationalised documentation methods, perspective projection. Surveying for architects, instruments, levelling, traversing, contours, chain and planetable surveying, recording.

The course consists of 6 hours of lectures and practical work per week for half a year. The majority of work will be done in the Drawing Office and in practical work. Some surveying exercises may be conducted on Saturdays.

The nature of the course requires the setting of weekly assignments most of which will be carried out under tutorial guidance. The course will be examined by these assignments.

ARCH 211: Architecture **6 Credits**

The study of problem solving methodology will be continued, with a strong emphasis on the systems approach to activity analysis. Application exercises will be directed to building elements and components development. The emphasis will be on qualitative evaluation of proposals.

The course consists of 5 hours of lectures and practical work per week throughout the year. Some tutorials will be arranged to give students the opportunity to practise the oral presentation of their work. Practical work will be in the field and in the Drawing Office and depends to a large extent on student initiative.

The nature of the course requires the setting of regular

p.104 — Regulation 7 — French — para (d).
Delete "217".

p.113 — Schedule to BA Regulations.
ADD

CRIT 201 *Tragedy* 6. PREREQUISITE 12 credits.

ECHI 301 amend PREREQUISITES to read
"ECON 101 and any two of ECHI 201, 202, 203."

ECHI 302 amend PREREQUISITES to read
"ECON 101 and any one of ECHI 201, 202, 203."

p.120 *ADD*

LING 301 *Lang. Lab. Teaching* 6
COREQUISITES one of FREN 311,
GERM 311
ITAL 311, RUSS 310
MAOR 301
RESTRICTION
FREN 304

p.122 *ADD*

PHSI 301 *Physiology* 12. See BSc Course Regulations.

p.124 *ADD*

PSYC 308 *Conditioning and Learning* 3.
PREREQUISITES PSYC 201 *or* 211 *or* 202 *or* 212.

p.126 *ADD*

WISC 201 *Women in Society* 6.
PREREQUISITES 12 credits.

ARCH 261 is an elective course for the Bachelor of Building Science or Bachelor of Architecture courses; the prerequisite courses are ARCH 141 and ARCH 231; ARCH 231 may be taken as a corequisite.

The course will be examined by one paper.

ARCH 171: Contemporary Architecture **6 Credits**

Introduction to contemporary architecture, studies in the development of the built environment in cities, settlements, buildings and technology.

The course will be taught in 4 hours of lectures plus tutorials per week for half a year.

This course is offered to students from all faculties as a general course. Architecture students may enrol for ARCH 171 *and* ARCH 172 during the Intermediate year or for ARCH 171 in the Bachelor of Building Science course.

The course will be examined by one paper.

ARCH 172: Contemporary Architecture **6 Credits**

The history of the development of the modern movement in 20th Century architecture, with special emphasis on the interaction with other art forms.

This course will be taught in 4 hours of lectures plus tutorials per week for half a year.

This course is offered to students from all faculties as a general course. ARCH 172 is an elective course for Architecture students and may be taken in any year.

The course will be examined by one paper.

Course Regulations for the Degree of Bachelor of Science

First Schedule to the Regulations at **p.192** *ADD*

PHSI 301 *Physiology* 12.
LOAD 4 lect/wk
9 hr prac/wk
full year
PREREQUISITE PHSI 201

Second Schedule to the Regulations at **p.195** *ADD,* under PHSI 201,

PHSI 301

Course Regulations for the Degree of Bachelor of Commerce and Administration

p.161 — First Schedule to BCA Regulations

ECHI 302 amend PREREQUISITES to read
"ECON 101 and any one of ECHI 201, 202, 203".

Course Regulations for the Degree of Bachelor of Music with Honours

p.232 — Regulation 1

After the word "have" in the second line add the words "before enrolment".

FACULTY OF ARTS

FACULTY UNIT

WOMEN IN SOCIETY

COURSE PRESCRIPTION

WISC 201: The study of a particular phenomenon, the status of women in contemporary society. The course is divided into three parts: an analysis of women's status, an account of its development, and an examination of organised responses to it. Both conventional attitudes and the mechanisms of social change will be examined using a variety of analytic models. We shall seek to see how the assumptions of each model affect perception of the phenomenon and our attitude toward it. The intellectual value of the course is therefore both its essentially interdisciplinary nature and its examination of the social and personal consequences of ideas. **6 credits**

INSTITUTE OF STATISTICS AND OPERATIONS RESEARCH

The Institute was established by the University Council in October 1974, and aims to bring together staff, from whatever department, with an active interest in the application, development and teaching of statistical and operations research techniques.

LIST OF INITIAL MEMBERS

Mathematics Department	Professor D. Vere-Jones Mr J. Hoe Dr D. L. Roper Mr W. Armstrong
Economics Department	Professor L. F. Jackson Professor B. Niculescu Mr C. Gillion Miss P. Hyman Dr C. Jeffcoat Mr R. Harrison Mr P. Yoong
Information Science Department	Professor G. A. Vignaux Dr B. Murtagh
Education Department	Dr G. Feletti
Department of Sociology & Social Work	Dr A. V. Zodgekar
Psychology Department	Mr S. Slater
Science Faculty Biometrician	Mr J. Maindonald

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TIMETABLE 1975

p.413

ANTH 201 amend 'PERIOD OF YEAR' to read "1/2"
ANTH 202 amend 'PERIOD OF YEAR' to read "2/2"

p.428

MUSI 131 amend 'DAYS AND TIMES' to read "Tu 11-12
Wed 9-11"

p.417

ECHI 302 amend 'PREREQUISITES (P)' to read
"(P) ECON 101 and any one of
ECHI 201, 202, 203"