

PROFESSIONAL MASTER DEGREE PROGRAMMES

Faculty for the Built Environment

1. Master of Engineering

Extracts from the Bye-Laws:

- (1) Admission to the Course is open to applicants in possession of:
 - (a) a first cycle degree in Built Environment Studies from this University, at least at Second Class (Honours); or
 - (b) a qualification deemed by Senate, on the recommendation of the Faculty Board, to be comparable to this qualification, except that admission may, in this case, be made conditional on the results of an assessment as the Faculty Board may deem appropriate.

In addition to the qualification indicated in paragraph (a), applicants shall be required to submit a transcript of studies showing that during the first cycle degree they successfully completed the minimum number of credits in the relative themes, as indicated in the Schedule approved by the Board. Study-units which were awarded a Compensated Pass will not be considered sufficient for this purpose, but applicants who present Compensated Passes **not more than 4 ECTS credits** may be allowed to join the Course, subject to any conditions which the Faculty Board may impose. Study-units which were successfully completed during exchange periods of study at other universities may be offered in lieu of study-units indicated in the Schedule, subject to confirmation by the Faculty Board that such study-units have a thematic content which is compatible with the relative Schedule, and that study-units so presented are at least at the same level as the study-units they are replacing.

(2) The Course shall extend over four semesters of full-time study.

(3) Each Programme of study leading to the degree of M.Eng., shall comprise study-units to which a total of 120 ECTS credits are assigned, of which not less than 40 ECTS credits are assigned to the Final Project Workshop and Dissertation study-units. It shall include study-units grouped by themes (two main themes each assigned 25 ECTS credits and one secondary theme assigned 10 ECTS credits), 15 ECTS credits assigned to synoptic project-based workshops, and 5 ECTS credits assigned to common mandatory topics focused on research methodologies and tools.

(4) The Programme of study-units shall comprise not less than 60% of credits assigned to topics in civil, structural, constructional and building engineering, not less than 20% to basic sciences, and not less 10% to non-technical subjects.

(5) The following Programmes shall be offered as follows:

M.Eng. (Structural Engineering Programme) comprising main thematic study-units in Theory of Structures and in Structural Design, and secondary thematic study-units in Geotechnical Engineering.

BEN 5003 Research Methods and Tools	5 ECTS	Sem 2
BEN 5002 Professional Studies	2 ECTS	Sem 3
CVE 5101 Design Workshops	15 ECTS	Sem 1 + 2
CVE 5011 Dissertation	15 ECTS	Sem 3 + 4
CVE 5001 Final Project	25 ECTS	Sem 3 + 4
Theory of Structures Module		
CVE 5641 Structural Analysis 1	5 ECTS	Sem 1
CVE 5643 Structural Mechanics	5 ECTS	Sem 1
CVE 5642 Structural Analysis 2	5 ECTS	Sem 2
CVE 5644 Numerical Techniques in Engineering	5 ECTS	Sem 2
CVE 5645 Structural Dynamics	5 ECTS	Sem 3
Structural Design Module		
CVE 5651 Advanced Structural Design 1	5 ECTS	Sem 1
CVE 5652 Advanced Structural Design 2	5 ECTS	Sem 1
CVE 5653 Advanced Structural Design 3	5 ECTS	Sem 2
CNM 5421 Engineering Materials	5 ECTS	Sem 2*
CVE 5654 Special Topics in Engineering	5 ECTS	Sem 3
Geotechnical engineering Module		
CVE 5621 Geotechnical engineering 1	5 ECTS	Sem 1*
CVE 5622 Geotechnical engineering 2	5 ECTS	Sem 3

*In academic year 2014-2015, CNM5421 will be offered in Sem 1, and CVE5621 in Sem 2

M.Eng. (Civil Engineering Programme) comprising main thematic study-units in Infrastructural Engineering and in Structural Design, and secondary thematic study-units in Geotechnical Engineering.

BEN 5003 Research Methods and Tools	5 ECTS	Sem 2
BEN 5002 Professional Studies	2 ECTS	Sem 3
CVE 5102 Design Workshops	15 ECTS	Sem 1 + 2
CVE 5012 Dissertation	20 ECTS	Sem 3 + 4
CVE 5002 Final Project	20 ECTS	Sem 3 + 4
Infrastructural Engineering Module		
SPI 5761 Sustainable Resource Management 1	5 ECTS	Sem 1
SPI 5771 Transport Engineering 1	5 ECTS	Sem 1
SPI 5762 Sustainable Resource Management 2	5 ECTS	Sem 2
SPI 5772 Transport Engineering 2	5 ECTS	Sem 2
CVE 5661 Engineering Structures	5 ECTS	Sem 3
Structural Design Module		
CVE 5651 Advanced Structural Design 1	5 ECTS	Sem 1
CVE 5652 Advanced Structural Design 2	5 ECTS	Sem 1
CVE 5653 Advanced Structural Design 3	5 ECTS	Sem 2
CNM 5421 Engineering Materials	5 ECTS	Sem 2*
CVE 5654 Special Topics in Engineering	5 ECTS	Sem 3
Geotechnical engineering Module		
CVE 5621 Geotechnical engineering 1	5 ECTS	Sem 1*
CVE 5622 Geotechnical engineering 2	5 ECTS	Sem 3

*In academic year 2014-2015, CNM5421 will be offered in Sem 1, and CVE5621 in Sem 2

M.Eng. (Engineering with Management Programme), comprising main thematic study-units in Construction Management, and in either Structural Design or Infrastructural Engineering, and secondary thematic study-units in Geotechnical Engineering.

BEN 5003 Research Methods and Tools	5 ECTS	Sem 2
BEN 5002 Professional Studies	2 ECTS	Sem 3
CVE 5103 Design Workshops	15 ECTS	Sem 1+2
CVE 5013 Dissertation	20 ECTS	Sem 3+4
CVE 5003 Final Project	20 ECTS	Sem 3+4

Management Module

CNM 5821 Construction Management	5 ECTS	Sem 1
CNM 5811 Project Systems 1	5 ECTS	Sem 1
CNM 5812 Project Systems 2	5 ECTS	Sem 2
CNM 5813 Project Systems 3	5 ECTS	Sem 2
CNM 5831 Engineering Project Appraisal	5 ECTS	Sem 3

Infrastructural Engineering Module

SPI 5761 Sustainable Resource Management 1	5 ECTS	Sem 1
SPI 5771 Transport Engineering 1	5 ECTS	Sem 1
SPI 5762 Sustainable Resource Management 2	5 ECTS	Sem 2
SPI 5772 Transport Engineering 2	5 ECTS	Sem 2
CVE 5661 Engineering Structures	5 ECTS	Sem 3

OR

Structural Design Module

CVE 5651 Advanced Structural Design 1	5 ECTS	Sem 1
CVE 5652 Advanced Structural Design 2	5 ECTS	Sem 1
CVE 5653 Advanced Structural Design 3	5 ECTS	Sem 2
CNM 5421 Engineering Materials	5 ECTS	Sem 2*
CVE 5654 Special Topics in Engineering	5 ECTS	Sem 3

Geotechnical engineering Module

CVE 5621 Geotechnical engineering 1	5 ECTS	Sem 1*
CVE 5622 Geotechnical engineering 2	5 ECTS	Sem 3

2. Master of Architecture

Extracts from the Bye-Laws:

- (1) Admission to the Course is open to applicants in possession of:
 - (a) a first cycle degree in Built Environment Studies from this University, at least at Second Class (Honours); or
 - (b) a qualification deemed by Senate, on the recommendation of the Faculty Board, to be comparable to this qualification, except that admission may, in this case, be made conditional on the results of an assessment as the Faculty Board may deem appropriate.

In addition to the qualification indicated in paragraph (a), applicants shall be required to submit a transcript of studies showing that during the first cycle degree they successfully completed the minimum number of credits in the relative themes, as indicated in the Schedule approved by the Board. Study-units which were awarded a Compensated Pass will not be considered sufficient for this purpose, but applicants who present Compensated Passes **not more than 4 ECTS credits** may be allowed to join the Course, subject to any conditions which the Faculty Board may impose. Study-units which were successfully completed during exchange periods of study at other universities may be offered in lieu of study-units indicated in the Schedule, subject to confirmation by the Faculty Board that such study-units have a thematic content which is compatible with the relative Schedule, and that study-units so presented are at least at the same level as the study-units they are replacing.

(2) The Course shall extend over four semesters of full-time study.

(3) Each Programme of study leading to the degree of M.Arch., shall comprise study-units to which a total of 120 ECTS credits are assigned, of which not less than 40 ECTS credits are assigned to the Final Project Workshop and Dissertation study-units. It shall include study-units grouped by themes (two main themes each assigned 25 ECTS credits and one secondary theme assigned 10 ECTS credits), 15 ECTS credits assigned to synoptic project-based workshops, and 5 ECTS credits assigned to common mandatory topics focused on research methodologies and tools.

(4) The Programme of study shall particularly address the topics of architectural design, history and theory of architecture, fine arts, urban design and planning, environmental performances, the construction process and costs, and structural behaviour.

(5) The following Programmes shall be offered as follows:

M.Arch. (Architectural Design Programme), comprising main thematic study-units in Architectural Design, and in Architectural Science and Technology, and secondary thematic study-units in Management Studies.

BEN 5003 Research Methods and Tools	5 ECTS	Sem 2
BEN 5002 Professional Studies	2 ECTS	Sem 3
AUD 5101 Design Workshops	15 ECTS	Sem 1+2
AUD 5011 Dissertation	15 ECTS	Sem 3+4
AUD 5001 Final Project	25 ECTS	Sem 3+4

Architectural Design Module

AUD 5222 Contemporary Architectural Discourse	5 ECTS	Sem 1
AUD 5231 Understanding Interior Space	5 ECTS	Sem 1
AUD 5221 Processes of Creative Design	5 ECTS	Sem 2
AUD 5251 Realities in Architecture	5 ECTS	Sem 2
AUD 5241 Landscape and Building	5 ECTS	Sem 3

Architectural Science & Technology

EVD 5501 Advanced Architectural Science 1	5 ECTS	Sem 1
CVE 5611 Architectural Technology 1	5 ECTS	Sem 1
EVD 5502 Advanced Architectural Science 2	5 ECTS	Sem 2
CNM 5841 Contemporary Materials Technology	5 ECTS	Sem 2
AUD 5641 Architectural Technology 2.	5 ECTS	Sem 3

Design Management Module

CNM 5851 Pre-Contract Management Systems	5 ECTS	Sem 1
CNM 5852 Post-Contract Management Systems	5 ECTS	Sem 3

M.Arch. (Architecture and Urban Design Programme), comprising main thematic study-units in Architectural Design, and in Urban Design, and secondary thematic study-units in Management Studies.

BEN 5003 Research Methods and Tools	5 ECTS	Sem 2
BEN 5002 Professional Studies	2 ECTS	Sem 3
AUD 5102 Design Workshops	15 ECTS	Sem 1+2
AUD 5012 Dissertation	15 ECTS	Sem 3+4
AUD 5002 Final Project	25 ECTS	Sem 3+4
Architectural Design Module		
AUD 5222 Contemporary Architectural Discourse	5 ECTS	Sem 1
AUD 5231 Understanding Interior Space	5 ECTS	Sem 1
AUD 5221 Processes of Creative Design	5 ECTS	Sem 2
AUD 5251 Realities in Architecture	5 ECTS	Sem 2
AUD 5241 Landscape and Building	5 ECTS	Sem 3
Urban Design Module		
SPI 5711 Urban Design and Spatial Continuum	5 ECTS	Sem 1
SPI 5712 Principles and Politics of Urban Design	5 ECTS	Sem 1
SPI 5713 Advanced Urban Design Theory and Practice	5 ECTS	Sem 2
SPI 5714 Sustainable Urban Design and Development	5 ECTS	Sem 2
SPI 5715 Studies in Urban Design and Analysis	5 ECTS	Sem 3
Design Management Module		
CNM 5851 Pre-Contract Management Systems	5 ECTS	Sem 1
CNM 5852 Post-Contract Management Systems	5 ECTS	Sem 3

M.Arch. (Architecture and Conservation Studies Programme) comprising main thematic study-units in Architectural Design, and in Conservation Studies, and secondary thematic study-units in Management Studies

BEN 5003 Research Methods and Tools	5 ECTS	Sem 2
BEN 5002 Professional Studies	2 ECTS	Sem 3
AUD 5103 Design Workshops	15 ECTS	Sem 1+2
AUD 5013 Dissertation	15 ECTS	Sem 3+4
AUD 5003 Final Project	25 ECTS	Sem 3+4

Architectural Design Module

AUD 5222 Contemporary Architectural Discourse	5 ECTS	Sem 1
AUD 5231 Understanding Interior Space	5 ECTS	Sem 1
AUD 5221 Processes of Creative Design	5 ECTS	Sem 2
AUD 5251 Realities in Architecture	5 ECTS	Sem 2
AUD 5241 Landscape and Building	5 ECTS	Sem 3

Conservation Studies Module

BLH 5301 Philosophy and Theory of Conservation	5 ECTS	Sem 1
BLH 5311 Heritage Building Materials and Technology	5 ECTS	Sem 1
CVE 5671 Historic Structures and Interventions	5 ECTS	Sem 2
BLH 5321 Environmental Assessment for Conservation	5 ECTS	Sem 2
BLH 5331 Deterioration and Conservation	5 ECTS	Sem 3

Design Management Module

CNM 5851 Pre-Contract Management Systems	5 ECTS	Sem 1
CNM 5852 Post-Contract Management Systems	5 ECTS	Sem 3

The following target dates apply to all Programmes:

Start of term:	1 st October 2014
Launch of Design Workshop A (5 ECTS):	Week commencing 6 th October 2014
Presentation Week 1:	Week commencing 1 st December 2014
Launch of Design Workshop B (5 ECTS):	Week commencing 8 th December 2014
Christmas Recess:	22 nd December 2014 – 4 th January 2015
Revision Week:	Week commencing 12 th January 2015
First Semester Examinations:	19 th January 2015 – 31 st January 2015
Presentation Week 2:	Week commencing 2 nd March 2015
Launch of Design Workshop C (5 ECTS):	Week commencing 9 th March 2015
Easter Recess:	30 th March 2015 – 12 th April 2015
Presentation Week 3:	Week commencing 25 th May 2015
Revision Week:	Week commencing 1 st June 2015
Second Semester Examinations:	15 th June 2015 – 30 th June 2015

Academic Week	Starting	Counter	Mon	Tue	Wed	Thu	Fri	Sat	
1	29-Set								
2	06-Ott	1							
3	13-Ott	2			Faculty Board				
4	20-Ott	3							
5	27-Ott	4				Senate			
6	03-Nov	5							
7	10-Nov	6			Faculty Board				
8	17-Nov	7							
9	24-Nov	8							
10	01-Dic	Presentation Week							
11	08-Dic	1							
12	15-Dic	2			Faculty Board				
13	22-Dic	VACATION							
14	29-Dic								
15	05-Jan	3							
16	12-Jan	Revision Week 4							
17	19-Jan	EXAMINATIONS					Senate		
18	26-Jan								
19	02-Fra	5							
20	09-Fra	6							
21	16-Fra	7							
22	23-Fra	8			Faculty Board				
23	02-Mar	Presentation Week							
24	09-Mar	1							
25	16-Mar	2							
26	23-Mar	3				Senate			
27	30-Mar	VACATION							
28	06-Apr								
28	13-Apr	3							
29	20-Apr	4			Faculty Board				
30	27-Apr	5							
31	04-Mej	6				Senate			
32	11-Mej	7							
33	18-Mej	8			Faculty Board				
34	25-Mej	Presentation Week							
		Masters Revision							
35	01-Gun	Period							
36	08-Gun								
37	15-Gun	Examinations					Senate		
38	22-Gun								
39	29-Gun								
40	06-Lul								
41	13-Lul	Faculty Board							
42	20-Lul								
43	27-Lul								

VACATIONS