

## Admission Requirements

- ▶ Admission Points Score of 34.
- ▶ NSC achievement rating of at least 4 (50-59%) for Mathematics.

Selection is based on the submission of a creative portfolio of work, comprising drawings and sketches and other creative endeavours, as stipulated by the department. Applicants are required to appear for an interview.

## Course Outline

The following is an outline of the subjects that comprise the curriculum for the BAS and M Arch (Professional) degrees.

### BACHELOR OF ARCHITECTURAL STUDIES:

#### 1ST YEAR

- ▶ Design 1
- ▶ Architectural Theory 1
- ▶ History of Architecture and Art 1
- ▶ Architectural Presentation Techniques 1
- ▶ Geometric Drawing
- ▶ Building Science (Detail Design and Construction) 1
- ▶ Building Science (Environment and Services) 1
- ▶ Building Science (Structures) 1
- ▶ Site Surveying

#### 2ND YEAR

- ▶ Design 2
- ▶ Architectural Theory 2
- ▶ History of Architecture and Art 2
- ▶ Architectural Presentation Techniques 2
- ▶ Architectural Computer Usage 2
- ▶ End User Computing
- ▶ Building Science (Detail Design and Construction) 2
- ▶ Building Science (Environment and Services) 2
- ▶ Building Science (Structures) 2

#### 3RD YEAR

- ▶ Design 3
- ▶ Architectural Theory 3
- ▶ History of Architecture and Art 3
- ▶ Architectural Computer Usage 3
- ▶ Building Science (Detail Design and Construction) 3
- ▶ Building Science (Environment and Services) 3
- ▶ Building Science (Structures) 3

The NMMU Architecture program does not include a compulsory

practical year between the completion of the BAS degree and entry to the M Arch (Professional) degree, although many students do on a voluntary basis choose to spend a year travelling and working in an architects office after completing their first degree. Completion of the BAS degree can lead to registration with SACAP as an Architectural Technologist.

### MASTER OF ARCHITECTURE (PROFESSIONAL):

#### 1ST YEAR

- ▶ Design 4
- ▶ Architectural Theory 4
- ▶ Urban Studies 4
- ▶ Architectural Computer Usage 4
- ▶ Advanced Construction
- ▶ Commercial Law
- ▶ Professional Practice for Architects 4
- ▶ Property Economics for Architects

#### 2ND YEAR

- ▶ Design Treatise 5
- ▶ Urban Design
- ▶ Architectural Theory 5
- ▶ Urban Studies 5
- ▶ Professional Practice for Architects 5

## Enquiries:

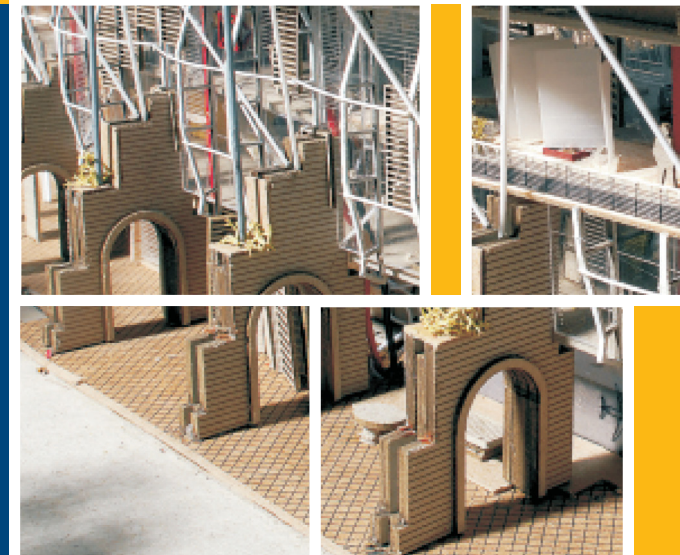
For further details please contact the department secretary,  
Lourine Smith: 041 504 2719 or [lourine.smith@nmmu.ac.za](mailto:lourine.smith@nmmu.ac.za)  
For information on the fees for the course  
please contact NMMU Finances on 041 504 2732  
[www.nmmu.ac.za/architecture](http://www.nmmu.ac.za/architecture)



## Department of Architecture

School of Architecture

Faculty of Arts



# Architecture

Architects, positioned within a series of their own core ideals and interests, shape the built environment with intent, through the manipulation of form and space and set within specific physical, cultural, socio-economic, and intellectual conditions. These elements define the context within which we live, and while we shape our environment, our environment in turn shapes us. It is architects who are intrigued by the quality and shaping of our physical environment and the issues pertaining to the making of architecture and cities.

Architects are involved in a wide range of tasks, including design, technical detailing, analysis, consultation, site visits and project management. They require a variety of skills, ranging from a sensitivity and understanding of architectural design and technology, to professional business, organization, management and administrative skills. The ability to think critically, inquire, conceptualize and a keen interest for craft and making are core values of the architect.

"Young people go to university with the aim of becoming architects, of finding out if they have got what it takes. What is the first thing we should teach them? Practicing architecture is asking oneself questions, finding one's own answers with the help of the teacher, whittling down, finding solutions. Over and over again. The strength of a good design lies in ourselves and in our ability to perceive the world with both emotion and reason. A good architectural design is sensuous. A good architectural design is intelligent."

Peter Zumthor - (Pritzker Prize winner 2009)



*Architecture is an idea realized; shaping space, light, movement, and structure to make place and moment a celebration of our humanness.*

*John Rushmere – award winning architect, Port Elizabeth*



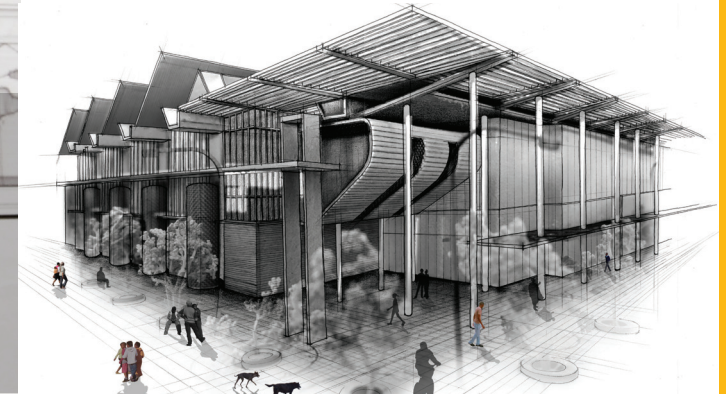
## The Department

"Students who enrol here can expect to develop their talents in a challenging, yet supportive, multi-disciplinary environment that will equip them for a rewarding career in architecture."

Prof. Gavin McLachlan -(Director, NMMU School of Architecture)

The department was founded in 1970 under the headship of the late Prof Jeep Snyman, and is considered a highly reputed department within the scope of the South African architectural environment. The program continues to produce well engaged professionals and offers a world class education that is recognised throughout the country and abroad for the quality of its degrees and the high calibre of its graduates.

While engaging in projects, set primarily in the realities of the local architectural context, the program aims at developing a high level of professional dedication, rigor and promotes inquiry, open-mindedness and resourcefulness. It entices rigorous thought, innovation and craft through an array of daily investigations. Students will engage independently and in teams with architecture on various levels, including design studio sessions and formal lectures.



The department is accredited by the South African Council for the Architectural Profession (SACAP), The Royal Institute of British Architects (RIBA) and the Commonwealth Association of Architects (CAA).

## Qualifications

The department offers two architectural degrees:

- ▶ Undergraduate - Bachelor of Architectural Studies (BAS-3 Years)
- ▶ Postgraduate - Masters of Architecture Professional (M Arch (Professional) -2 Years)

Students who obtain their BAS degree with a 60% pass in Design will be able to enter into the postgraduate degree. Completion of the BAS degree can lead to registration with SACAP as a "Architectural Technologist". After successfully completing the M Arch (Professional) degree, graduates are required two years of work experience under a registered professional architect. After completing the work experience and a professional exam, candidates may register as a "Professional Architect" with SACAP.

Graduates who wish to continue with their academic careers may register for postgraduate research study at a Masters or Doctorate level.