

# **UNIVERSITY OF MAURITIUS**



# THE UNVERSITY OF MAURITIUS

he University of Mauritius (UoM) was founded on the developmental concept to help the general advancement of Mauritius in 1965. Over the years, UoM has evolved into one of the leading Universities in Mauritius, focusing on Research, Consultancy and the development of Undergraduate/ Postgraduate Programmes of Studies to meet the requirements of the Mauritian economy.

The legal existence and corporate entity of the University of Mauritius were established by the University of Mauritius Ordinance No. 39 of 1965. The University of Mauritius Act, 1971, providing for the present Constitution and Statutes, received the assent of H.E. the Governor General on 31 May 1971 and came into effect on 01 July 1971.

The Act establishes the fundamental powers and structure of the University and defines its purposes and entity as a legally independent body.

Her Majesty Queen Elizabeth II, who was accompanied by His Royal Highness the Duke of Edinburgh, inaugurated UoM on 24 March 1972.

### FACTS & FIGURES

Student Population in 2015/2016: 12273

(incl. 181 MPhil/PhD & 54 International students & 600 students from Partner Institutions)

Student Admission in 2015/2016: 3085

Number of PhD graduates as at August 2015: 170

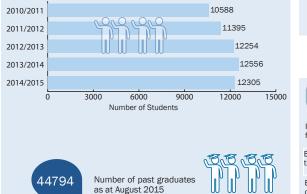
Student Output in 2013/2014: 3566

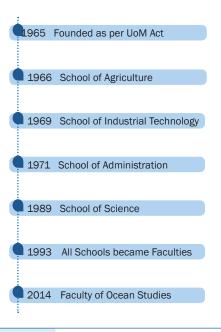
Number of Programmes of Studies Offered in 2015/2016: 180

#### Staffing:

303 (as FT Academic Staff) 720 (as Non-Academic Staff)

#### STUDENT ENROLMENT FOR THE PAST FIVE ACADEMIC YEARS





CONSULTANCY

For the period January

371

2012 to August 2015

PROJECTS











# STRATEGIC PLAN 2015 - 2020

### VISION

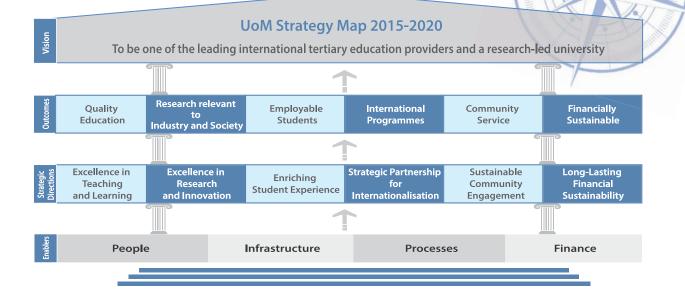
To be one of the leading international tertiary education providers and a research-led university.

### **MISSION**

To provide quality education to students and promote knowledge creation and dissemination through research and innovative teaching while responding to the developmental needs of the country and the global community.

# THE SIX STRATEGIC DIRECTIONS

- EXCELLENCE IN TEACHING AND LEARNING
- EXCELLENCE IN RESEARCH AND INNOVATION
- STRATEGIC PARTNERSHIP FOR INTERNATIONALISATION
- ENRICHING STUDENT EXPERIENCE
- SUSTAINABLE COMMUNITY ENGAGEMENT
- LONG-LASTING FINANCIAL SUSTAINABILITY



### ORGANIGRAM OF THE UNIVERSITY OF MAURITIUS





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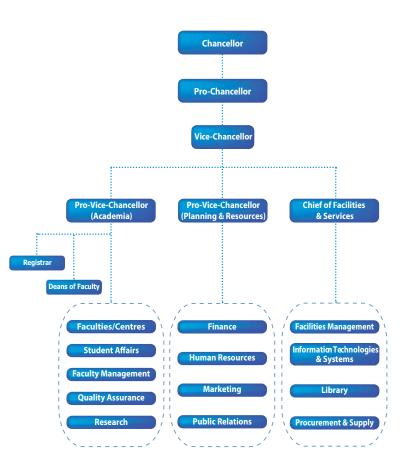
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### LOCAL, REGIONAL AND INTERNATIONAL LINKS/ Collaborations



#### LOCAL ORGANISATIONS

- Apollo Bramwell Nursing School
- Bourse Africa Ltd
- Mauritius Civil Service Mutual Aid Association Ltd
- Mauritius Institute of Training & Development
- Mauritius Meteorological Services
- Mauritius Police Force
- Mauritius Prison Service
- Mauritius Research Council

#### REGIONAL AND INTERNATIONAL LINKS/ COLLABORATIONS

- African Economic Research Consortium (AERC)
- Beijing Institute of Technology, China
- Birmingham City University, United Kingdom
- Canadian International Training & Education Corp.
- Centre for Human Rights, University of Pretoria, South Africa
- Cisco Network Academy
- Commonwealth of Learning (COL)
- Ducere School of Leadership, PTY Ltd, Australia
- EON Reality Inc., USA
- Food, Agriculture and Natural Resources Policy Analysis Network (FANRPAN)
- Gujarat National Law University, India
- Hochschule Bremen (University of Applied Sciences), Faculty of Social Science, Germany
- Imperial College London, UK

- Ministry of Arts & Culture
- Ministry of Environment, Sustainable Development and Disaster and Beach Management

MEMBERSHIP of INTERNATIONAL ORGANISATIONS

Agence Universitaire de la

Association of African Universities Association of Commonwealth

Australia-Africa University Network Association of Indian Universities

Francophonie

Universities

- Ministry of Health & Quality of Life
- Road Development Authority
- State Informatics Limited
- SSR Medical College
- The International Bank for Reconstruction and Development (Mauritius Country Office)
- Indian Institute of Technology (IIT), Madras, India
- International Centre of Insect Physiology and Ecology (ICIPE), Kenya
- International Labour Organisation
- Middlesex University, UK
- Singapore Management University, Singapore
- South African National Space Agency (SANSA), South Africa
- The University of Western Australia
- Université de la Réunion
- Université Gaston Berger, Sénégal/European Union
- Université Paris Ouest Nanterre La Défense, France
- University of Delaware, USA
- University of Geneva, Switzerland
- University of Karachi, Pakistan
- University of Seychelles
- World Trade Organisation

### **FACULTY OF AGRICULTURE**



The Faculty of Agriculture, originally founded as the School of Agriculture in 1914, plays a vital role in providing trained human resources for the public and private sectors in Mauritius as well as in the region for the development of agriculture and related fields.

The Faculty has always been proactive in meeting the capacity building and research needs of the country, having mounted Undergraduate and Postgraduate Programmes with Specialisations in areas such as Sustainable Agriculture, Organic Farming, Horticulture, Land and Water Management, Forestry, Aquaculture, Landscape Management, Food Science and Technology, Biotechnology, etc. The staff are also actively involved in outreach and community engagement activities in these areas.

The UoM Farm, operating under the aegis of the Faculty of Agriculture, is an open laboratory extending over 21 acres. It includes a nursery, a greenhouse, a crop museum, plant and animal laboratories and an animal production unit for hands-on practical training and for student and staff research.

#### The Faculty comprises two Departments:

- Agricultural & Food Science
- Agricultural Production & Systems.

#### **Flagship Programmes:**

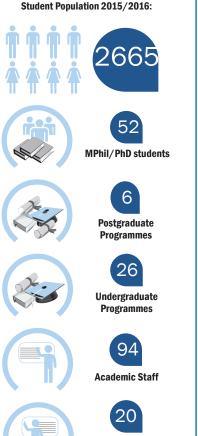
BSc (Hons) Agriscience and Aquaculture Technology, BSc (Hons) Agricultural Science and Technology (with six-month placement)

#### **Main Research Themes:**

Sustainable Agriculture, Food Security, Climate Change, Aquaculture, Forestry, Food Safety, Biotechnology.









Part-Time Academic Staff



#### Administrative/ Support Staff





**Technical Staff** 

# FACULTY OF ENGINEERING



Created as the School of Industrial Technology in 1968, the Faculty of Engineering which, in its initial years, offered only Certificate and Diploma courses, has travelled a long way and now provides a plethora of Undergraduate and Postgraduate programmes on part-time and full-time basis.

Indeed, the Faculty of Engineering has played a key role and has been part and parcel of the economic development of the country over the last 45 years. Qualified engineering workforce produced by the Faculty has not only benefited the country but also several regional economies especially in the last decade as Africa embraces a new turn in its history and local industries are increasingly being implanted in African countries.

#### The Faculty comprises six Departments:

- Applied Sustainability and Enterprise ٠ Development
- Chemical and Environmental • Engineering
- **Civil Engineering** •
- Computer Science and Engineering
- **Electrical and Electronic Engineering** •
- Mechanical and Production Engineering

#### **Flagship Programmes:**

BEng (Hons) Civil Engineering, BSc (Hons) Computer Science, BEng (Hons) Mechatronics, BSc (Hons) Sustainable Product Design, MSc Sustainable Energy Engineering with Environmental Management

#### Main Research Themes:

Renewable Energy, Energy Engineering and Management, Innovative and Sustainable Engineering Technologies, Environmental Engineering

### FACULTY OF LAW & MANAGEMENT



The Faculty of Law and Management was set up as a result of the restructuration of the School of Law, Management and Social Studies in 1993.

The Law, Accounting, Finance and Management programmes offered by the Faculty constructively inculcate a versatile set of skills - management skills, quantitative skills, communication skills, legal skills and finance skills – that will not only ease the FLM graduate into the working world but also equip him/ her with the required abilities to undertake Postgraduate studies within or outside Mauritius.

#### The Faculty comprises three Departments:

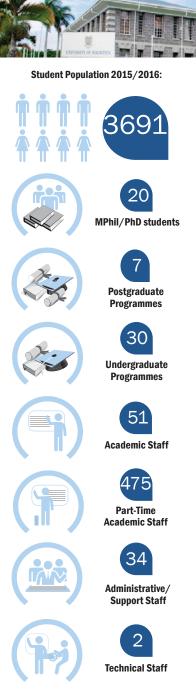
- Finance and Accounting
- Law
- Management.

#### **Flagship Programmes:**

LLB (Hons), BSc (Hons) Finance, BSc (Hons) Management, Master of Business Administration (MBA)

#### **Main Research Themes:**

Finance, Service Quality and Customer Care, Tourism Policy and Planning, Sustainable Tourism





Student Population 2015/2016: 13 Academic Staff Administrative/ Support Staff

**Technical Staff** 

#### Short Continuous Professional **Development Courses (CPDs) in the** field of :

- Aquaculture
- **Coastal Engineering** .
- Coastal Zone Management •
- Ocean Data Collection & ٠ Analysis
- Petroleum Oil & Gas •
- Ocean Economy: Sustainable . **Business Opportunities**
- Climate Change & Coastal ٠ Zone Management
- **Open Source GIS** •
- **Disaster Risk Reduction** .
- Marine Pollution
- Maritime Law .
- **Ocean Governance**
- Integrated Coastal Zone . Management

# FACULTY OF OCEAN STUDIES



The Faculty of Ocean Studies (FOcS) was set up to promote the ocean economy as one of the main pillars of development by optimising the opportunities available to the country as an Ocean State. The Faculty became operational as from August 2014 and is structured so that the much needed multidisciplinary approach towards promoting the Ocean Economy is well addressed. A number of CPDs have since been developed in collaboration with resource persons from overseas to address the professional needs of in-service staff in the fields of Aquaculture, Geographical Information Systems, Coastal Engineering, Ocean Data Collection and Analysis and Coastal Zone Management.

Future CPDs will address the importance of the basic science, the engineering applications and the business opportunities, and some areas currently being addressed are Oil and Gas Management, Maritime Law, Ocean Governance, Seafood Processing and Marine Pollution.

#### The Faculty comprises three Departments:

#### **Flagship Programme:**

- Marine and Ocean Science, Fisheries and Mariculture
- MSc Coastal & Ocean Management (NEW)
- Ocean Engineering and ICT
- Maritime Trade and Finance .

#### Main Research Themes:

Fisheries Science & Management, Aquaculture, Business & Technology, Tropical Coastal Ecosystem Management & Conservation, Coral Reef Dynamics, Conservation & Management, Coastal Vulnerability & Protection, Coastal Engineering

### FACULTY OF SCIENCE



The Faculty of Science hosts six academic departments and since its inception in 1988, the Faculty has made significant contributions to the development of the country by providing quality scientific workforce in many areas of vital importance. Students have a wide choice of quality courses in the mathematical, physical, natural & health sciences and medicine. The Faculty lays much emphasis on quality teaching and it provides a learning environment that provides students with opportunities to reach their full potential.

The Faculty gives much importance to quality research and attracts many students in postgraduate research degrees. Over the past five years, there has been a significant growth in the number of research publications in international journals of high standing. Multidisciplinary research is high on the agenda for the next five years.

#### The Faculty comprises six Departments:

- Biosciences
- Chemistry
- Health Sciences
- Mathematics
- Medicine
- Physics.

#### **Flagship Programmes:**

BSc (Hons) Chemistry, BSc (Hons) Mathematics, BSc (Hons) Physics, BSc (Hons) Biology

#### Main Research Themes :

Astrophysics, Epidemic Modelling, Mapping and Forecasting, Renewable Energy, Climate Change, Microwave Heating, Environmental and Analytical Chemistry, Integrated Coastal Zone Management and Sustainability, Computational Chemistry, Polymer Chemistry, Financial Mathematics and Risk Modelling, Evolutionary and Multiobjective Algorithms, Geostatistics for Environmental and Climate Modelling. Statistical Modelling, Computational Fluid Dynamics, Thermoelasticity, Pure Mathematics, Inclusion and Occupational Therapy, Microbial Taxonomy and Phylogenetics, Dietary patterns and Nutritional Epidemiology, Complementary and Alternative Medicine, Biomedical Sciences





# FACULTY OF SOCIAL STUDIES & HUMANITIES

Student Population 2015/2016:





The Faculty of Social Studies & Humanities was set up as a result of the restructuration of the School of Law, Management and Social Studies in 1993, with the aim to offer quality courses that respond to the socio-economic needs of the country. The Faculty now offers both Undergraduate and Postgraduate programmes in diverse fields like Sociology, Psychology, History, Political Science, International Relations, English, French, Creole Studies, Statistics, Communication, Journalism and Actuarial Studies. A major feature of these programmes is their multi-disciplinary orientation and innovation.

The Faculty also offers Programmes in collaboration with the Mahatma Gandhi Institute and the Mauritius Institute of Education. In line with demands of work sector, our Programmes now include work placement and field visit.

#### The Faculty comprises five Departments:

- Economics and Statistics
- English Studies
- French Studies
- History and Political Science
- Social Studies.

#### **Flagship Programmes:**

BSc (Hons) Actuarial Science, BA (Hons) English, BA (Hons) French, MSc Applied Statistics (sp. Actuarial Science)

#### **Main Research Themes :**

Public Sector Economics and Public Policies, Ethics, Language Studies and Literature, Social Sciences, Identity, Acculturation, Slavery and Indenture

### CENTRE FOR INNOVATIVE AND LIFELONG LEARNING (CILL) CENTRE FOR INFORMATION TECHNOLOGY & SYSTEMS (CITS)

Studer

10

Administrative /

Support Staff

**Technical Staff** 

CILL is responsible for providing and developing the Lifelong Learning Concept, on-line education and eLearning at the University of Mauritius. It currently develops academic modules for the university and pedagogical prototype projects in line with the national ongoing effort for the promotion of ICT, continuous education and lifelong flexible learning and supports



academics and tutors with technology, pedagogical and management tools for the conception, multimedia presentation and networking of their contents and activities. The complete e-learning environment at CILL gives access to academic programmes for a large group of students.

#### **Flagship Programmes:**

BSc (Hons) (Top Up) in Instructional and Educational Technologies & MSc Educational Technologies and Knowledge Society

#### **Main Research Themes :**

Educational and Instructional Technology, Virtual Reality/Augmented Reality for Education, Open and Online Learning

### CENTRE FOR INFORMATION TECHNOLOGY & SYSTEMS (CITS)

The CITS of the University of Mauritius seeks to be a leading edge, high quality provider of computer-based network services, Management Information Systems and IT certification courses in support of UoM's academic, research and public service missions through strong partnerships and informed leadership.

The Centre comprises two Departments:

Information Technology Services (ITS) and Management Information Systems.

The main services provided by CITS are as follows:

- LAN & Wi-Fi connectivity, ICT support, UoM Website Management, Computer Labs Management
- Student Information System and other Information System



13

Administrative/ Support Staff



532



### PHYSICAL INFRASTRUCTURE



The main UoM Campus occupies an extent of 25 acres at Réduit (excluding UoM Farm), which accommodates a total floor area of 51,831m<sup>2</sup> of built facilities.

Teaching & Research	Sports & Leisure	Others
<ul> <li>Lecture Rooms: 71</li> <li>Science &amp; Technology Laboratories: 75</li> <li>Computer Laboratories: 11</li> <li>Library: Approx. 150,000 titles</li> <li>UoM Farm: 21 Acres</li> <li>New University Campus at The CORE, Ebène: 4500m<sup>2</sup></li> <li>MRT Research Facility</li> </ul>	<ul> <li>University Gymnasium Complex: 2742m<sup>2</sup></li> <li>Student Centre &amp; Cafeteria: 1617m<sup>2</sup></li> <li>Maryse Justin Stadium (Tennis/Basketball/ Volleyball pitches)</li> </ul>	Paul Octave Wiehe Auditorium (Seating Capacity—700) Lecture Theatres: 7 (Seating Capacity—average of 140 each)

#### **Further information:**

For details of Programmes offered by the University of Mauritius, please visit our website: www.uom.ac.mu

> University of Mauritius Réduit 80837, Mauritius Tel: (230) 403 7400 Fax: 454 9642

#### **Admissions and Student Records Office**

Professor Sir Edouard Lim Fat Engineering Tower, University of Mauritius, Réduit 80837, Mauritius

Tel: (230) 403 7400, (230) 403 7870, (230) 403 7872

Fax: (230) 464 8004 Email: admission@uom.ac.mu