BREAKING BARRIERS IN KNOWLEDGE DISSEMINATION ACROSS THE GLOBE
GLOBAL PROBLEM SOLVER
STUDENTS LEARN AND DO MORE
ADDING INTERCULTURAL AND GLOBAL DIMENSIONS
PRODUCING WORLD-CLASS TALENTS FOR THE GLOBAL ECONOMY
SINCE 1925

MAPÚA
VIEWBOOK 2018

EDUCATION FOR THE GLOBAL AND DIGITAL AGE
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ABOUT MAPÚA
MESSAGE OF THE PRESIDENT

There are two major forces that have affected the way people study, work and live in today’s world: globalization and digitalization. Mapúa has responded to these forces by providing a learning and living environment that suits the needs of the global and digital generation, to which our students belong.

Most importantly, we have adopted global educational standards for our academic programs. We have set the desired learning outcomes of our programs to the level of, or even above, globally-accepted norms. To validate that we are indeed delivering such intended outcomes, we have voluntarily subjected our programs to accreditation by independent international bodies. Such accreditation becomes a formal "seal of approval" that facilitates the global mobility of Mapúa graduates as they enter into and advance in the practice of their chosen professions.

As a further response to the globalized environment, we continue to offer to our students the opportunity to gain “experience abroad” and thus broaden their horizons through international On-the-Job Training (OJT), plant visits, exchange programs, and research internships.

On the digital front, our libraries have subscribed to very large databases of educational and research materials. We are using an equally large cloud-based learning management system to help deliver our curricula. We have blended digital education with face-to-face in all classes. We can deliver lectures in real-time on a large scale to various kinds of gadgets. We offer a choice of online sections in some courses during time slots that coincide with Manila’s rush hours. As befits a school known for technology, we have indeed deployed the latest modern educational tools in the service of learning by our students, who are to the digital world born.

On another dimension and in keeping with other big, present-day concerns, we strive to have Mapúa education be one that is for the people and the planet.

Come study with us and immerse yourselves in the school’s long tradition of academic excellence and in its innovations meant to race ahead to the future.

Dr. Reynaldo B. Vea
President
**1926**
- Enrollment in the institution increased to three times the total number of its student pioneers.
- MIT moved to a new location at 931 Hidalgo Street in Quiapo, Manila.

**1928**
- Mapúa opened the doors of its high school department.

**1929**
- The University had its first licensed Civil Engineer, earning a passing rate of 92%.

**1930s**
- The Doroteo Jose campus was constructed housing new classrooms, drafting rooms, laboratories, and other facilities.
- New programs were offered in Mapúa. Student population increased to a total of 2,000 college students and 900 high school students.
- Mapúa became the first private institution to offer electrical engineering and mechanical engineering in the country.
- Civil engineering graduates topped the board examinations solidifying Mapúa's claim of being a premier engineering and technological school in the country.
- Mapúa joined the National Collegiate Athletics Association (NCAA).

**1941**
- MIT had its first high school graduates.

**1950s**
- Don Oscar B. Mapúa, son of Don Tomas, became the executive Vice President of Mapúa.
- Mapúa offered the Master of Science in Engineering and Mechanical programs.

**1953**
- The institution established to institute with the intention of founding the school of Architecture and Planning.
- Don Enrico designed the J. Mapúa Memorial Hall.

**1956**
- A completely equipped hydrodynamics laboratory and mechanical and textile engineering pilot plants were featured in the institution's buildings.

**1960s**
- From 75 students and 15 college instructors in 1925, MIT now has 1,510 students and 166 instructors.

**1963**
- Foreign students came to study in Mapúa.

**1968-1989**
- Engineering testing services were first offered.
- MIT continued to display remarkable performance with Mapúans bagging the number one spot in Engineering board examinations.
- Continuing education short courses were first held.
- Mapúa offered Master of Science in Chemistry, its first graduate program.

**1990-1996**
- Guin returned to Mapúa as one of the institutions of engineering and architecture in the Philippines.
- Mapúa was granted Level I accreditation by the Philippine Association of Colleges and Universities Accreditation Commission on Education (PACUCOA).
- The institution published its first two SCOPUS-indexed papers.

**2000**
- The National Group of Companies, headed by Mapúa alumnus Antonio T. Tiongson, took over the ownership of MIT.
- Don B. Mapúa was named as the Third President of Mapúa.
- Student population grew to about 20,000 during Don Oscar’s early years in office.

**2001-2003**
- Mapúa was granted full autonomous status by CHED.
- MIT issued the first high school graduates.

**2005**
- The University became the first school in East Asia to receive accreditation from the Engineering Accreditation Commission of ABET for its Engineering and Computer Engineering programs.

**2010**
- The University became the first in the Philippines to receive accreditation from the Malaysian Standards Commission of ABET for its Engineering and Computer Engineering programs.

**2011**
- MIT opened its Research Center II in Intramuros.
- The Institution shifted to a Quarter System of Education.

**2014**
- Mapúa’s education and research.

**2015**
- MIT opened its Research Center Building to internationalize Mapúa’s education and research.

**2016**
- Four more programs of MIT were granted PTC accreditation.
- MIT and the University joined the Center of Excellence in Management and Business.

**2017**
- The University became known as the University of the Philippines.
- The University became the first in the Philippines to receive accreditation from The Engineering Accreditation Commission of ABET.

**2018**
- Mapúa has also upgraded its ISO certification on quality management systems, from 9001:2008 to 9001:2015.
Due to the continuously increasing employment demands in the global workforce, the Philippines, through its academic institutions, has remained steadfast in pursuing higher quality education in the country. It has begun implementing structural reforms for its educational system for the nation to be at par with its global workforce, the Philippines, is pursuing higher education programs before receiving its college education and later on, for its educational system for the nation to be at par with its global workforce.

To aid the country’s international expectations of the institution for international accrediting bodies and to adhere to its belief that a good quality institution must have a high academic standing, the Philippines, spearheaded by the Department of Education (DepEd), implemented the Enhanced Basic Education Act (CHED), implemented in 2013.

Under Republic Act No. 10533 or the Enhanced Basic Education Act of 2013, high school students for their future employment and business ventures.

With the sufficient period allocated to education in this reform, the academic institutions, student competency and mastery in various disciplines at the basic, secondary and tertiary levels.

This line of research in high schools students, their specific high school diploma, their college education and later on, for their future employments and business ventures.

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DIGITAL

BARRIER-FREE KNOWLEDGE DISSEMINATION

Breaking physical barriers in knowledge dissemination through digital technology, Mapúa has implemented Digital Days where all students and professors hold simultaneous lectures online. Through real-time video conferencing tool Blackboard Collaborate, over 100 classes involving 2,300 students can be held online at any particular timeslot.

Continuing to be a trailblazer in Philippine education, Mapúa recently launched the country’s first fully online engineering program, the Master of Engineering in Industrial Engineering, through its online academic platform Mapúa Digital Academics. All these encapsulate the University’s efforts in harnessing the potential of digital technology in delivering high-quality education anywhere in the world.

RESEARCH DRIVEN

NEW KNOWLEDGE, NEW SOLUTIONS

Committed in engaging in publishable and economically viable research, development, and innovation, Mapúan researchers go beyond the four walls of the University, solving problems concerning the country and the world. Research efforts involve application of self-cleaning membranes and nanomaterials in the medical field, disaster mitigation through the use of wireless sensors for structural health of various infrastructures, and LiDAR data for disaster risk reduction and resource mapping.
In 2006, Mapúa adopted and formally implemented the outcomes-based education (OBE) system, a learner-centered approach requiring students to validate their knowledge through measurable outcomes. Mapúa is the pioneer Philippine school to adopt OBE and its strong implementation has resulted in a significant progress in student growth, board exam performance, and international accreditations. Accreditation from ABET, PTC-ABET, and PICAB manifest stability and advancement of the OBE implementation in the University.

Pursuing its vision of being one of the best universities in the world and aiming to enable students to develop global professional outlook and competence, Mapúa has been implementing international programs and forging partnerships with universities and industries across the globe. It has been sending students abroad for on-the-job trainings, plant visits, student exchange programs, and summer and leadership camps. Mapúa has also been increasing the number of its internationally published research papers (Scopus) and the inbound and outbound traffic of faculty and students.

With the known trait of innovation in its DNA, Mapúa has been continuously expanding its expertise and pioneering programs. This year, the University is set to offer new undergraduate and graduate programs. To further deliver its topnotch education to a wider audience, Mapúa will also be offering fully online master’s programs in nine different areas where it is recognized as Center of Excellence and Center of Development by the Commission on Higher Education. The University is also making strides in implementing various international and research programs and increasing the number of its internationally published research papers in SCOPUS-indexed publications.
**BY THE NUMBERS**

- **447** Faculty members
- **274** Non-teaching personnel
- **2,105** Senior High school students
- **8,949** Undergraduate students
- **30** Graduate program offerings
- **6** Double Degree programs
- **15** Joint program offerings (BS-MS)
- **515** Graduate students
- **40** Undergraduate program offerings

**ABOUT MAPUA**

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AS THE PREMIER ENGINEERING SCHOOL, MAPÚA CRAFTS THE BEST PROFESSIONALS IN VARIOUS FIELDS OF ENGINEERING AND SCIENCES. SINCE 2000, THE UNIVERSITY HAS PRODUCED OVER 300 TOPNOTCHERS ACROSS 11 BOARD EXAMINATIONS.
ACADEMIC PROGRAMS

GEOLGY
Our Geology program will train you in the interdisciplinary science that integrates and uses geological concepts and observations in the field of physics, chemistry, engineering, mathematics, and modern technologies that study our planet Earth. You can pursue careers in the mining, energy, water, construction, and environmental engineering industries.

CONSTRUCTION ENGINEERING MANAGEMENT
After completing this program, you can be a professional construction engineer or a construction project manager. You will learn basic civil engineering and will be equipped with knowledge and skills relevant to the construction industry. The entire learning experience will hone your ability to support and advance the construction industry in the area of contract administration, resource and financial management, technology adoption, and business development.

ENVIRONMENTAL AND SANITARY ENGINEERING
In Mapua, we are engineering for the environment. One of the ways we embody this is through our Environmental and Sanitary Engineering program, which focuses on applications that promotes hygiene, sanitation, public health, environmental protection, and conservation. Through this program, you can be a pollution control officer, a consultant who designs treatment facilities or conducts environmental impact studies, and most importantly, our champion for environmental protection and preservation.
CHEMICAL ENGINEERING

Through the Chemical Engineering program, you will learn the principles of important industrial processes that contribute to improvement of society and preservation of the environment. You will be trained in process design and research in energy generation and utilization, food production, water and wastewater treatment, biomedical engineering, biotechnology, materials development, petroleum and petrochemicals processing, environmental remediation and pollution control, resource management, and other emerging technologies.

BIOLOGICAL ENGINEERING

The Biological Engineering program combines engineering and the life sciences in ways that advance scientific discovery, healthcare and medicine, manufacturing, environmental quality, culture, education, and policy. Students who major in biological engineering earn a fundamental engineering degree for which the raw materials, underlying basic sciences, fundamental toolkit, and future frontiers are all defined by the unique properties of living systems. Students have the option to do research in areas such as biomaterials, bioelectronics, biotechnology, bioprocess engineering, biochemistry, bioinformatics, bioremediation, and molecular medicine. Finishing this program will also allow you to pursue a degree in Medicine.

CHEMISTRY

A degree in Chemistry goes beyond the Periodic Table of Elements. Contrary to popular belief, laboratory-based jobs are not the only career choices for chemistry graduates as there are a lot of viable fields they can explore when they finish the program—from oceanography to entrepreneurship. If you enjoy composition analysis and testing of different materials and products, or perhaps dream of discovering a cure for various diseases, develop a solution to consumer needs or to the worsening effects of pollution, then this program is for you.

MATERIALS SCIENCE AND ENGINEERING

Mapúa’s Materials Science and Engineering program integrates the analytical side of science with the problem solving aspect of engineering. It will train you to develop, process, and test materials used to create wide range of products. Graduates of the program may be involved in materials processing industry, quality control, research and development, technical sales and marketing, consultancy, management, and entrepreneurship.
Exciting opportunities await students who wish to pursue a degree program in Electronics Engineering. If you wish to engage in the design, manufacture, and development of integrated circuits and systems, telecommunication technologies, robotics, and other communication and network systems, this program will provide you with the framework and training to do all that.

Computer Engineering exists at the intersection of technology innovation. It embodies the science and technology of design, development, and implementation, and combines disciplines of electrical engineering and computer science. Finishing this program will allow you to pursue varied career opportunities in hardware engineering and software development, including the maintenance and integration of software and hardware components, and all other related technical and creative attributes using machine-level and high-level modern computer systems, equipment, and languages.

A lot is in store for students of our Electrical Engineering program. It offers a wide array of knowledge from various disciplines of engineering where students get hands-on trainings and scholastic exposures in their field of study. As they learn the science behind electrical phenomena, students also build a good foundation in the areas of mathematics and physics. Graduates of this degree may practice a profession including but not limited to electrical management and electrical design.
MECHANICAL ENGINEERING

In Mapúa, future mechanical engineers learn the traditional and the new and emerging fields of mechanical engineering such as mechanics, thermo-fluid sciences, power systems, mechatronics, robotics, nanotechnology, and renewable energy systems. You may wish to pursue mechatronics, automotive refrigeration and air conditioning, petroleum refining, or robotics emerging technologies.

MANUFACTURING ENGINEERING

Do you have a product idea that you want to mass produce? Are you interested not only in the design process but also in the management side of engineering and manufacturing? Our Manufacturing Engineering program will help you see things in a massive scale through extensive training in designing, processing, and manufacturing products and technologies needed by various industries and sectors.
INDUSTRIAL ENGINEERING

If you are interested in integrating various disciplines with engineering, then this degree program is for you. Industrial Engineering deals with the design, improvement, and installation of integrated systems of people, materials, information, equipment, and energy. If you would like to study under this program, you will be trained to improve systematic processes through statistical analysis, interpersonal communication, design, planning, quality control, operations management, computer simulation, and problem solving.

SERVICE ENGINEERING AND MANAGEMENT

If you want a career in technical engineering and management, this is for you. This program blends engineering education with core business and management courses designed to form future professionals with skills and knowledge in management engineering, planning, organization control, communication, coordination, human resource management, and decision-making. After graduation, you may become business planners, human resources directors, project managers, and service managers.

STATISTICS (WITH SPECIALIZATION IN DATA ANALYTICS)

The BS Statistics program with specialization in Data Analytics is designed to provide students with the necessary knowledge and skills to practice statistics both in the academe and in applied fields. The curriculum is further enriched with a wide-range of subjects in business and computer software applications specifically designed for students to be sufficiently equipped to manage and analyze big data.

PHYSICS

Get into the core of matter and energy with our Physics program. You will be trained for careers in pure and applied physics, interdisciplinary sciences, and engineering to become researchers, scientists, professors, and lead engineers in various industries.
WITH INNOVATION AS OUR DRIVING FORCE, WE DEVELOP PROMISING STUDENTS AND TURN THEM INTO SUCCESSFUL INDUSTRY LEADERS. OUR GRADUATES CREATE SYSTEMS AND PROVIDE SOLUTIONS, CATERING TO THE TECHNOLOGICAL NEEDS OF BUSINESSES AND THE SOCIETY.

TRAINING TOMORROW’S TECHNOLOGY LEADERS

INFORMATION TECHNOLOGY

The Information Technology program will train you on utilizing hardware and software technologies to address the needs of an organization. Upon completion of this degree, you will be knowledgeable in selecting, developing, applying, integrating, and managing secure computing technologies. You may specialize in Computer Networks and Security, Data Management, Emerging Technologies, Application Development, or Cyber Security.
INFORMATION SYSTEMS

In becoming an Information Systems professional, concern is the information that computer systems can provide to aid an enterprise in defining and achieving its goal, as well as the processes that an enterprise can implement or improve by using information technologies. Mapúa’s Information Systems program will develop your skills in planning, developing, acquiring, implementing, and managing information technology artefacts, data, and information processing systems. Specializations for the program are Business Analytics, Enterprise Data Management, IT Audit and Control, IT Service Management, and Enterprise Resource Planning.

COMPUTER SCIENCE

The Computer Science program will prepare you in designing and creating algorithmically complex software, and developing new and effective algorithms for solving computing problems. The program also includes the study of the standards and practices in software engineering, which will let you acquire skills and disciplines required for designing, writing, and modifying software components, modules, and applications that comprise software solutions. You may choose to specialize in Data Science, Intelligent Robotics, or Software Engineering.

ENTERTAINMENT AND MULTIMEDIA COMPUTING

The focus of our Entertainment and Multimedia Computing program is Game Development. Through this program, you can be a game development professional with specialized knowledge, competencies, and values in designing, developing, producing digital games and tools, and managing game development projects for various applications.
Laying Strong Foundations

Architecture is among the first two programs offered by the University. Coincidentally, Mapúa founder Don Tomas Mapúa was the first Filipino registered architect, who also personally trained professionals who rebuilt the country after the Second World War.

Architecture

Did you ever dream of becoming an architect? In Mapúa, you will be trained to have foundation skills and develop strong design ideas. You will learn about the creative and technical aspects of the discipline. If you want to be immersed in the principles of cultural heritage and sustainable design and develop sensitivity to the needs of your future clientele, this degree program is for you. You may specialize in the field of construction management, urban design, heritage conservation, and sustainable design.
ENVIRONMENTAL PLANNING

Through Mapúa’s Environmental Planning program, you will gain extensive knowledge in sound environmental planning, sustainable design, conservation and management. Knowledge in these areas will help you in planning and creating efficient, healthy, and ecologically-sustainable environments that will improve communities and people’s welfare. With this degree in hand, you can pursue a career in different fields like policy assessment, urban and human settlements planning, area development, sectoral planning, capacity building, and general consulting.

INDUSTRIAL DESIGN

As the first school to offer the Industrial Design program in the Philippines, you are sure to learn the skills and competencies needed to deliver the next big thing in the market. You will be trained to design manufactured and consumer products and goods from furniture to automobiles. You may specialize in packaging design, furniture design, exhibition design, graphic design and visual communication, as well as learn the basic skills of visual presentations and prototyping.

INTERIOR DESIGN

Do you have a keen sense of aesthetics in interior spaces? Our Interior Design program provides a careful balance between the methodical approach and the application in aesthetics in delivering unforgettable interior spaces of all forms and sizes. You will learn the various theories and principles, coupled with cultural and environmental sensitivity. Go in-depth with the spatial, design and ethical standards required in practice, and choose from among various specializations such as sustainable interior design, heritage design and adaptive reuse, historical art and interiors, and exhibition design.
IN MAPÚA, FUTURE DIGITAL ARTISTS AND MEDIA PROFESSIONALS ARE TRAINED TO TELL STORIES IN DIFFERENT MEDIA, BUT IN THE SAME EXCELLENT MANNER. STUDENTS ARE MENTORED BY EXPERTS IN VISUAL ART, DIGITAL FILMMAKING, BROADCAST, AND NEW MEDIA.

ON SCREEN. ONLINE. ON AIR.

MULTIMEDIA ARTS AND SCIENCES

Be the next big thing in graphic design or visual arts. This program will equip you with the necessary skills in contemporary and traditional art focusing on the in-depth technical process of concept design, visual development, and art execution through 2D and 3D animation, graphics, and video.

ADVERTISING DESIGN

If you consider yourself a “creative genius” and has a knack in promoting and selling ideas, then you might want to pursue Advertising Design. You will be trained to effectively promote products and services and will be learning about brand communication and design solutions through visual, verbal, and written digital media.
DIGITAL FILM

Join the ranks of the new breed of digital filmmakers, and tell your story through digital technologies. This program centers on the process of film production and covers narrative featured film, documentary film, and experimental film. You will be trained on professional and skills development courses such as directing, production design, scriptwriting, acting, film scoring, and film editing.

DIGITAL JOURNALISM

This is the new age of journalism. Be one of the first to deliver news and information using new media platforms. Aside from learning about the basics of print and traditional journalism, this program will train you to effectively report the right information in the digital world. You will have knowledge and skills to deal with various digital publications – newspaper, journals, and magazines – for accurate economic, industrial, and business reporting. You will also gain skills in photojournalism, graphic journalism, publication design, and electronic and web publishing.

BROADCAST MEDIA

Ever wondered what happens off-cam during productions? Dying to know how radio commentators and disc jockeys sustain air time and deal with stuff off-air? Mapúa’s Broadcast Media program answers these questions and more. You will experience and learn both the theoretical and actual radio and television production for news programs, public affairs, and creative shows. You will also be trained in the transmission of news, information, and concepts with focus on digital technology for broadcasting productions, news gathering, reporting, and delivery methods in new multimedia platforms.
AS A PARTNER FOR SUCCESS, WE AIM TO EQUIP OUR STUDENTS WITH THE SKILLS AND KNOWLEDGE THEY NEED TO SUCCEED IN THE GLOBALIZED CORPORATE ENVIRONMENT. WE PROVIDE THEM THE THEORETICAL KNOWLEDGE AND LET THEM GAIN REAL WORLD EXPERIENCE. THEIR SUCCESS IS OUR BUSINESS PROPOSAL.

ACCOUNTANCY

With its advanced and international standards-patterned curriculum, Mapúa’s Accountancy program trains students to develop skills in financial, public, and managerial accounting, external and internal auditing, accounting information systems, regulatory framework, and taxation. Aside from preparing students to be certified public accountants (CPAs), the program offers training opportunities in top accounting firms and ensures graduates’ excellence in accounting, auditing, administration, and finance-related professions.
ENTREPRENEURSHIP

Students of our Entrepreneurship program become opportunity seeking, resourceful, innovative, and multi-skilled. The program stimulates students’ entrepreneurial mindset and develops their entrepreneurial research interest. With business conceptualization and implementation as a core requirement, the program gives students access to research and experimental outputs from Mapúa’s engineering schools, which gives them better business propositions and encourages collaboration between Entrepreneurship students, and engineering and sciences majors.

BUSINESS ADMINISTRATION

Our Business Administration program provides students with both theoretical knowledge, and practical tools and mindset, which are necessities in succeeding in the professional workspace. Future business professionals may specialize in Marketing Management, Financial Management, or Operations Management, all equally offering career opportunities in banking, insurance, manufacturing, business process outsourcing, and media and advertising industries.

HOSPITALITY MANAGEMENT

Integrating theory and technical skills, Mapúa’s Hospitality Management program equips students with strong management and service orientation needed in the hospitality industry at par with global standards. Hands-on training using state-of-the-art equipment and facilities guarantees graduates’ successful careers in the hospitality, food and beverage, travel and tourism, and related service industries.

PHYSICAL EDUCATION

If you are a sporty type, or maybe PE is your favorite subject back then, you may want to take up this program aimed at providing you with an understanding of theoretical and practical knowledge of sports and wellness management. You can pursue a career as a coach, personal trainer, sports analyst, wellness activity manager, gym manager, corporate wellness trainer, sports tourism officer, or recreation director, among others.

PHYSICAL EDUCATION

MAJOR IN SPORTS AND WELLNESS MANAGEMENT (BPE)

Photo courtesy of Manuel Ribojr
A UNIQUE LEARNING EXPERIENCE AWAITS STUDENTS OF MAPÚA’S SOCIAL SCIENCES PROGRAMS. THEY WILL BECOME KNOWLEDGEABLE IN SCIENCE AND TECHNOLOGY, EDUCATIONAL METHODOLOGIES AND CONCEPTS, AND HUMAN BEHAVIOR, AND BECOME WELL-EQUIPPED WITH TECHNICAL AND COMMUNICATION SKILLS, MAKING THEM QUALIFIED IN THE BUSINESS, EDUCATION, LAW, SCIENCE, AND MEDIA INDUSTRIES.

TECHNICAL COMMUNICATION

You will be taught in this degree program how to integrate principles and practices of communication with the technological fields of study such as the sciences, business, information technology, and engineering. Your goal is to communicate technical information to lay and experts alike. After graduation, you may be employed as a technical writer, editor, designer of marketing campaigns, instructional manual developer, information specialist, director, public relations specialist, researcher, or trainer.
EDUCATIONAL TECHNOLOGY

At the nexus of Mapúa’s state-of-the-art technology facilities and top-tier education expertise, the BS Educational Technology aims to equip students with training in educational practice and solid grounding in instructional technology to become effective, skilled, and relevant educational technology practitioners in the future. With this degree, one can be instructional technologist, technology-enriched curriculum developer, technology instructor, learning manager, instructional designer, corporate trainer, learning and development director, or a university lecturer.

AB PSYCHOLOGY

The AB Psychology program aims to expose students with in-depth and state-of-the-art study of human the human mind in order for them to understand the dynamics and intricacies of individual and group behavior. With the degree, graduates could practice future professions in psychotherapy, human resource management, community development, education, law, and business management. The program focuses on research and practice of psychology in relevant settings.

BS PSYCHOLOGY

The BS Psychology program delves on the foundations and general psychological concepts, particularly as it related to particular psychological concepts rooted in human biology, chemistry, biochemistry, and cognitive science. With the BS Psychology program’s orientation toward a science-based and systematic study of the human mind, the course serves as a Pre-Medicine program for those who intend to pursue Medicine in the future.

DOUBLE DEGREE PROGRAMS

- Chemical Engineering and Chemistry
- Civil Engineering and Environmental and Sanitary Engineering
- Geological Science and Engineering
- Physics and Electrical Engineering
- Physics and Electronics Engineering
- Physics and Materials Science and Engineering
GRADUATE PROGRAMS

Doctor of Philosophy in Chemistry
Doctor of Philosophy in Electronics Engineering
Doctor of Philosophy in Environmental Engineering
Doctor of Philosophy in Materials Science and Engineering
Doctor of Philosophy in Chemical Engineering
Doctor of Philosophy in Computer Science
Master of Engineering
Master in Information Technology
Masters in Multimedia Arts
Master of Arts in Psychology
Master of Science in Architecture
Master of Science in Biological engineering
Master of Science in Business Analytics
Master of Science in Chemical Engineering
Master of Science in Chemistry
Master of Science in Civil Engineering
Master of Science in Computer Engineering
Master of Science in Computer Engineering by Research
Master of Science in Computer Science
Master of Science in Electrical Engineering
Master of Science in Electrical Engineering by Research
Master of Science in Electronics Engineering
Master of Science in Electronics Engineering by Research
Master of Science in Engineering Management
Master of Science in Environmental Engineering
Master of Science in Industrial Engineering
Master of Science in Materials Science and Engineering
Master of Science in Mechanical Engineering
Diploma in Power Electronics
Major in Engineering Management [fully online program]

JOINT PROGRAMS

B.S. in Electrical Engineering - M.S. in Electrical Engineering
B.S. in Chemical Engineering - M.S. in Chemistry
B.S. in Chemical Engineering - Chemistry - M.S. in Environmental Engineering
B.S. in Civil Engineering - M.S. in Construction Engineering
B.S. in Civil Engineering - M.S. in Civil Engineering
B.S. in Chemical Engineering - M.S. in Environmental Engineering
B.S. in Chemical Engineering - M.S. in Materials Science and Engineering
B.S. in Computer Engineering - M.S. in Computer Engineering
B.S. in Electronics Engineering - M.S. in Electronics Engineering
B.S. in Electronics Engineering - M.S. in Materials Science and Engineering
M.S. in Environmental Engineering - Ph.D. in Environmental Engineering
B.S. in Materials Science and Engineering - M.S. in Materials Science and Engineering
B.S. in Biological Engineering - M.S. in Biological Engineering
A.B. in Psychology - M.A. in Psychology
B.S. in Psychology - M.A. in Psychology
STUDENT ACHIEVEMENTS

Mapuans do not rest on their laurels. We fail not to succeed.

WE ARE THE HOME OF THE FINEST AND THE BRIGHTEST

Topnotchers of different national licensure exams in the past years were Mapuans. This is a result of tough and excellent education at Mapúa.

STUDENT AWARDS

MAPÚA JUNIORS BASKETBALL TEAM
Back-to-back Champions (2017, 2018)
Filoil Flying V Preseason Premier Cup

RED ROBINS
MAPÚA JUNIORS BASKETBALL TEAM
Back-to-back Champions (2017, 2018)
First Flying V Preseason Premier Cup

BEVERLY ANNE RAMOS
Grant Jury Prize for Short Film
60th FAMAS Awards

JACQUELINE DE VERA
2016 Mapúan Young Investigators
Technologists Awards
National Academy of Science and Technology

RAYMUNDO GUTIERREZ
2nd Place Finalist (2015, 2017)
Cannes Film Festival Short Film Category

CHRYSTALLINE GALE Y. CALVEZ
Champion
Research Competition
14th PSE National Student Congress

ALEC DENJI S. SANTOS
3rd Place
5th World Invention Creativity Contest,
Swiss Trade and Exhibition Convention,
Basel, South Korea

MAPÚA CARDINAL SINGERS
Silver Prize Award - Classical Mixed Category
13th Busan Choral Festival and Competition
Busan, South Korea

JACQUELINE DE VERA
2016 Mapúan Young Investigators
Technologists Awards
National Academy of Science and Technology

RED ROBINS
MAPÚA JUNIORS BASKETBALL TEAM
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Silver Prize Award - Classical Mixed Category
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Busan, South Korea

Since 2000, Mapúa has produced 351 TOPNOTCHERS OF PRC-ADMINISTERED LICENSURE EXAMINATIONS.

Topnotchers of different national licensure exams in the past years were Mapuans. This is a result of tough and excellent education at Mapúa.
ACCREDITATIONS

CENTERS OF EXCELLENCE
B.S. in Chemical Engineering
B.S. in Computer Engineering
B.S. in Civil Engineering
B.S. in Electrical Engineering
B.S. in Electronics Engineering
B.S. in Mechanical Engineering
B.S. in Environmental and Sanitary Engineering
B.S. in Information Technology

CENTER OF DEVELOPMENT
B.S. in Industrial Engineering

LEVEL IV
B.S. in Civil Engineering

LEVEL III
B.S. in Computer Engineering
B.S. in Electrical Engineering
B.S. in Electronics Engineering
B.S. in Environmental and Sanitary Engineering
B.S. in Industrial Engineering
B.S. in Mechanical Engineering

LEVEL II
B.S. in Chemical Engineering
B.S. in Computer Science

LEVEL I
A.B. in Psychology
B.S. in Psychology
B.S. in Architecture
B.S. in Chemistry
B.S. in Materials Science and Engineering
B.S. in Information Technology

ABET - ENGINEERING ACCREDITATION COMMISSION (EAC)
B.S. in Chemical Engineering
B.S. in Civil Engineering
B.S. in Environmental and Sanitary Engineering
B.S. in Industrial Engineering
B.S. in Mechanical Engineering
B.S. in Computer Engineering
B.S. in Electrical Engineering
B.S. in Electronics Engineering
B.S. in Biological Engineering
B.S. in Materials Science and Engineering
B.S. in Manufacturing Engineering

ABET - COMPUTING ACCREDITATION COMMISSION (CAC)
B.S. in Computer Science
B.S. in Information Technology
B.S. in Information Systems
ACCREDITATIONS

**PICAB**
PHILIPPINE COMPUTER SOCIETY – INFORMATION AND COMPUTING ACCREDITATION BOARD

- B.S. in Computer Science
- B.S. in Information Technology
- B.S. in Information Systems

**PTC-ACBET**
PHILIPPINE TECHNOLOGICAL COUNCIL – ACCREDITATION AND CERTIFICATION BOARD FOR ENGINEERING AND TECHNOLOGY

- B.S. in Civil Engineering
- B.S. in Electrical Engineering
- B.S. in Electronics Engineering
- B.S. in Industrial Engineering
- B.S. in Chemical Engineering
- B.S. in Computer Engineering
- B.S. in Environmental and Sanitary Engineering
- B.S. in Mechanical Engineering

**ISO 9001:2015**
Environmental management system certification

**ISO 14001:2015**
Quality management system certification
STUDENT SERVICES

OFFICE OF STUDENT AFFAIRS

Creates a safe, conducive for learning, and healthy campus environment for Mapúans.

OFFICE OF THE PREFECT OF DISCIPLINE

Takes the forefront in resolving student disputes and complaints, and implements rules and regulations to all Mapúans.

CENTER FOR GUIDANCE AND COUNSELING

Facilitates students’ holistic development: educational, vocational, and psychological potentialities.

CENTER FOR SCHOLARSHIPS AND FINANCIAL ASSISTANCE

Ensures that financial assistance and grants are available to academically deserving and creatively gifted Mapúans.

CENTER FOR STUDENT ADVISING

Provides support ranging from academic to peer to personal for students’ development.

CENTER FOR CAREER SERVICES

Facilitates international programs for inbound and outbound students.

CENTER FOR SPIRITUAL DEVELOPMENT

Caters to the spiritual well-being of all Mapúans.

CENTER OF CULTURAL DEVELOPMENT

Offers a diverse cultural treat to Mapúans to showcase their creative talents through the Mapúa Tekno Teatro and the Mapúa Cardinal Singers.

CENTER FOR STUDENT PUBLICATIONS

Publishes the school organ, the New Builder, and the school yearbook, Cardinal and Gold.

HEALTH SERVICES DEPARTMENT

Caters to the physical wellness of all Mapúans.
The Center for Continuing Education and Special Competencies (CCESC), formerly the Continuing Education Program, was established in 1986 to provide supplemental course programs in computer application to Mapúa students. The success of its initial course offerings bolstered CCESC’s resolve to expand its programs by introducing non-conventional and computer-based learning instructions covering advanced courses in engineering and information technology (IT)-related programs (hardware and software applications) and review module for engineering licensure exams.

With its vision of becoming a premier center for non-conventional learning, CCESC aims to utilize all technological breakthroughs and, through innovative and state-of-the-art instructions, raise the level of proficiency and global competitiveness of Mapúa graduates and Filipino IT professionals in general.

For the complete list of CCESC course offerings, scan the QR below or visit www.Mapúa.edu.ph/academics/ccesc

Scan the code for the complete list, details, and requirements of the Scholarships

Scholarships, academic grants, and financial aids are available to academically deserving, creatively gifted, and financially challenged students of Mapúa University. Scholarship grants for undergraduate studies are sponsored by the Mapúa administration, private companies, foundations, alumni associations, government agencies, and other entities.

Applicants are screened by the University’s Center for Scholarships and Financial Assistance.

**FINANCIAL ASSISTANCE PROGRAM**

- Income-Based Financial Assistance Program (IBFAP
  Students from public schools are prioritized
- Student Assistantship

**PROMOTIONAL DISCOUNT**

- YGC Promotional Discount
- Sibling Discount

**MAPÚA-SPONSORED SCHOLARSHIP PROGRAMS**

- E.T. Yuchengco University Scholarship
- Don Tomas Mapúa Scholarship
- Academic Scholarship
- Athletic Scholarship
- P.D. 577 Scholarship
- The New Builder Scholarship
Mapúa University commits to promote sustainable actions for the community and the environment as it delivers quality engineering and technological education.

**Other Activities Include:**
- Livelihood Trainings
- Blood Donation Program
- Outreach Programs
- Branch Circuit Wiring Seminars
- Marketing Workshops
- Activities coordinated with NGOs like Gawad-Kalinga and Habitat for Humanity
- Programs for continuous improvement with DepED
- Computer Literacy Trainings
- Tutorial Classes on Mathematics
- Tutorial Classes on Physics
- Zumba and Circuit Trainings
- PC Troubleshooting Seminars
- English Camps
- Welding Workshops
INTERNATIONAL PROGRAMS

STUDY ABROAD

One of the primary features of the student exchange program is the credit course. The number of units that the exchange student will take will depend on the agreement between Mapúa and the host university per semester/quarter.

JOINT PROGRAMS

Mapúa offers joint programs with its partner universities abroad where a student takes a degree in two phases: first at the home university for a specified period and then at the host university for another period. At the end of the program, depending on the agreement with the partner university, the student will be conferred with degree(s) from both universities.

ENGLISH CAMP

Mapúa has developed an intensive program for inbound exchange students to promote the use of spoken English in various settings such as academic, professional, cultural, and social situations.

INTERNATIONAL SUMMER CAMP

In the summer, inbound exchange students flock to Mapúa to join in its international summer camp where they are exposed to the Filipino culture and history. Activities during the summer camp include cultural and historical visits in Manila’s tourist spots and nearby provinces, industry and plant visits, adventure trips, and immersion with locals.

INTERNATIONAL PLANT VISIT

International plant visits are part of the University’s curriculum to provide students with relevant academic experiences that aims to match the theoretical knowledge learned inside the classroom with the actual production systems and business processing of plants.

INTERNATIONAL ON-THE-JOB TRAINING

International on-the-job trainings are part of Mapúa’s initiatives to ensure students’ professional readiness in the working culture abroad as well as competitiveness in the global arena.
INTERNATIONAL PARTNERS
STUDENT EXCHANGES

- Chulalongkorn University
- Chung Yuan Christian University
- Chung-Ang University
- Gediz University
- Independent Studies of Science Technology and Training - IST
- Kumoh National Institute of Technology (MDA)
- Kwang Jin Technical Academy
- Lulea University of Technology
- National Chung-Yi University of Technology
- National Taiwan University of Science and Technology
- The Catholic University of America
- The Chung-Ang University
- Universidad Catolica San Antonio (UCAM)
- United International Private School
- Universidad Carlos III de Madrid
- University of Guam
- University of Hawaii Maui College
- University of Massachusetts Lowell
- University Teknologi Mara Sdn. Bhd.
- Nguyen Tat Thanh University
- Chaoyang University of Technology
- University of Chemistry and Technology
- The Centennial College of Applied Arts & Technology
- Binus University
- University of Southern Denmark
- University of California
- Vels University
- Hindustan Institute of Technology & Sciences
- Technical University of Liberec
- Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (Veltech Dr. RR & Dr. SR University)
- University of Malaya, Malaysia
- Tomas Bata University
- Kwang Jin Technical Academy
- Universiti Teknologi Petronas
- Technical University of Liberec
- Okayama University of Science
- Institut Teknologi Sepuluh Nopember
- La Universidad Nacional de Colombia

INTERNATIONAL PARTNERS
PARTNER INDUSTRIES

- Access International Global Exchange
- American Hospitality Academy
- Ardagh Group
- Ascend International Services, Inc.
- Bushhehr Polymer Ind. Group
- Cognitia Technology Group, Inc.
- Continental Temic Electronics (Phil.), Inc.
- Finsar Malaysia
- Haedundae Grand Hotel
- Heishiro Corporation
- Ingenieria Y Economia del Transporte
- K & A Inc.
- Mitsubishi Fuso Truck and Bus Corporation
- Musashi Corporation
- Nihon Kaiten Sushi Kyoukai (Japan’s Kaiten Sushi Association)
- Ninomiya Manufacturing Corporation
- Ohzen Co. Ltd.
- Otawa Corporation
- Sakae Casting Co., Ltd.
- Shimizu Philippines Contractor, Inc.
- UM Co. Ltd.
- Winlex International (SI) Co Ltd.
- World Kitchen ATG (M)
- Xrabe Inc.

INTERNATIONAL PARTNERS
AGENCIES

- AFS Intercultural Programs Phils., Inc.
- AISEC Ateneo De Manila
- Dream Search International, Inc.(DSI)
- EDU-BLESS Management
- First Place, Inc.
- Focus360 Degree
- Genius English Center (FS Recruitment)
- Gold Education and Career Consultant
- HRInternational Inc.
- International Education Recruitment and Overseas Placement Agency
- Jellyfish Education Consultancy Philippines Inc.
- Macpherson International Business Consultancy
- POEC Consultancy International, Inc.
- Portfolio Launcher Inc.
- Premier Apprenticeship & Travel Consultants, Inc. (PrimeApp)
- Quuvee
- SHE Foundation
- Singapore Education & Training Consultants Pte., Ltd.
- STW Learning Facilitation Inc./Hunan Mass Media Vocational and Technical College
- The International Association for the Exchange of Students for Technical Experience (IAESTE) Philippines
BE READY FOR THE WORLD.

For the complete admission guidelines and requirements, scan this QR code or apply online at Mapúa EDU.PH/ADMISSIONS.

You may also send us an e-mail at admissions@Mapua.edu.ph or call us at 247-5000 local 5101 or 5102 to learn more about us.
BREAKING BARRIERS IN KNOWLEDGE DISSEMINATION ACROSS THE GLOBE
GLOBAL PROBLEM SOLVER
STUDENTS LEARN AND DO MORE
ADDING INTERCULTURAL AND GLOBAL DIMENSIONS
PRODUCING WORLD-CLASS TALENTS FOR THE GLOBAL ECONOMY
SINCE 1925