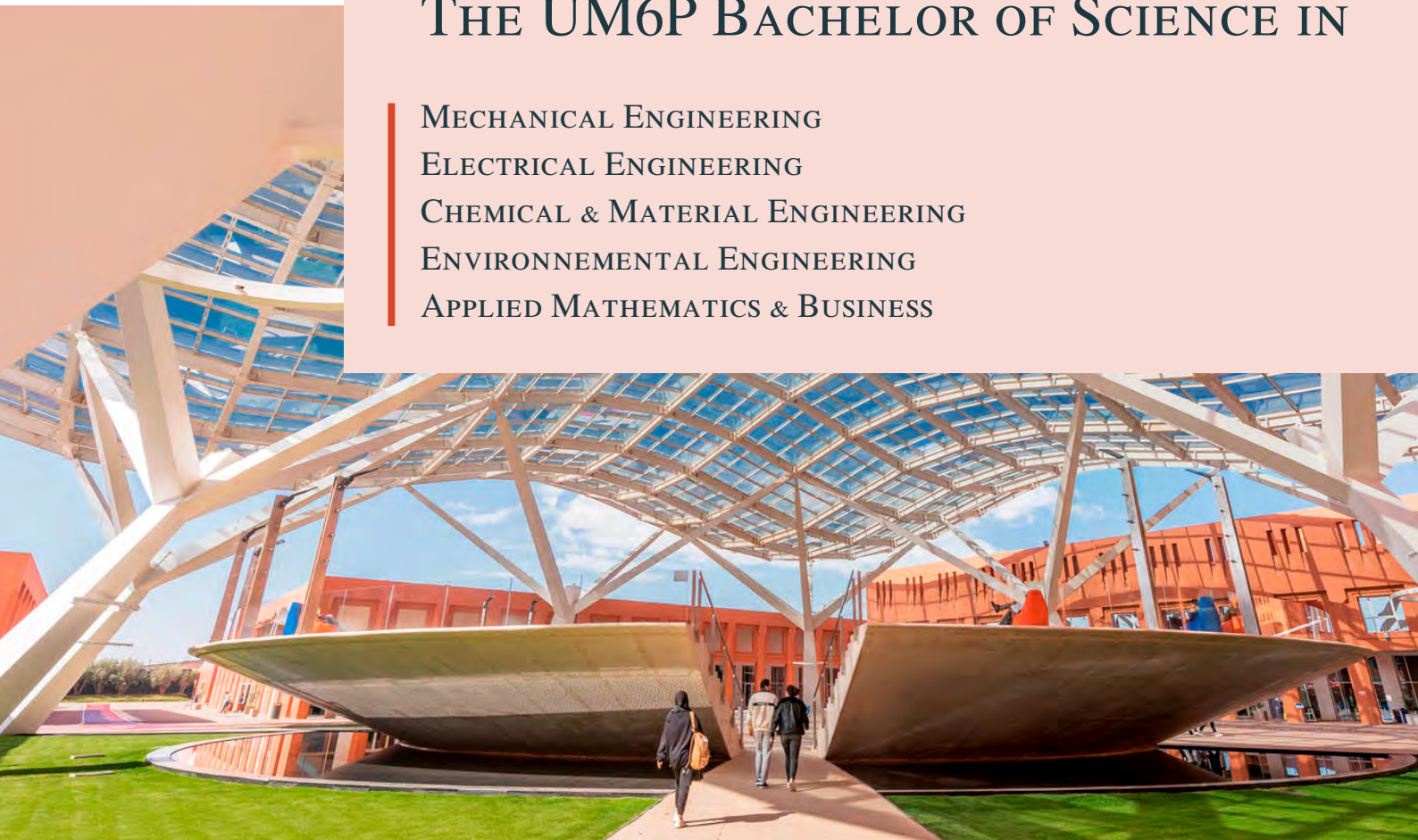


UNDERGRADUATE PROGRAM IN APPLIED SCIENCES & BUSINESS

THE UM6P BACHELOR OF SCIENCE IN

MECHANICAL ENGINEERING
ELECTRICAL ENGINEERING
CHEMICAL & MATERIAL ENGINEERING
ENVIRONNEMENTAL ENGINEERING
APPLIED MATHEMATICS & BUSINESS



**Empowering Leaders at the Crossroads of Science,
Technology, and Business.**



**Times
Higher
Education**

- ▶ 1st in North Africa
- ▶ 3rd in Africa
- ▶ Among the Top 500 Universities Worldwide





MOHAMMED VI POLYTECHNIC UNIVERSITY

Mohammed VI Polytechnic University (UM6P) is a leading institution committed to nurturing talent and developing innovative solutions to address both Africa's challenges and global issues. Through a blend of applied research, practical training, and collaboration with industry leaders, UM6P equips its students with the skills needed to shape a sustainable future for the continent.

UM6P's learning environment fosters innovation through hands-on experimentation, peer-to-peer collaboration, and a problem-solving approach. The university emphasizes applied research to develop real-world solutions and encourages entrepreneurship, innovation, and sustainable development to support Africa's economic and social growth.

Organized into four academic hubs—Science and Technology, Business and Management, Humanities, and Health Sciences—UM6P creates synergies between research, industry, and education. This integration ensures that students are prepared to address current and emerging challenges while receiving personalized support to secure their first job.

With more than **7,200** students, including **995** doctoral candidates, and a diverse community representing **33** nationalities, UM6P provides a global experience enriched by **300** faculty researchers and international partnerships. Its presence extends beyond Morocco, with campuses in Benguerir, Rabat, and Laayoune, as well as international offices in Paris and Canada. Choosing UM6P means joining a collaborative ecosystem dedicated to forming the next generation of African leaders committed to sustainable and inclusive development.

SCIENCE AND TECHNOLOGY CLUSTER

The Science and Technology Cluster at UM6P is designed to drive innovation, applied research, and technological advancements across multiple fields. This cluster serves as a cornerstone of the university's mission to address Africa's most pressing challenges, fostering solutions in energy, infrastructure, environment, and industry through cutting-edge education and experimentation.

With access to state-of-the-art facilities, including digital twin platforms, living labs, and advanced research centers, students engage in real-world problem-solving from the start of their academic journey. These environments promote hands-on learning through simulations, projects, and collaborative research, enabling students to experiment with and develop emerging technologies.

The cluster offers programs across key domains, including engineering, applied sciences, data science, materials technology, and environmental sustainability. The programs emphasize an interdisciplinary approach, blending fields such as artificial intelligence, robotics, renewable energy, and resource management. Through this model, students are equipped to tackle global challenges with innovative thinking and technical expertise.

Partnerships with major industry players provide students with access to internships, projects, and mentorship from industry experts. This combination of applied research and industry collaboration ensures that graduates are ready to excel in high-demand sectors like industrial automation, digital manufacturing, renewable energy, and advanced materials. Furthermore, the cluster's global network and research-driven curricula open doors to graduate studies and professional opportunities worldwide.



SCHOOL OF APPLIED SCIENCES & ENGINEERING

The School of Applied Sciences and Engineering (SASE) at UM6P is dedicated to addressing the challenges of Morocco and Africa through innovative education. SASE cultivates leaders equipped with scientific, technological, and human skills to transform global challenges into opportunities for sustainable growth and innovation.

SASE emphasizes interdisciplinarity and innovation, creating an ecosystem where science, engineering, and entrepreneurship converge. This approach empowers students to develop integrated solutions for complex societal needs, ranging from industrial modernization to climate resilience and sustainable resource management.

With access to cutting-edge infrastructure, including living labs, digital platforms, and advanced research equipment, students engage in hands-on, experiential learning. This immersive environment enables them to apply theoretical knowledge to real-world challenges, fostering creativity and technical mastery.

The school leverages strategic partnerships with leading academic and industrial institutions, both nationally and internationally, offering students invaluable exposure to global expertise and industry practices. These collaborations enhance opportunities for internships, joint projects, and mentorship from experts.

SASE also maintains a global vision with a local impact, ensuring that research and innovation contribute directly to the sustainable development of African economies. Its programs balance technical knowledge, transversal skills, and soft skills to prepare students for leadership roles. In addition, entrepreneurship is at the core of the school's mission, with dedicated programs, incubators, and FabLabs supporting business creation and innovation.

Rooted in UM6P's mission to promote sustainability, the school is committed to developing solutions that address Africa's economic, environmental, and social challenges. Through this approach, SASE empowers its students to become the innovators and leaders shaping the future of the continent.

UNDERGRADUATE PROGRAM

UM6P's undergraduate program in Applied Sciences and Engineering offers a comprehensive curriculum designed to address the evolving needs of industries and global challenges. The program features five Bachelor of Science (B.Sc.) degrees, each focusing on key areas critical to innovation, sustainability, and technological advancement. Our program is structured over **4 years** and consist of at least **126 credits** (up to 153), aligning with international academic standards. Each program balances core courses, specialization courses, and practical experiences to provide a comprehensive education. In addition to scientific and technical knowledge, the curriculum emphasizes soft skills development, such as leadership, communication, and problem-solving, as well as foreign languages to support global mobility and collaboration. These elements prepare students to tackle real-world challenges and adapt to complex professional environments.

Year 1 – Foundation

COMMON CORE

Spanning the first **three semesters**, our Common Core provides a solid foundation in mathematics, physics, programming, and engineering fundamentals, along with **soft skills**. It equips students with essential **analytical** and **problem-solving** skills to tackle complex challenges.

Through **project-based learning** and **collaborative work**, students gain practical experience while building **teamwork** and **leadership** abilities. By the end of this phase, they are ready to **select a major** and specialization aligned with their goals.

Year 2 – Direction



MECHANICAL
ENGINEERING



ELECTRICAL
ENGINEERING



CHEMICAL &
MATERIAL
ENGINEERING



ENVIRONMENTAL
ENGINEERING



APPLIED
MATHEMATICS &
BUSINESS

Year 3 – Focus

Year 4 – Synthesis

Students may choose one of the following options;

- ▶ Industry Immersion Year
- ▶ Research Immersion Year
- ▶ Exchange Program / Double Degree
- ▶ 1ST Year of UM6P Master

BUILD YOUR PATH TO SUCCESS

MECHANICAL ENGINEERING

The B.Sc. in Mechanical Engineering equips students with the expertise to design, optimize, and manage advanced mechanical systems for a wide range of industries. This program emphasizes smart technologies, automation, and renewable solutions, preparing graduates to lead innovation in the modern industrial landscape.

Concentrations: Robotics & Automation, Digital Manufacturing Systems, Renewable Energy Systems.

ELECTRICAL ENGINEERING

The B.Sc. in Electrical Engineering prepares students to design and manage intelligent systems and infrastructures that power the digital economy. The program blends electronics, data science, and energy systems to create solutions for tomorrow's technological challenges.

Concentrations: AI & Data Systems, Energy Systems & Integration, Digital Twin & Automation.

CHEMICAL & MATERIAL ENGINEERING

The B.Sc. in Chemical & Material Engineering provides students with the skills to develop sustainable chemical processes, innovative materials, and synthetic fuels. The program emphasizes industrial sustainability, catalysis, and advanced materials technology.

Concentrations: Industrial Process Chemistry, Catalysis & Synthetic Fuels, Advanced Materials.

ENVIRONMENTAL ENGINEERING

The B.Sc. in Environmental Engineering trains students to develop solutions that address environmental challenges, including water management, climate change, and sustainable agriculture. The program promotes eco-innovation and responsible resource management.

Concentrations: Water Resource Management, Climate & Sustainability, Agricultural Systems.

APPLIED MATHEMATICS & BUSINESS

The B.Sc. in Applied Mathematics & Business combines advanced mathematical methods with business strategy to address complex challenges in finance, economics, and operations. This program equips students with the analytical and decision-making skills needed in today's data-driven world.

Concentrations: Financial Engineering, Public Financial Management, Business Economics, Social & Political Analysis, Operations Management.



YOUR FUTURE STARTS HERE

Our program combines applied sciences, cutting-edge technologies, and business strategy to equip students with the tools to address the complex challenges of tomorrow's world. Through a comprehensive, interdisciplinary education, graduates develop technical, analytical, and managerial expertise, preparing them for both high-impact careers and advanced studies. Through strategic partnerships with global academic and industrial institutions, the program ensures students access a wide range of career paths and advanced academic opportunities. This dual emphasis on professional preparation and academic excellence positions graduates for success in shaping the future of innovation and sustainability.

CAREER OPPORTUNITIES

The program trains graduates for key roles across various strategic sectors, thanks to practical experience and close partnerships with industry leaders. Below are some of the potential career paths:

- ▶ **Mining and Extraction:** Fleet management specialists, robotic maintenance engineers, digital twin architects, and experts in energy optimization.
- ▶ **Manufacturing and Industry 4.0:** Engineers in smart equipment control, quality analysts, digital twin architects for industrial systems, and specialists in applied artificial intelligence.
- ▶ **Resource and Environmental Management:** Water resource analysts, desalination and energy storage engineers, and experts in green technologies and sustainable solutions.
- ▶ **Smart Agriculture:** Precision agriculture specialists, innovation lab managers, and experts in soil regeneration and sustainable farming practices.
- ▶ **Innovative Technologies and Materials:** Battery materials scientists, engineers in catalysis and synthetic fuels, and experts in carbon capture and photovoltaic technologies.
- ▶ **Finance and Risk Management:** Quantitative analysts, risk managers, financial modeling consultants, and experts in economic system optimization.
- ▶ **Strategy and Consulting:** Strategy and digital transformation consultants, logistics analysts, and managers of complex projects.
- ▶ **Data Analysis and Artificial Intelligence:** Data analysts, data scientists, AI specialists, and predictive analytics experts.



OPPORTUNITIES FOR FURTHER STUDIES

The program also provides a strong foundation for students who wish to continue their education in graduate programs, including:

- ▶ **Master's Degrees** in areas such as artificial intelligence, resource management, and advanced materials.
- ▶ **Engineering Schools**, thanks to the program's robust foundation in applied sciences and mathematics.
- ▶ **International Research or Higher Education Programs**, offering further specialization and expertise development.



KEY COMPETENCIES FOR YOUR SUCCESS

This program equips graduates with essential skills and values to excel in a rapidly changing world. These competencies are structured around four core dimensions to ensure a well-rounded, future-ready leadership profile.

LEAD SELF

Develop self-awareness, critical thinking, and a mindset of continuous growth to navigate challenges and succeed in a dynamic global environment.

- ▶ **Critical Thinking and Reflexivity:** Analyze situations with depth, objectivity, and the ability to reflect and adapt.
- ▶ **Creativity and Curiosity:** Explore innovative ideas to develop original and effective solutions to complex problems.
- ▶ **Responsibility and Ownership:** Take accountability for decisions with integrity and commitment to high standards.
- ▶ **Lifelong Learning:** Embrace continuous learning to stay relevant and thrive in an ever-evolving world.
- ▶ **Resilience and Courage:** Face challenges with perseverance, determination, and the confidence to take bold steps.
- ▶ **Humility and Ethics:** Make thoughtful, ethical decisions that reflect strong moral principles.

LEAD WITH TECHNOLOGY

Harness technological innovation by mastering digital tools and developing a forward-thinking, tech-savvy mindset.

- ▶ **Digital Literacy:** Understand and proficiently use modern digital tools and platforms to create value.
- ▶ **Digital Mindset:** Adopt a mindset that embraces digital transformation and innovation in all aspects of work.
- ▶ **Technical Excellence (Craftsmanship):** Commit to precision, high-quality work, and technological innovation to drive impactful solutions.

LEAD OTHERS

Strengthen your ability to collaborate, communicate, and lead diverse teams effectively in complex social and organizational environments.

- ▶ **Teamwork and Solidarity:** Collaborate harmoniously in diverse settings, fostering mutual support and shared success.
- ▶ **Communication and Assertiveness:** Express ideas clearly, confidently, and persuasively to inspire and lead others.
- ▶ **Valuing Diversity:** Respect and integrate multicultural perspectives to enhance creativity and problem-solving.
- ▶ **Empathy and Compassion:** Promote a culture of cooperation, understanding, and respect for others' needs and viewpoints.

LEAD BUSINESS

Make strategic decisions that balance progress, sustainability, and global responsibility by mastering problem-solving and leadership in business environments.

- ▶ **Environmental and Social Responsibility:** Make decisions that promote sustainable development and ecological preservation.
- ▶ **Structured Problem Solving:** Apply methodical approaches to navigate and resolve complex issues.
- ▶ **Smart Risk-Taking:** Evaluate risks and opportunities with sound judgment to drive innovation and success.
- ▶ **Global Vision, Local Impact:** Connect global trends and challenges to local realities, creating tailored and effective solutions.



KEY ADVANTAGES OF THE PROGRAM

Our program provides a unique learning experience, combining innovative teaching methods, industry immersion, and global exposure to prepare students for impactful careers and lifelong success.

INNOVATIVE PEDAGOGIES

We use modern, learner-centered methods that foster autonomy and active engagement. Students are encouraged to apply their knowledge in real-world scenarios through:

- ▶ **Problem-based and Project-based Learning:** Tackle real challenges through hands-on projects and case studies.
- ▶ **Flipped Classrooms:** Access theoretical content in advance, leaving class time for interactive discussions and practical applications.
- ▶ **Simulation and Virtual Reality:** Engage with immersive simulations that replicate complex environments.
- ▶ **Collaborative Learning:** Participate in peer-to-peer and team-based learning to develop teamwork and leadership skills.

HYBRID AND FLEXIBLE LEARNING

Students can tailor their learning experience through:

- ▶ In-person courses, online modules, and work-based learning for maximum flexibility.
- ▶ A curriculum that adapts to individual goals, balancing theory, practice, and professional immersion.

PROFESSIONAL IMMERSION

Students benefit from strong industry partnerships with global leaders like OCP, offering:

- ▶ Real-world internships and applied projects.
- ▶ Opportunities for gap years to gain industry experience and develop practical skills.
- ▶ Mentorship and networking with industry experts to enhance career readiness.

STATE-OF-THE-ART INFRASTRUCTURE

The program offers access to world-class facilities:

- ▶ Living labs, digital twin platforms, and advanced research centers that enable real-time experimentation.

- ▶ Cutting-edge technologies designed to facilitate hands-on learning and innovation.

EXPERT FACULTY

Learn from a distinguished faculty of professors and researchers with:

- ▶ Experience at prestigious global institutions.
- ▶ Expertise spanning both academic research and industry innovation.
- ▶ Mentorship and guidance to help students achieve their academic and career goals.

INTERNATIONAL EXPERIENCE

Our program provides global exposure through:

- ▶ Collaborations with partner institutions worldwide, offering exchange programs, joint research, and multicultural learning experiences.
- ▶ Access to international mobility opportunities that broaden students' academic and professional perspectives.

GLOBAL PARTNERSHIPS

Students benefit from a global network of universities and organizations, providing:

- ▶ Opportunities for collaborative research and academic exchange.
- ▶ Access to international resources and expertise to support career development and further studies.

PROFESSIONAL CERTIFICATIONS

Students can earn industry-recognized certifications in collaboration with renowned organizations across various industries, providing them with a competitive advantage in the job market. These certifications validate specialized skills in high-demand areas such as automation, data science, cloud computing, and chemical processes.



WICKED PROBLEMS FOR A BETTER WORLD

At UM6P, we believe education goes beyond the acquisition of knowledge. It is about using that knowledge to solve some of the world's most pressing and interconnected challenges. Our Wicked Problems (WiP) framework is designed to immerse students in transformative, interdisciplinary projects, empowering them to become leaders of change through critical thinking, innovation, and collaboration.

Through this framework, UM6P provides students with a transformative educational experience, empowering them to become change-makers capable of tackling global challenges and shaping a better world.

CORE PRINCIPLES

- ▶ **Systems Thinking:** Students learn to analyze and address complex, interconnected systems—whether economic, environmental, or technological.
- ▶ **Mathematics as a Universal Tool:** Mathematical frameworks serve as a foundational language to model, analyze, and solve intricate challenges.
- ▶ **Interdisciplinary Integration:** Solutions require collaboration across multiple fields, including engineering, social sciences, and environmental studies.
- ▶ **Sustainability and Ethics:** The framework emphasizes socially equitable, environmentally sustainable, and ethically sound approaches to problem-solving.
- ▶ **Action-Oriented Learning:** Students engage in hands-on projects, simulations, and real-world prototyping to test and refine their solutions.

FRAMEWORK HIGHLIGHTS

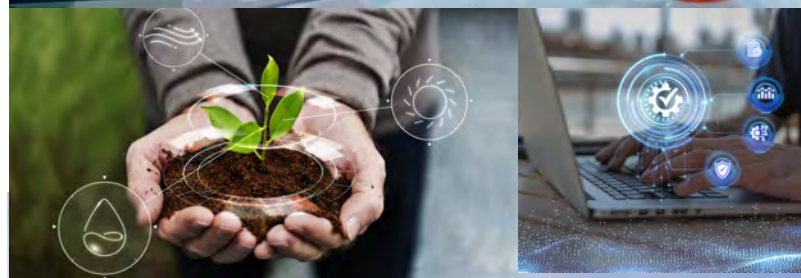
- ▶ Each WiP initiative bridges multiple domains, including technology, social sciences, and environmental studies, promoting cross-disciplinary collaboration to tackle complex problems.
- ▶ Students cultivate adaptive communication, structured problem-solving, and leadership skills, preparing them for uncertain and dynamic global challenges.
- ▶ Local and Global Impact: The framework focuses on key issues relevant to Morocco and Africa, such as water scarcity, climate resilience, and sustainable urban planning.

STRUCTURE

- ▶ Duration: Two years.
- ▶ Integrated use of AI tools, digital twins, and automation to enhance the problem-solving process.

EXAMPLES

- ▶ Sustainable solutions for urban resilience and food security in the face of climate change.
- ▶ Smart energy systems for climate-adaptive urban environments.
- ▶ Water management strategies for semi-arid regions.
- ▶ Digital twins for sustainable urban infrastructure planning.



PROGRAM CURRICULUM

YEAR 1

- ▶ Real Analysis, Linear Algebra, Probability
- ▶ Physics, Chemistry, Biology
- ▶ Introduction to Computing, Data-Structures with Python
- ▶ Principles of Engineering Systems
- ▶ Critical Thinking and Problem Solving
- ▶ Microeconomics, Macroeconomics
- ▶ Writing, Communication, Ethics
- ▶ Leadership, Follow-ship and Teamwork
- ▶ Masterpieces of Philosophy & Literature

YEAR 2

- ▶ Multivariate Calculus, Introduction to Optimization, Predictive Analytics, Mathematical Modeling, Statistics, Optimization & Decision Models
- ▶ Corporate Finance & Accounting
- ▶ Masterpieces of Art & Music
- ▶ Entrepreneurship & Managing Technological Innovation, Global Thoughts
- ▶ **Mechanical Engineering** : Introduction to Robotics and Automation, Energy Systems & Renewable Tech, Smart Manufacturing & Industry 4.0, Mechanical Systems Design
- ▶ **Electrical Engineering** : Introduction to Digital Systems, Foundations of Machine Learning, IoT for Industrial Applications, Energy Systems & Power Electronics
- ▶ **Chemical & Material Engineering** : Introduction to Industrial Process Chemistry, Materials Science and Engineering, Sustainable Process Design, Catalysis and Reaction Mechanisms
- ▶ **Environmental Engineering** : Introduction to Water Resource Management, Climate Change & Carbon Management, Environmental Monitoring and Sensing, Resilient Infrastructure Design
- ▶ **Applied Mathematics & Business** : Applied Optimization, Probability Models for Decision Making, Mathematical Economics, Fundamentals of Actuarial Mathematics

YEAR 3

- ▶ Stochastic Processes, Dynamical Systems with Applications, Simulation, Applied Machine Learning
- ▶ History of Science and Technology, Philosophy of Science and Technology
- ▶ Sociology of Work and Organizations, Sustainability & Corporate Social Responsibility, Industrial Organization Psychology, Negotiation and Conflict Resolution
- ▶ **Mechanical Engineering** : Advanced Robotics, Sustainable Manufacturing, Energy Conversion Systems, Predictive Maintenance Technologies, Digital Twin Systems, Advanced Mechatronics,
- ▶ **Electrical Engineering** : Industrial AI and Deep Learning, Power Electronics for Renewable Energy, Embedded Systems Design, IoT and Sensor Networks, Control Systems Engineering, Digital Twin Applications,

- ▶ **Chemical & Material Engineering** : Reaction Engineering, Advanced Materials for Energy, Process Safety and Risk Management, Industrial Waste Valorization, Catalysis and Green Chemistry, Hydrogen and Ammonia Synthesis,
- ▶ **Environmental Engineering** : Advanced Water Treatment, Climate Resilient Infrastructure, Carbon Capture and Utilization, Environmental Impact Modeling, Sustainable Agriculture Systems, Resource Management and Efficiency,
- ▶ **Applied Mathematics & Business** : Game Theory, Financial Markets & Derivatives, Actuarial Mathematics, Advanced Financial Mathematics, Econometrics, Logistics & Supply Chain Management, Public Finance, Sociology of Digital Societies, Social & Political Sciences, ...

YEAR 4

- ▶ Capstone Project
- ▶ **Mechanical Engineering** : Advanced Robotics, Control Systems for Robotics, Perception and Machine Vision, Autonomous Systems Design, Smart Manufacturing & Industry 4.0, Additive Manufacturing and 3D Printing, Predictive Maintenance & Diagnostics, Simulation & Optimization Manufacturing, Energy Systems Design, Thermal Energy Systems, Renewable Energy Technologies, Sustainable Mechanical Systems,
- ▶ **Electrical Engineering** : Advanced Machine Learning, Big Data Analytics, AI for Process Optimization, Computer Vision & Perception, Power Electronics for Renewable Energy, Smart Grid Systems, Energy Storage Systems, Electrification & Sustainable Energy, Digital Twin Design & Simulation, Industrial IoT & Connectivity, Control Systems Engineering, Predictive Maintenance with Digital Twins,
- ▶ **Chemical & Material Engineering** : Advanced Reaction Engineering, Process Simulation and Modeling, Industrial Byproduct Valorization, Process Safety and Risk Management, Catalysis Fundamentals, Synthetic Fuels and Energy Conversion, Hydrogen and Ammonia Synthesis, Catalyst Development and Characterization, Materials Science and Engineering, Materials for Energy Applications, Photovoltaics and Solar Materials, Nanomaterials and Nanotechnology,
- ▶ **Environmental Engineering** : Advanced Water Treatment Systems, Hydrology and Reservoir Engineering, Integrated Water Resource Management, Climate-Resilient Water Systems, Climate Change Mitigation Strategies, Carbon Capture and Utilization, Life Cycle Assessment, Green Technology Innovation, Precision Agriculture Technologies, Sustainable Farming Practices, Agrochemical Development and Applications, Agroforestry and Soil Management,
- ▶ **Applied Mathematics & Business** : Advanced Real Analysis, Complex Analysis, Partial Differential Equations, Optimal Control, Functional Analysis, Inverse Problems, Advanced Numerical Linear Algebra, Computational Bayesian Inference, Machine Learning for Signal & Image Processing, Deep Learning & Generative Models, Deep Reinforcement Learning, Stochastic Differential Equations, AI for Process Optimization, Data-Driven & Model Order Reduction, ...

ADVANTAGES OF OUR CAMPUS



Spanning over 100 hectares, the UM6P Rabat & Benguerir campuses offer modern, fully equipped infrastructure designed to meet the highest standards for teaching and research. Our students benefit from a stimulating environment that supports both academic success and personal development.

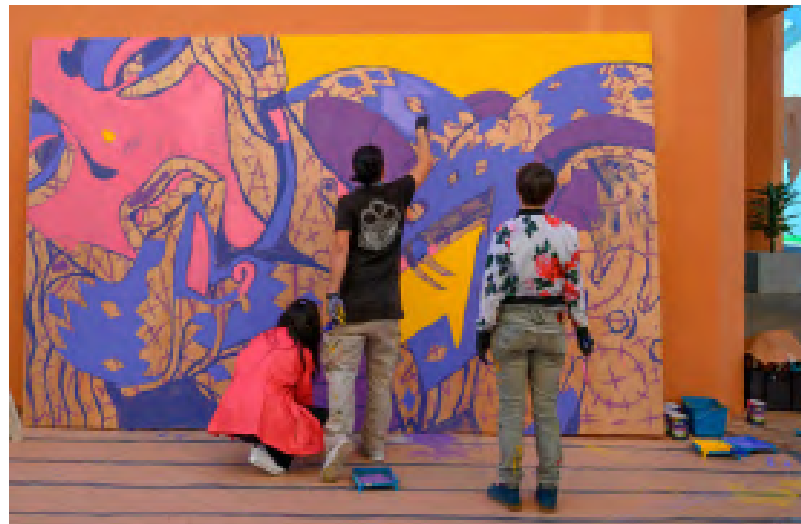
The campus provides everything needed for a well-rounded student life:

- ▶ Secure residences designed for comfort and community living.
- ▶ A sports complex covering 3 hectares, offering a wide range of athletic facilities to promote health and well-being.
- ▶ A library housing over 30,000 resources, including books, journals, and digital access to academic databases.
- ▶ Dining areas and social spaces where students can relax, connect, and exchange ideas.

To ensure students' well-being, we have a dedicated Health Center available to provide support and address medical needs.

UM6P is committed to fostering student initiatives through extracurricular projects that promote entrepreneurship, community engagement, cultural activities, and leadership development. These projects allow students to expand their horizons, apply their knowledge in real-world contexts, and build valuable networks.

Through this dynamic ecosystem, students enrich their academic experience while also developing life skills that prepare them for both professional success and personal fulfillment. The UM6P campus is designed to inspire innovation, collaboration, and holistic growth, ensuring that each student thrives during their time here.



WHY CHOOSE A BACHELOR OF SCIENCE?

In a world defined by rapid transformation and complex challenges, earning a Bachelor of Science (B.Sc.) places you at the forefront of innovation and global problem-solving. This degree equips you with the tools and mindset to create impactful solutions, excel in diverse industries, and shape a sustainable future.

PERSONALIZED LEARNING PATH

The program offers flexibility through a variety of majors and concentrations, allowing you to tailor your academic journey to your interests and career ambitions. Whether your focus is engineering, business, or environmental sustainability, you can design a curriculum that matches your goals.

INTERDISCIPLINARY EDUCATION

You will gain a well-rounded education that balances applied sciences, advanced technologies, and management principles. This combination prepares you to adapt and excel in strategic sectors such as technology, industry, and business.

INNOVATION AND IMPACT

Our program encourages you to push the boundaries of innovation. Through hands-on projects and collaboration with industry leaders, you'll develop creative solutions to real-world challenges, transforming obstacles into opportunities for growth.

DIVERSE CAREER OPPORTUNITIES

A B.Sc. opens doors to varied career paths across numerous industries, including technology, energy, manufacturing, finance, and more. It also provides a strong foundation for advanced studies in master's programs or prestigious engineering schools.

GLOBAL EXPOSURE

The program offers international collaborations with renowned academic and industry partners, providing opportunities for global learning experiences, research projects, and professional networking.

INTERNATIONAL MOBILITY AND DOUBLE DEGREE OPPORTUNITIES

At UM6P, we offer students the chance to broaden their horizons through international mobility programs and double degree opportunities with prestigious partner institutions worldwide. These programs provide immersive academic and cultural experiences, allowing students to study abroad, engage in research collaborations, and build global networks. The double degree program enables students to earn degrees from both UM6P and a partner university, enhancing their qualifications and employability on a global scale. These opportunities prepare graduates to navigate complex, multicultural environments, equipping them with diverse perspectives, adaptability, and the skills to tackle global challenges.

By choosing this Bachelor of Science program, you will join a vibrant, forward-thinking community committed to shaping the future through innovation and leadership.

INTERNATIONAL RECOGNITION

Your B.Sc. degree is globally recognized, enhancing your credibility and employability with universities, employers, and professional organizations worldwide.



Start your journey today – your future begins here.

Ready to Join Us? Here's How!

ELIGIBILITY REQUIREMENTS

To apply, you must hold a scientific or technological high school diploma (Baccalauréat) or an equivalent qualification.

REQUIRED DOCUMENTS*

- ▶ Two passport-sized photos
- ▶ Academic transcripts
- ▶ Copy of diplomas or graduation certificates
- ▶ Copy of your national identity card (C.I.N.) or passport

SELECTION PROCESS

- ▶ Application Review
- ▶ Online Assessments: Psychometric & SAT-like tests
- ▶ Online oral interview, followed by on-campus interviews

TUITION FEES

- ▶ Registration Fee: 5 000 MAD
- ▶ Annual Tuition: 75 000 MAD

SCHOLARSHIPS

UM6P is committed to supporting students through an attractive scholarship program covering both tuition and living expenses. We encourage you to reach out for more information on available opportunities.

APPLY NOW!

You can submit your application online at um6p.ma/admissions or contact us by email at admission@um6p.ma. For any additional questions, feel free to reach out to our admissions team!

ADMISSION TIMELINE

- ▶ **May:** Deadline for application submission
- ▶ **May:** Start of psychometric testing
- ▶ **May:** Start of Online SAT-style testing and interviews
- ▶ **July:** On-campus interviews and completion of SAT and psychometric tests
- ▶ **July – August:** Notification of admission results and submission of scholarship applications
- ▶ **August:** Summer School for skills enhancement in mathematics and English
- ▶ **September – Early October:** Start of academic courses



Duration
4 years



Location
UM6P Rabat
UM6P Benguerir



Language
English



Diploma
Accredited *Licence*, and
Bachelor UM6P
Double Degree

* Original documents or certified copies will be required at the time of final enrollment.



SCHOOL OF
APPLIED SCIENCES
& ENGINEERING



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