



**GLOBALTECH
FLORIDA
UNIVERSITY**



**UNIVERSITY CATALOG
2025 - 2026**

Contents

Message From Our General Manager of the Advisory Board	6
Message From Our President	7
General Information	8
<i>Our Mission</i>	8
<i>Our Vision</i>	8
<i>Our Values</i>	8
<i>Purpose</i>	8
<i>Legal Control</i>	8
<i>Facilities</i>	9
<i>Statement of Licensure</i>	9
<i>Academic Calendar</i>	9
<i>Instructional Semester</i>	10
<i>Language Of Delivery</i>	10
<i>Office Hours</i>	11
Financial Information	12
<i>Tuition</i>	12
<i>Fees</i>	12
<i>Cancellation & Refund Policy</i>	13
<i>Course & Program Cancellation</i>	13
Academic Information	14
<i>Associate of Science in Business Administration</i>	14
<i>Associate of Science in Computer Science</i>	15
<i>Bachelor of Science in Business Administration</i>	16
<i>Bachelor of Science in Marketing</i>	20
<i>Bachelor of Science in in Computer Science</i>	24
<i>Master of Business Administration</i>	28
<i>Master of Science in Marketing</i>	32
<i>Master of Science in Project Management</i>	35
<i>Master of Science in Educational Management</i>	37
<i>Admission Requirements</i>	40

<i>Registration</i>	42
<i>Orientation</i>	42
<i>Graduation Requirements</i>	42
<i>Definition of a Unit of Credit</i>	43
<i>Course Cancellation Policy</i>	43
<i>Course Withdrawal Policy</i>	44
<i>Withdrawal Policy</i>	44
<i>Make-Up Work Policy & Repeating Courses</i>	44
<i>Transfer of Credits</i>	45
<i>Advanced Placement</i>	45
Online Delivery	46
<i>Technology Requirements</i>	46
<i>Our Learning Management System</i>	46
<i>Course Content</i>	47
<i>Evaluations</i>	47
<i>Online Communication</i>	48
<i>Attendance And Class Schedule</i>	48
Student Services	49
<i>Academic Advising</i>	49
<i>Academic Counseling</i>	50
<i>Career Services</i>	51
<i>E-Library</i>	51
<i>Online Technical Assistance</i>	52
<i>Leave Of Absence</i>	53
Satisfactory Academic Progress	54
<i>Grading System</i>	54
<i>Standards of Satisfactory Academic Progress</i>	55
<i>Satisfactory Academic Progress</i>	56
<i>Grades and Transcripts</i>	58
Policies And Procedures	60
<i>Academic Warning or Probation</i>	60
<i>Suspension & Dismissal</i>	61
<i>Appeals Process</i>	61

<i>Student Conduct Policy</i>	62
<i>Penalties for Misconduct</i>	63
<i>Grievance Policy</i>	64
<i>Policy Modifications</i>	66
<i>Non-Discrimination</i>	66
<i>Anti-Hazing Policy</i>	66
<i>Emergency Closure Policy</i>	67
Course Descriptions	68
Undergraduate General Education Course Descriptions	68
General Education Courses	68
<i>Associate of Science in Business Administration</i>	69
Required Core Courses	69
<i>Associate of Science in Computer Science</i>	71
Required Core Courses	71
<i>Bachelor of Science in Business Administration</i>	73
Required Core Courses	73
Major in Strategic Business Intelligence and Innovation	76
Major in Global Trade	77
Major in Strategic Financial Management and Fintech	78
Major in Agile People Management and Organizational Innovation	79
Major in International and Digital Business	79
<i>Bachelor of Science in Marketing</i>	80
Required Core Courses	80
Major in Strategic Marketing and Digital Commerce	83
Major in Digital Marketing, Branding & Multimedia Communication	84
Major in Brand Experience and Public Relations Management	85
Major in Digital Content Creation and Immersive Media Marketing	86
<i>Bachelor of Science in Computer Science</i>	87
Required Core Courses	87
Major in Infrastructure and Security	90
Major in Intelligent Systems and Data Science	91
Major in Internet of Things and Embedded Systems	92
Major in DevSecOps and Cloud-Based Software Engineering	93

<i>Master of Business Administration</i>	94
Required Core Courses	94
Major in Strategic Sales and Customer Relationship Management	96
Major in Advanced Analytics and Artificial Intelligence for Business	97
Major in Quality and Process Management	98
Major in Strategic Financial Management and Fintech	98
Major in Global Supply Chain and Logistics Management	99
Major in Strategic Healthcare Management	100
<i>Master of Science in Marketing</i>	101
Required Core Courses	101
Major in Consumer Neuroscience and Sensory Marketing	103
Major in Strategic Marketing and Business Development	103
Major in Branding and Transmedia	104
<i>Master of Science in Project Management</i>	105
Required Core Courses	105
Major in Product Innovation and Development	106
Major in Program and Portfolio Management	106
Major in Procurement and Contract Management	107
<i>Master of Science in Educational Management</i>	108
Required Core Courses	108
Major in Instructional Design and Digital Innovation in Virtual Learning Environments	109
Major in Educational Leadership and Strategic Management	109
Advisory Board	111
Staff & Faculty	111
<i>Staff</i>	111
<i>Faculty</i>	111

Message From Our General Manager of the Advisory Board

GLOBALTECH FLORIDA UNIVERSITY was born with a clear mission: to educate global citizens capable of leading with vision, knowledge, and responsibility in a constantly evolving world. Inspired by the academic legacy of our founders and projected toward the future, we have envisioned an institution of higher education that transcends borders, integrates cultures, and transforms realities through technology.

Our university represents the natural evolution of a decades-long commitment to excellence, innovation, and service to society. In a hyperconnected world, education can no longer be local; it must be universal, accessible, relevant, and deeply human. From Florida to the world, we offer an academic platform that combines the best of critical thinking, emerging technologies, and applied knowledge.

We invite students, faculty, researchers, and strategic partners to be part of this global project, where learning becomes a bridge between the present and the future. **GLOBALTECH FLORIDA UNIVERSITY** is more than a university: it is a community of leaders in the making, a meeting point for transformative ideas, and a new voice in the international concert of higher education.

Carlos Ortega Maldonado, PhD

Message From Our President

At **GLOBALTECH FLORIDA UNIVERSITY**, we believe that 21st-century education demands new models, new tools, and above all, a new mindset. That's why we have created a 100% online university, designed from the ground up to address the real challenges of today's world with innovative, agile, and high-impact solutions.

Our commitment to academic quality is non-negotiable. Every program, every learning experience, and every interaction with our students has been developed under the most rigorous international standards. We invest in a global faculty, constantly updated content, and cutting-edge technological platforms that foster active, collaborative, and personalized learning. Innovation is not just a part of our model—it's in our DNA.

We incorporate artificial intelligence, data analytics, simulators, immersive environments, and disruptive methodologies to ensure a dynamic, effective education that prepares our students for the future. Our goal is clear: to be a university that not only adapts to change but leads it. An institution that inspires, connects, and transforms. Welcome to **GLOBALTECH FLORIDA UNIVERSITY**, where technology drives knowledge and excellence lights our path.

Juan Pablo Ortega, PhD

General Information

Our Mission

To shape global leaders through innovative and excellent education that combines advanced technology with a human-centered approach. **GLOBALTECH FLORIDA UNIVERSITY** contributes to the sustainable development of local and international communities through teaching, applied research, and cross-border collaboration.

Our Vision

To be the leading digital university, recognized for its global impact, disruptive methodologies, and its ability to transform lives and organizations through knowledge, technology, and cultural connection.

Our Values

1. **Continuous Innovation:** We anticipate change with creativity, agility, and a digital mindset.
2. **Academic Excellence:** We raise the quality standards in every program, course, and learning experience.
3. **Global Responsibility:** We promote conscious, ethical citizenship committed to the world.
4. **Diversity and Inclusion:** We foster environments where every voice matters and borders fade.
5. **Lifelong Learning:** We believe in education as a never-ending journey, driven by curiosity and technology.
6. **Transnational Collaboration:** We connect people, cultures, and ideas to build shared solutions.

Purpose

To empower people from all around the world with accessible, transformative higher education deeply connected to the challenges of the 21st century. Our purpose is to shape critical minds and committed hearts who lead with technology, integrity, and global vision.

Legal Control

GLOBALTECH FLORIDA UNIVERSITY is a fictitious name owned by **GLOBALTECH FLORIDA UNIVERSITY, LLC**, a registered for-profit limited liability company with the Florida Secretary of State. **Juan Pablo Ortega Santos** serves as **Chairman of the corporate board and Manager**, overseeing the institution's comprehensive operational, financial, and academic management. The company operates under a manager-managed structure where the Chairman exercises complete administrative authority over all institutional operations, including educational programs, regulatory compliance, and strategic direction. The management structure ensures unified command and control under the Chairman's leadership, with all corporate governance functions operating within the defined scope of authority established by the Operating Agreement and Florida Limited Liability Company Act.

Facilities

GLOBALTECH FLORIDA UNIVERSITY is located at **20801 Biscayne Boulevard, Ste 403, Of. 437. Aventura, Florida. 33180. Telephone No.: +1 305 395 59 33. Email: info@globaltechflorida.university. Website: www.globaltechflorida.university.** Our facility complies with all safety protocols, fire regulations, and sanitation standards, ensuring a secure and welcoming environment for employees and visitors alike. Fully accessible to individuals with disabilities, the space promotes inclusivity and convenience.

Covering 1,100 square feet, the premises feature an office, a meeting room, a boardroom, a break room, a reception area, restrooms, and ample free parking. These well-designed spaces support administrative operations, academic coordination, and provide a comfortable, efficient workspace for our team.

Statement of Licensure

GLOBALTECH FLORIDA UNIVERSITY is licensed by the Florida Commission for Independent Education, Florida Department of Education, License # **13387**. Additional information regarding this institution may be obtained by contacting the Commission at: 325 West Gaines St., Suite 1414 Tallahassee, FL, 32399-0400; Toll Free telephone number (888) 224-6684 (www.fldoe.org/cie).

Academic Calendar

Florida Global Tech University operates on a semester system, dividing the academic year into three 16-week semesters: Fall, Spring, and Summer. Each term is divided into four terms (A Term, B Term, C Term, and D Term). Programs are designed so that students can enroll at the beginning of any semester, giving them flexibility in their academic journey.

FALL 2025

Registration Period	08/01/2025	08/29/2025
Last day to add/drop classes	09/05/2025	
Semester Schedule	09/01/2025	12/21/2025
SAP Checkpoint - Term A	09/01/2025	09/28/2025
SAP Checkpoint - Term B	09/29/2025	10/26/2025
SAP Checkpoint - Term C	10/27/2025	11/23/2025
SAP Checkpoint - Term D	11/24/2025	12/21/2025

Observed Holidays

Labor Day September 01, 2025

Veterans Day November 11, 2025

Thanksgiving November 27 - 28, 2025

Fall Break: December 22, 2025 – January 04, 2026

SPRING 2026

Registration Period	12/01/2025	12/26/2025
Last day to add/drop classes	01/09/2026	
Semester Schedule	01/05/2026	04/26/2026
SAP Checkpoint - Term A	01/05/2026	02/01/2026
SAP Checkpoint - Term B	02/02/2026	03/01/2026
SAP Checkpoint - Term C	03/02/2026	03/29/2026
SAP Checkpoint - Term D	03/30/2026	04/26/2026

Observed Holidays

Martin Luther King Day January 19, 2026

President's Day February 16, 2026

Spring Break April 27, 2026 – May 03, 2026

SUMMER 2026

Registration Period	04/01/2026	04/30/2026
Last day to add/drop classes	05/08/2026	
Semester Schedule	05/04/2026	08/23/2026
SAP Checkpoint - Term A	05/04/2026	05/31/2026
SAP Checkpoint - Term B	06/01/2026	06/28/2026
SAP Checkpoint - Term C	06/29/2026	07/26/2026
SAP Checkpoint - Term D	07/27/2026	08/23/2026

Observed Holidays

Memorial Day May 25, 2026

Independence Day July 04, 2026

Summer Break: August 24 – August 30, 2026

Instructional Semester

- **Full-time student:** may take 9-12 credits per quarter.
- **Part-time student:** may take 3-6 credits per quarter.
- **Academic year:** begins July 1 and ends June 30.
- **Quarters:** There are four quarters, each with 12 weeks of instruction.
- **Quarter descriptions:** fall, winter, spring, and summer.
- **Drop/Add period:** occurs during the first week (7 days) of each quarter.

Language Of Delivery

GLOBALTECH FLORIDA UNIVERSITY programs are offered in Spanish and English.

COMPLETING A COURSE OR PROGRAM IN A LANGUAGE OTHER THAN ENGLISH MAY REDUCE EMPLOYMENT OPPORTUNITIES IN LOCATIONS WHERE ENGLISH IS A REQUIREMENT.

Office Hours

The administrative office of our university is open Monday through Friday, from 9:00 AM to 5:00 PM EST, to assist students with their needs. Additionally, students can reach out via email at any time, as we provide 24/7 email support for inquiries. For information on contacting professors, please refer to the "Online Communication" section in our catalog.

Financial Information

Tuition

Undergraduate Programs	Tuition/Credit	Program Cost
Associate of Science in Business Administration	\$150.00	\$9,000.00
Associate of Science in Computer Science	\$150.00	\$9,000.00
Bachelor of Science in Business Administration	\$150.00	\$18,000.00
Bachelor of Science in Marketing	\$150.00	\$18,000.00
Bachelor of Science in Information Technology	\$150.00	\$18,000.00

Graduate Programs	Tuition/Credit	Program Cost
Master of Business Administration	\$200.00	\$7,200.00
Master of Science in Marketing	\$200.00	\$7,200.00
Master of Science in Project Management	\$200.00	\$7,200.00
Master of Science in Educational Management	\$200.00	\$7,200.00

Fees

Fees	Cost
Application fee (non-refundable as per the refund policy)	\$150.00
Graduation Fee	\$250.00
Technology	\$ 20.00
Course Re-Entry (additional tuition fee may apply)	\$ 35.00
Returned Checks	\$ 35.00
Per Transfer Credit Accepted	\$100.00
Official Transcript (first one is free)	\$ 25.00
Library Fee	\$ 5.00
Late Payment Fee	\$ 35.00
Withdrawal Processing Fee	\$ 35.00

- Textbook(s) must be purchased by students separately and are not included in course tuition, a reasonable \$1,200 to \$1,700 for the graduate programs, and \$1,900.00 to 2,500.00 for the undergraduate programs.
- Students must allow two weeks for processing receipts which are requested to be sent by mail or fax.

- Types of Payment: Visa, MasterCard, Bank Wire, Check or PayPal.
- Tuition is subject to change.

PAYMENT OPTIONS

Students have the option to make payments as follows:

1. Full payment at time of signing enrollment agreement.
2. Application fee at the time of signing an enrollment agreement with balance paid prior to starting date.
3. Application fee at time of signing enrollment agreement with balance paid prior to graduation by a payment plan.

Cancellation & Refund Policy

If a student wishes to cancel their enrollment before or after the start of classes, they must notify the institution in person, by email, or via certified mail. The effective cancellation date will be based on the postmark date of the notification. The cancellation policy is outlined as follows:

1. **Notification Methods:** Students may cancel their enrollment in person, by email, by certified mail, on their last date of attendance, or upon the institution's receipt of their written notification.
2. **Full Refund:** A full refund will be issued if the institution does not accept the applicant or if the student cancels within five (5) business days of signing the enrollment agreement and making the initial payment.
3. **Partial Refund Before Classes Start:** If cancellation occurs after the fifth (5th) business day but before classes begin, all monies paid will be refunded except for the application fee, which will not exceed \$150.
4. **Drop/Add Period Refunds:** The drop/add period is defined as the first week of classes. If a student withdraws during this period, tuition and fees will be refunded, excluding the application fee. No refunds will be issued after the drop/add period ends.
5. **End Date Calculation:** The student's last effective date of attendance will determine the refund amount.
6. **Processing Time:** Refunds will be processed within 30 days of the student's cancellation or the receipt of their cancellation notice.

Course & Program Cancellation

If the university cancels a course or program in which a student is enrolled, the student may choose to either register for an alternative course or receive a full refund of tuition and any associated fees.

Academic Information

Associate of Science in Business Administration

PROGRAM DESCRIPTION

The Associate of Science in Business Administration is an introductory academic program that provides students with a solid foundation in fundamental business principles and practices. Through a combination of theoretical learning and practical applications, students develop the critical thinking, effective communication, and problem-solving skills necessary for success in the business world. The program also emphasizes ethical decision-making and adaptability, preparing graduates for entry-level positions in various industries or for further training in business-related fields.

PROGRAM OBJECTIVE

Associate Degree graduates are able to:

1. **Provide foundational knowledge** of core business disciplines, including management, marketing, finance, accounting, and economics.
2. **Develop essential skills** in critical thinking, problem-solving, and effective communication to support sound business decision-making.
3. **Foster an understanding** of ethical standards, professional responsibility, and the role of business in society.
4. **Enhance practical competencies** in the use of digital tools and technologies commonly applied in modern business environments.
5. **Prepare students** for entry-level employment opportunities in business-related fields or for continued academic study in bachelor's degree programs.
6. **Encourage adaptability and teamwork**, promoting the ability to work collaboratively in diverse and dynamic professional settings.

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED GENERAL EDUCATION COURSES		
ENG210	English Composition I	3
ALG210	College Algebra	3
PSY210	Introduction to Psychology	3
ENV210	Environmental Science	3
STA210	Applied Probability and Statistics	3
Sub - Total		15
REQUIRED CORE COURSES		
EMT310	Emerging and Disruptive Technologies	3

ECO310	Microeconomic Analysis	3
ECO320	Macroeconomic Analysis	3
BUS310	Business Economics	3
FIN320	Financial Management	3
ACC310	Managerial Accounting	3
MAN310	Process Management	3
LEI310	Leadership, Entrepreneurship, and Innovation	3
BUS320	Business Development	3
BUS330	Decision Making Analysis	3
MKT310	Market Strategies	3
BUS340	Business Intelligence	3
PRO310	Project Management	3
FIN330	International Finance	3
MAN320	Strategic Management	3
Sub - Total		45
Total		60

Associate of Science in Computer Science

PROGRAM DESCRIPTION

The Associate of Science in Computer Science provides a solid foundation in computer science, covering areas such as programming, data structures, algorithms, computer systems, databases, and software development. The program provides students with practical skills in problem-solving, software creation, and systems design, preparing them for entry-level positions in software development, IT support, and network administration. This degree serves as a foundation for further study or immediate entry into the technology industry.

PROGRAM OBJECTIVE

Associate Degree graduates are able to:

1. **Develop Foundational Knowledge:** Equip students with essential knowledge in computer programming, data structures, algorithms, and computer systems.
2. **Enhance Problem-Solving Skills:** Strengthen students' analytical and problem-solving abilities by applying theory to real-world software development and system design challenges.
3. **Prepare for Technical Careers:** Prepare students for entry-level roles in software development, IT support, and network administration.
4. **Introduce Emerging Technologies:** Expose students to the latest technologies such as artificial intelligence, machine learning, and cybersecurity.

5. **Encourage Lifelong Learning:** Cultivate a mindset of continuous learning, encouraging students to stay up-to-date with technological advancements and pursue further education or certifications in the field of computer science.

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED GENERAL EDUCATION COURSES		
ENG210	English Composition I	3
ALG210	College Algebra	3
PSY210	Introduction to Psychology	3
ENV210	Environmental Science	3
STA210	Applied Probability and Statistics	3
Sub - Total		15
REQUIRED CORE COURSES		
PRG310	Programming Fundamentals	3
ALG310	Linear Algebra	3
MAT310	Mathematical Logic and Structures	3
CAL310	Advanced Calculus	3
OBT310	Object-Oriented Programming	3
SYS310	Operating Systems and Network Management	3
DTB310	Fundamentals of Databases	3
EMT310	Emerging and Disruptive Technologies	3
ADZ310	Advanced Database Systems	3
BDM310	Big Data Mining	3
MLN310	Introduction to Machine Learning	3
CYB310	Cybersecurity and Ethical Hacking	3
PRG320	Introduction to Functional Programming	3
DSA310	Distributed Systems Architecture	3
LEI310	Leadership, Entrepreneurship, and Innovation	3
Sub - Total		45
Total		60

Bachelor of Science in Business Administration

PROGRAM DESCRIPTION

The Bachelor of Science in Business Administration provides students with a solid foundation in core business disciplines including finance, marketing, operations, strategy, and management. With a strong emphasis on real-world applications, global perspectives, and digital transformation, students gain analytical, leadership, and decision-making skills essential for succeeding in dynamic business environments. The program fosters entrepreneurial thinking, ethical responsibility, and strategic innovation, preparing graduates for a wide variety of leadership roles in corporate, nonprofit, and entrepreneurial settings.

The Bachelor of Science in Business Administration program offers five specialized majors:

Major in Strategic Business Intelligence and Innovation

This major prepares students to lead organizations in data-driven environments by integrating strategic analysis, innovation, and process optimization. Students develop the skills to identify business opportunities, enhance operations, and design sustainable business models that drive growth and competitiveness. With a focus on data-informed decision-making and digital transformation, graduates are equipped to create value, boost organizational efficiency, and lead innovative initiatives in fast-paced global markets.

Major in Global Trade

This major focuses on the strategic and operational dimensions of international business and trade. Students will explore topics such as global supply chains, international logistics, trade regulations, global finance, and cross-cultural negotiation. The curriculum prepares graduates to understand and navigate the complexities of international markets, trade agreements, and global economic trends, enabling them to manage and grow international business operations effectively.

Major in Strategic Financial Management and Fintech

This major bridges traditional financial management with the innovations of financial technology (Fintech). Students gain expertise in corporate finance, investment strategies, risk analysis, and financial planning, while also exploring emerging technologies such as blockchain, digital payments, robot-advisors, and AI in finance. Graduates are prepared to lead financial decision-making and digital transformation into finance-focused roles across industries.

Major in Agile People Management and Organizational Innovation

This major equips students with modern approaches to human resource management and organizational leadership in agile, adaptive, and innovative environments. Students explore talent acquisition, employee experience, team development, change management, and leadership in digital organizations. The program emphasizes collaborative cultures, organizational agility, and people-driven innovation to help graduates lead high-performance teams and transform organizational practices.

Major in International and Digital Business

This major prepares students to operate and lead in the global and digital economy. It covers global business strategy, digital entrepreneurship, e-commerce, international marketing, digital platforms, and virtual collaboration tools. Students learn how to scale businesses across borders and leverage digital technologies to create global impact. Graduates will be ready to innovate, manage remote teams, and develop competitive strategies in international and online markets.

PROGRAM OBJECTIVE

Graduates of the Bachelor's Degree are able to:

1. **Provide a strong foundation** in key business disciplines such as finance, marketing, operations, and management.
2. **Develop critical thinking and decision-making abilities** essential for effective leadership in dynamic business environments.
3. **Equip students with the skills to lead digital transformation** and leverage technology for business success.
4. **Promote global perspectives** by teaching strategies for managing international markets, trade, and cross-cultural challenges.
5. **Encourage ethical leadership and corporate responsibility**, emphasizing sustainable practices in business.
6. **Foster entrepreneurial thinking** to inspire innovative approaches to business and problem-solving.
7. **Prepare students for leadership roles** by developing their capacity to manage teams, processes, and business operations.
8. **Cultivate skills in strategic planning and analysis**, enabling students to drive business growth and competitive advantage.
9. **Develop communication and interpersonal skills**, essential for effective negotiation, management, and collaboration in business settings.
10. **Provide opportunities for hands-on learning** through internships, case studies, and real-world applications to bridge theory and practice.

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED GENERAL EDUCATION COURSES		
ENG210	English Composition I	3
ALG210	College Algebra	3
PSY210	Introduction to Psychology	3
ENV210	Environmental Science	3
COM210	Introduction to Communication	3
ENG220	English Composition II	3
STA210	Applied Probability and Statistics	3
PHI210	Introduction to Philosophy	3
COM220	Principles of Public Speaking	3
PSY220	Critical Thinking and Logic	3
Sub - Total		30
REQUIRED CORE COURSES		
PSY310	Personal and Professional Development	3
ETH310	Professional Ethics	3
EMT310	Emerging and Disruptive Technologies	3
ECO310	Microeconomic Analysis	3
ECO320	Macroeconomic Analysis	3

BUS310	Business Economics	3
ACC310	Managerial Accounting	3
FIN310	Principles of Financial Management	3
FIN320	Financial Management and Investment Analysis	3
ECO330	Economic Engineering	3
MAN310	Process Management	3
REM310	Research Methodology	3
LEI310	Leadership, Entrepreneurship, and Innovation	3
BUS320	Business Development	3
BUS330	Decision Making Analysis	3
MKT310	Market Strategies	3
BUS340	Business Intelligence	3
PRO310	Project Management	3
BUS350	Business Management	3
COM315	International Trade	3
FIN330	International Finance	3
MAN320	Strategic Management	3

Sub - Total 66

Major in Strategic Business Intelligence and Innovation

MKT410	Market Intelligence	3
BUS410	Business Analyst	3
BUS420	Strategic Decision Models	3
BUS430	Management Systems	3
MKT420	Strategic Marketing Management	3
BUS440	Quality Management	3
BUS450	Risk Management	3
BBA480	Capstone Written Project - Business Administration	3

Sub - Total 24

Major in Global Trade

INT410	Strategic Trade Management	3
INT420	International Logistics	3
INT430	Customs and Trade Regulations	3
INT440	Trade Analytics	3
MKT440	Global Marketing Strategies	3
INT450	Customs Processes Management	3
ECO460	E-commerce	3
BBA480	Capstone Written Project - Business Administration	3

Sub - Total 24

Major in Strategic Financial Management and Fintech

FIN410	Project Finance and Fintech	3
FIN420	Strategic Financial Management	3
FIN430	Risk Management in Finance	3
FIN440	Financial Engineering	3
FIN450	Financial Instruments and Portfolio Management	3
BUS460	Corporate Valuation	3
FIN470	Decision-Making with Financial Models	3
BBA480	Capstone Written Project - Business Administration	3

		Sub - Total	24
Major in Agile People Management and Organizational Innovation			
APM410	Agile Practices and Organizational Innovation		3
APM420	Organizational Transformation and Change Management		3
APM430	People Analytics and HR Technology		3
APM440	Behavior and Culture in Organizations		3
APM450	Leadership Skills and Team Management		3
APM460	Succession Planning and High-Performance Teams		3
APM470	Employer Branding		3
BBA480	Capstone Written Project - Business Administration		3
		Sub - Total	24
Major in International and Digital Business			
DBU410	Big Data in Business		3
DBU420	Global Communication Strategies		3
DBU430	Global Market Negotiations		3
FIN480	Finance for Business		3
BUS470	Global Business Strategy		3
CYB440	Cybersecurity in Digital Business		3
MKT490	Global Marketing		3
BBA480	Capstone Written Project - Business Administration		3
		Sub - Total	24
		Total	120

Bachelor of Science in Marketing

PROGRAM DESCRIPTION

This program equips students with a solid foundation in marketing principles, consumer behavior, market research, digital technologies, and business strategy. It prepares them to thrive in a dynamic and highly competitive global marketplace by integrating analytical thinking, creativity, and technological proficiency. Students learn to develop, manage, and evaluate marketing strategies across multiple platforms and channels, using data-driven insights and innovative communication approaches to drive customer engagement and business growth.

The program offers four specialized majors:

Major in Strategic Marketing and Digital Commerce

This major focuses on developing marketing strategies aligned with digital transformation and e-commerce dynamics. Students will explore omnichannel marketing, digital sales funnels, customer journey mapping, and online marketplace strategies. The curriculum includes tools for marketing automation, SEO/SEM, CRM systems, and performance analytics. Graduates will be equipped to lead digital

marketing campaigns and manage online business operations in both B2B and B2C contexts.

Major in Digital Marketing, Branding & Multimedia Communication

This major emphasizes the intersection of digital marketing, brand identity, and multimedia storytelling. Students will learn how to build and manage digital brands, design integrated marketing communication strategies, and create compelling multimedia content for digital platforms. The curriculum covers digital advertising, content marketing, video production, motion graphics, and brand communication in social media environments.

Major in Brand Experience and Public Relations Management

This major prepares students to design customer-centric experiences and manage a brand's reputation through strategic public relations. Topics include experiential marketing, event planning, stakeholder communication, crisis management, influencer relations, and media strategy. Students will develop skills to create emotionally engaging brand experiences and maintain positive public perception through integrated PR campaigns.

Major in Digital Content Creation and Immersive Media Marketing

This major focuses on the design and execution of digital content strategies using immersive technologies such as augmented reality (AR), virtual reality (VR), and interactive media. Students will explore content planning, transmedia storytelling, UX/UI design, and immersive customer engagement. The curriculum integrates the use of creative software tools and analytics platforms to produce innovative digital experiences that enhance brand value and customer loyalty.

PROGRAM OBJECTIVE

Graduates of the Bachelor's Degree are able to:

1. Establish a Strong Foundation in Marketing and Business Strategy

Provide students with essential knowledge in marketing principles, consumer behavior, digital tools, market research, and strategic business planning to support effective decision-making in competitive markets.

2. Develop Integrated Marketing and Communication Skills

Train students to design, implement, and assess multi-platform marketing strategies using a mix of digital, traditional, and experiential channels to engage customers and build brand value.

3. Promote Creativity and Technological Proficiency

Foster creative thinking and digital fluency, enabling students to produce impactful campaigns and content using modern technologies, multimedia tools, and data analytics platforms.

4. Prepare Students for Digital Transformation and E-Commerce Leadership

Equip graduates to manage digital commerce operations and online business models by mastering key concepts in SEO/SEM, CRM systems, marketing automation, customer journey optimization, and omnichannel strategies.

5. Advance Skills in Brand Development and Multimedia Storytelling

Empower students to create and manage compelling brand identities through storytelling, digital branding, video production, and integrated communication strategies that connect emotionally with audiences.

6. Cultivate Expertise in Brand Experience and Public Relations

Prepare students to design customer-centric brand experiences and manage public perception through effective PR strategies, crisis communication, stakeholder engagement, and influencer relations.

7. Explore Emerging Technologies and Immersive Media

Enable students to design and deliver innovative digital experiences using immersive media such as augmented reality (AR), virtual reality (VR), interactive content, and transmedia storytelling.

8. Encourage Data-Driven Marketing and Performance Analysis

Train students to apply data analytics and performance metrics to evaluate marketing effectiveness, understand customer behavior, and continuously optimize marketing strategies.

9. Promote Ethical and Sustainable Marketing Practices

Inspire students to integrate ethical standards, social responsibility, and sustainability into their marketing decisions, aligning brand actions with global values and consumer expectations.

10. Support Career Readiness in a Global Digital Economy

Prepare graduates to succeed in diverse marketing roles across industries, with the ability to lead campaigns, manage brand assets, and adapt to rapid changes in the global digital landscape.

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED GENERAL EDUCATION COURSES		
ENG210	English Composition I	3
ALG210	College Algebra	3
PSY210	Introduction to Psychology	3
ENV210	Environmental Science	3
COM210	Introduction to Communication	3
ENG220	English Composition II	3
STA210	Applied Probability and Statistics	3
PHI210	Introduction to Philosophy	3
COM220	Principles of Public Speaking	3

PSY220	Critical Thinking and Logic	3
Sub - Total		30

REQUIRED CORE COURSES

COM310	Media and Communication Basics	3
PSY310	Personal and Professional Development	3
COM320	Communication Planning and Strategy	3
COM330	Communication in Teams	3
COM340	Media Strategy and Audience Targeting	3
REM310	Research Methodology	3
ETH310	Professional Ethics	3
MAN320	Strategic Management	3
ACC310	Managerial Accounting	3
MKT330	Marketing Fundamentals	3
COM350	Public and Consumer Behavior	3
MKT410	Market Intelligence	3
BRA310	Brand Management	3
SAL310	Sales Management	3
ECO460	E-commerce	3
DIG310	Digital Trade and Platforms	3
DIG320	Fundamentals of Digital Design	3
DIG330	Advanced Visual Communication	3
EMT310	Emerging and Disruptive Technologies	3
LEI310	Leadership, Entrepreneurship, and Innovation	3
COM360	Visual Media Production	3
COM370	Professional and Strategic Writing	3
Sub - Total		66

Major in Strategic Marketing and Digital Commerce

MKT420	Strategic Marketing Management	3
MKT440	Global Marketing Strategies	3
MKT430	Market Insights and Neuromarketing	3
MKT450	Digital Campaign Strategies and Positioning	3
MKT460	Blended Marketing Strategies	3
BUS445	Pricing and Budgeting Strategies	3
MKT470	Retail Marketing and Merchandising	3
MKT480	Capstone Written Project - Marketing	3
Sub - Total		24

Major in Digital Marketing, Branding & Multimedia Communication

DIM410	Digital Marketing	3
DIM420	Crisis Management and Stakeholder Engagement	3
DIM430	Digital Presence and Search Engine Optimization	3
DIM440	Transmedia and Content Strategy	3
DIM450	Digital Storytelling and Multimedia Design	3
DIM460	User Experience (UX) Design and Research	3
DIM470	Digital Event Management	3
MKT480	Capstone Written Project - Marketing	3
Sub - Total		24

Major in Brand Experience and Public Relations Management

BEM410	Media Relations and Management	3
BEM420	Brand Storytelling	3
DIM420	Crisis Management and Stakeholder Engagement	3
BEM440	Event Planning and Brand Sponsorship	3
BEM450	Public Relations Campaigns and Strategies	3
BEM460	Public Relations Fundamentals	3
BEM470	Applied Creativity in Branding	3
MKT480	Capstone Written Project - Marketing	3
Sub - Total		24

Major in Digital Content Creation and Immersive Media Marketing

DIM440	Transmedia and Content Strategy	3
MEM420	3D Modeling and Animation Techniques	3
MEM430	Digital Compositing and Visual Effects	3
MEM440	Narrative Techniques in Digital Media	3
MEM450	Digital Content Production and Strategy	3
MEM460	Sound Design for Digital Media	3
MEM470	Screenwriting for Digital Media	3
MKT480	Capstone Written Project - Marketing	3
Sub - Total		24
Total		120

Bachelor of Science in in Computer Science

PROGRAM DESCRIPTION

The program prepares students to face the technological challenges of the 21st century through a comprehensive approach to the design, development, implementation, and maintenance of advanced computing systems.

This program combines foundational knowledge in programming, data structures, algorithms, software engineering, operating systems, databases, and networks with emerging areas such as artificial intelligence, cybersecurity, the Internet of Things (IoT), and DevSecOps.

Students develop technical, analytical, and creative skills to solve complex problems, design innovative solutions, and apply agile methodologies and security best practices in business and technological environments. Additionally, the program promotes critical thinking, interdisciplinary collaboration, and professional ethics, preparing graduates to lead large-scale technology projects in industries such as technology, finance, healthcare, manufacturing, and more.

The program offers four specialized majors:

Major in Infrastructure and Security:

Focused on preparing students to design, implement, and secure robust computing infrastructures. The concentration covers areas such as computer architecture, networks, operating systems, databases, cybersecurity, and digital forensics. Students

gain skills in algorithm analysis, data structures, software engineering, and emerging topics like intelligent systems and large-scale data processing. Upon completion, they will be equipped to create secure, efficient, and scalable digital environments.

Major in Intelligent Systems and Data Science:

Designed to prepare students to develop intelligent data-driven solutions by combining big data processing, intelligent systems, and machine learning. Students acquire the skills to extract insights from large datasets and create predictive models, enabling them to work at the intersection of artificial intelligence and data science to address complex problems across various industries.

Major in Internet of Things and Embedded Systems:

Focused on preparing students to design and develop embedded and IoT systems. The major emphasizes system programming, IoT security, standards and protocols, sensor design, and applied electronics. Students learn to create scalable and secure architectures for IoT solutions and complete capstone projects integrating these skills, preparing them to tackle technical challenges in the IoT field.

Major in DevSecOps and Cloud-Based Software Engineering:

Aimed at preparing students to design, develop, and secure enterprise software by applying agile methodologies and DevSecOps practices throughout the software development lifecycle. Students acquire skills in programming, web development, software architecture, CI/CD, and automated deployment, with a focus on security from design to cloud operations. The curriculum also addresses IT service management, business modeling, and financial operations of SaaS solutions, training professionals capable of leading scalable and secure software engineering projects.

PROGRAM OBJECTIVE

Graduates of the Bachelor's Degree are able to:

1. Provide a Strong Foundation in Computer Science

Develop core competencies in programming, data structures, algorithms, software engineering, databases, operating systems, and networks to support the development of complex computing systems.

2. Prepare Students to Embrace Emerging Technologies

Enable students to work with cutting-edge fields such as artificial intelligence, cybersecurity, Internet of Things (IoT), cloud computing, and DevSecOps through hands-on experience and interdisciplinary learning.

3. Foster Problem-Solving and Analytical Thinking

Cultivate the ability to analyze, model, and solve real-world problems using computational approaches, innovative tools, and data-driven techniques across diverse technological domains.

4. Promote Secure and Scalable System Design

Train students to design and maintain robust, efficient, and secure computing infrastructures and software applications, incorporating best practices in system architecture and cybersecurity.

5. Encourage Agile Development and DevSecOps Practices

Equip students to implement agile methodologies, continuous integration and delivery (CI/CD), and security-focused development processes throughout the software lifecycle in both on-premises and cloud environments.

6. Advance Knowledge in Intelligent Systems and Data Science

Prepare students to extract, process, and analyze large datasets to create predictive models and intelligent systems that support strategic decision-making and innovation in business and technology.

7. Develop Skills in IoT and Embedded Systems

Enable students to design IoT devices and embedded systems through applied knowledge in electronics, sensor networks, protocols, security, and scalable architecture for real-world applications.

8. Promote Ethical, Professional, and Collaborative Practices

Instill ethical responsibility, interdisciplinary collaboration, and communication skills to lead technology projects and teams across sectors such as healthcare, finance, manufacturing, and more.

9. Support Innovation and Lifelong Learning

Encourage creativity, adaptability, and a mindset of continuous learning to respond to the rapidly evolving technological landscape and contribute to digital transformation in society.

10. Prepare Graduates for Leadership and Advanced Career Opportunities

Position students for success in diverse computing careers or graduate studies by developing technical expertise, strategic thinking, and leadership capabilities to manage large-scale technological initiatives

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED GENERAL EDUCATION COURSES		
ENG210	English Composition I	3
ALG210	College Algebra	3
PSY210	Introduction to Psychology	3
ENV210	Environmental Science	3
COM210	Introduction to Communication	3
ENG220	English Composition II	3
STA210	Applied Probability and Statistics	3
PHI210	Introduction to Philosophy	3
COM220	Principles of Public Speaking	3
PSY220	Critical Thinking and Logic	3
Sub - Total		30

REQUIRED CORE COURSES

PRG310	Programming Fundamentals	3
ALG310	Linear Algebra	3
MAT310	Mathematical Logic and Structures	3
PHY310	Fundamentals of Physics	3
CAL310	Advanced Calculus	3
OBT310	Object-Oriented Programming	3
SYS310	Operating Systems and Network Management	3
LEG310	Legal Aspects of Information Systems	3
PSY310	Personal and Professional Development	3
DTB310	Fundamentals of Databases	3
MAT320	Advanced Mathematics	3
PHY320	Advanced Physics	3
EMT310	Emerging and Disruptive Technologies	3
ADZ310	Advanced Database Systems	3
REM310	Research Methodology	3
BDM310	Big Data Mining	3
MLN310	Introduction to Machine Learning	3
CYB310	Cybersecurity and Ethical Hacking	3
PRG320	Introduction to Functional Programming	3
DSA310	Distributed Systems Architecture	3
LEI310	Leadership, Entrepreneurship, and Innovation	3
ETH310	Professional Ethics	3
Sub - Total		66

Major in Infrastructure and Security

SEC410	Cybercrime and Forensic Analysis	3
SEC420	Computer Networks and Communications	3
SEC430	Operating System Fundamentals	3
SEC440	Digital Logic Design	3
BID450	Big Data Processing	3
SOF460	Software Systems Engineering	3
DAT470	Database Systems	3
CSC480	Capstone Written Project - Computer Science	3
Sub - Total		24

Major in Intelligent Systems and Data Science

STA410	Statistical Methods for Machine Learning	3
DAT420	Multivariate Data Analysis	3
ITS430	Deep Learning	3
DAT440	Applied Data Science	3
ITS450	Natural Language Processing	3
ITS460	Neural Network Fundamentals	3
ITS470	Personalized Information Systems	3
CSC480	Capstone Written Project - Computer Science	3
Sub - Total		24

Major in Internet of Things and Embedded Systems

PRG410	Embedded Systems Programming	3
ITH420	Security in Internet of Things	3

ITH430	IoT Standards and Protocols	3
ITH440	Sensor Technology and Integration	3
ELE450	Electrical Circuit Fundamentals	3
ELE460	Electronic Systems and Devices	3
ITH470	Design Patterns for IoT Systems	3
CSC480	Capstone Written Project - Computer Science	3

Sub - Total 24

Major in DevSecOps and Cloud-Based Software Engineering

DSO410	DevSecOps for Business Applications	3
CLO420	Cloud-Based Systems Architecture	3
SOF430	Secure Software Engineering	3
DSO440	DevOps Automation and Monitoring	3
SOF450	Software Quality Management	3
CYB460	Cybersecurity Fundamentals	3
SOF470	Architectural Design for Software Systems	3
CSC480	Capstone Written Project - Computer Science	3

Sub - Total 24

Total 120

Master of Business Administration

PROGRAM DESCRIPTION

The Master of Business Administration is a comprehensive, interdisciplinary graduate program that provides professionals with the knowledge, skills, and leadership capabilities necessary to excel in today's dynamic global business environment. The curriculum emphasizes strategic thinking, analytical decision-making, innovation, and ethical leadership, while integrating practical applications and industry trends.

Students can tailor their academic path by selecting one of the high-impact majors, designed to develop specialized knowledge in emerging and critical business areas.

Major in Strategic Sales and Customer Relationship Management

This major is designed to develop advanced competencies in sales strategy, negotiation, and customer relationship management. Students learn to drive revenue growth by designing customer-centric sales processes, managing complex accounts, and leveraging CRM technologies. The specialization focuses on consultative selling, relationship development, and customer lifecycle management in B2B and B2C contexts. Students will also be prepared to lead sales teams, design strategic sales campaigns, and implement loyalty initiatives that generate long-term business value.

Major in Advanced Analytics and Artificial Intelligence for Business

This major explores the integration of advanced data analytics, artificial intelligence (AI), and machine learning into strategic business decision-making. Students will gain

practical experience in predictive modeling, natural language processing, and AI-based automation tools. Emphasis is placed on interpreting large data sets to uncover insights that guide marketing, operations, finance, and customer experience strategies. Upon completion, students will be able to convert complex data into actionable intelligence, enabling data-driven innovation and competitive advantage in their organizations.

Major in Quality and Process Management

This major focuses on the principles, tools, and strategies to drive quality improvement and operational excellence. Students will learn methodologies such as Lean, Six Sigma, and Total Quality Management (TQM) and how to apply them to optimize processes, reduce waste, and improve customer satisfaction. Upon completion, they will be equipped to lead continuous improvement initiatives, manage performance metrics, and create a culture of quality in diverse organizational contexts.

Major in Strategic Financial Management and Fintech

This major combines traditional financial management with emerging technologies in financial services. Students will develop expertise in financial planning, investment analysis, risk management, and capital structure decisions, while exploring innovations in blockchain, digital payments, and financial data analytics. Special attention is paid to the regulatory and ethical implications of fintech. Ultimately, they will be prepared to lead financial strategies and transformation initiatives in banks, corporations, startups, and investment firms operating in technology-based environments.

Major in Global Supply Chain and Logistics Management

This major prepares students to design, manage, and optimize complex global supply chains. Topics include sourcing strategies, inventory management, international logistics, supplier relationship management, and supply chain digitalization. The curriculum emphasizes sustainability, risk mitigation, and responsiveness in global networks. Upon completion, students will be equipped to lead operational and logistics functions in multinational corporations, manufacturing companies, and global e-commerce platforms.

Major in Strategic Healthcare Management

This major offers a strategic perspective on the management of health organizations and systems. Students will explore policy, operations, finance, patient experience, and technology adoption in the context of evolving public health challenges. The program also emphasizes quality improvement, leadership, and ethical decision-making in the delivery of health services. Additionally, students will be prepared to assume leadership roles in hospitals, clinics, health systems, and public health organizations, managing the intersection of healthcare and business strategy.

PROGRAM OBJECTIVE

Graduates of the Master's degree will be able to:

- 1. Develop Strategic and Interdisciplinary Business Knowledge**

Equip students with a comprehensive understanding of core business functions—strategy, finance, marketing, operations, and leadership—to address complex challenges in dynamic, global environments.

2. Strengthen Analytical and Data-Driven Decision-Making

Train students to apply critical thinking, quantitative analysis, and data interpretation to drive strategic decisions that enhance business performance and organizational agility.

3. Cultivate Leadership and Innovation Skills

Foster the development of ethical, visionary, and resilient leaders capable of guiding teams, promoting innovation, and managing change across diverse industries.

4. Promote Customer-Centric Business Solutions

Enable students to create value through advanced strategies in sales, customer relationship management, and service excellence, focusing on loyalty and long-term growth.

5. Enhance Digital and Technological Competencies

Prepare graduates to integrate cutting-edge technologies—such as AI, analytics, and fintech—into business practices to drive innovation and maintain competitive advantage.

6. Advance Quality and Operational Excellence

Provide tools and methodologies to improve processes, ensure quality, reduce inefficiencies, and build performance-oriented cultures across organizational systems.

7. Enable Financial Foresight and Innovation

Train students to lead strategic financial planning and investment decisions while embracing disruptive trends in fintech, digital currencies, and financial automation.

8. Foster Global Perspective and Supply Chain Expertise

Prepare students to design, manage, and optimize international supply chains with a focus on sustainability, risk mitigation, and real-time responsiveness.

9. Equip for Strategic Healthcare Leadership

Develop the ability to lead within healthcare institutions by integrating business acumen with knowledge of healthcare systems, patient care, and regulatory environments.

10. Support Career Mobility and Professional Impact

Empower students to assume leadership roles in diverse business sectors, equipped with adaptive skills and specialized expertise aligned with emerging industry needs.

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED CORE COURSE		
REM500	Advanced Research Methodology	3
LDS510	Executive Leadership and Team Development	3
ETH520	Ethics, Sustainability, and Strategic Decision-Making	3

COM530	Time Management and Effective Communication	3
BUS540	Agile Methodologies in Business Projects	3
STA550	Statistical Analysis for Business Decisions	3
BUS560	Data Analytics for Business Decision-Making	3
FIN570	Advanced Financial Analysis and Modeling	3
Sub - Total		24

Major in Strategic Sales and Customer Relationship Management

CRM610	Advanced Sales and Negotiation Strategies	3
CRM620	Distribution Channel Management	3
CRM630	Digital Transformation in Sales and Marketing	3
CRM640	Strategic Customer Relationship Management	3
CRM650	Customer Relationship Building and Retention	3
BUS600	Capstone Project - Business Administration	3
Sub - Total		18

Major in Advanced Analytics and Artificial Intelligence for Business

AIB610	Multivariate Statistical Methods for Business	3
AIB620	Predictive Analytics for Business Strategy	3
AIB630	Strategic Business Intelligence	3
AIB640	Strategic Data Analytics Management	3
AIB650	Artificial Intelligence for Business	3
BUS600	Capstone Project - Business Administration	3
Sub - Total		18

Major in Quality and Process Management

QPM610	Advanced Quality Management Systems	3
QPM620	Advanced Process Management	3
QPM630	Quality Tools and Techniques	3
QPM640	Performance Management in Organizations	3
QPM650	Integrated Quality Management Systems	3
BUS600	Capstone Project - Business Administration	3
Sub - Total		18

Major in Strategic Financial Management and Fintech

FIN610	Strategic Financial Planning and Decision Making	3
FIN620	Advanced Management of Financial Instruments	3
LEG630	Legal Aspects of Financial Management	3
FIN640	Advanced Financial Risk Analysis and Control	3
FIN650	Fintech and Project Finance Management	3
BUS600	Capstone Project - Business Administration	3
Sub - Total		18

Major in Global Supply Chain and Logistics Management

SCL610	Global Supply Chain Strategy and Optimization	3
SCL620	Strategic Procurement and Supplier Relationship Management	3
SCL630	Technology in Supply Chain Management	3
SPL640	Global Logistics and Distribution Strategies	3
SPL650	Demand Forecasting and Customer Relationship Management	3
BUS600	Capstone Project - Business Administration	3

		Sub - Total	18
Major in Strategic Healthcare Management			
HCM610	Strategic Healthcare Service and Quality Management		3
HCM620	Economic Principles in Healthcare		3
HCM630	Strategic Management in Healthcare Organizations		3
HCM630	Healthcare Strategy and Negotiation Techniques		3
HCM640	Management of Healthcare Systems and Information		3
BUS600	Capstone Project - Business Administration		3
		Sub - Total	18
		Total	42

Master of Science in Marketing

PROGRAM DESCRIPTION

The Master of Science in Marketing is a graduate program designed to develop advanced competencies in strategic marketing, consumer insights, and brand innovation. The curriculum combines theoretical foundations with practical applications, enabling students to analyze market dynamics, craft compelling value propositions, and drive business growth in a data-driven digital economy. With an emphasis on creativity, analysis, and strategic decision-making, the program prepares graduates to lead high-impact marketing initiatives across diverse industries and global markets.

Students can specialize in one of the majors addressing current and future trends in marketing and consumer behavior.

Major in Consumer Neuroscience and Sensory Marketing

This major explores the intersection of neuroscience, psychology, and marketing to understand how consumers make decisions. Students will learn how sensory stimuli, emotional responses, and subconscious processes influence perception, attention, memory, and purchasing behavior. The curriculum integrates neuroimaging techniques, biometric analysis, and experimental design to evaluate the impact of branding and advertising strategies on the human brain. Additionally, students will be trained to apply neuroscience-based knowledge to optimize product design, communication, and customer experience in sectors such as retail, food and beverage, luxury, and entertainment.

Major in Strategic Marketing and Business Development

This major focuses on the formulation and implementation of marketing strategies that drive organizational growth and market expansion. Students will explore competitive analysis, value creation, market segmentation, and business development tactics. Emphasis is placed on aligning marketing objectives with business goals, leveraging innovation, and fostering sustainable customer relationships. Additionally, students will

be prepared to assume leadership roles in strategic planning, market analysis, and business development in dynamic, global environments.

Major in Branding and Transmedia

This major prepares students to build and manage powerful brands through integrated storytelling and multiplatform communication. Students will learn to create brand narratives, manage brand architecture, and deliver cohesive experiences across traditional and digital media. The curriculum includes transmedia strategy, audience engagement, and digital content production to create immersive brand ecosystems. Upon completion, students will be able to lead brand initiatives that connect emotionally with audiences, strengthen brand loyalty, and foster long-term brand value in an era of media convergence and digital disruption.

PROGRAM OBJECTIVE

Graduates of the Master's degree will be able to:

1. Develop Advanced Marketing Competencies

Equip students with in-depth knowledge and practical skills in strategic marketing, brand management, consumer behavior, and value creation to drive business growth in competitive markets.

2. Enhance Data-Driven Decision Making

Train students to leverage marketing analytics, consumer insights, and digital tools to develop evidence-based strategies that support innovation, customer engagement, and performance optimization.

3. Foster Strategic Thinking and Creativity

Promote the integration of creative thinking with analytical rigor to develop compelling marketing campaigns, differentiated brand propositions, and adaptive go-to-market strategies across diverse industries.

4. Prepare for Global and Digital Market Leadership

Empower graduates to design and lead marketing initiatives that align with global trends, digital transformation, and evolving customer expectations in increasingly interconnected and technology-driven economies.

5. Promote Expertise in Consumer Behavior and Neuroscience

Enable students to apply principles from neuroscience, psychology, and sensory marketing to understand consumer decision-making processes and create emotionally resonant, behaviorally informed marketing experiences.

6. Support Sustainable Business Development and Innovation

Develop the ability to align marketing strategies with business development goals, competitive advantage, and sustainable value creation through market intelligence, customer segmentation, and opportunity analysis.

7. Train in Branding and Transmedia Storytelling

Prepare students to create and manage brand ecosystems that utilize transmedia narratives and cross-platform communication to build brand equity, loyalty, and immersive consumer experiences.

8. Cultivate Leadership and Strategic Execution Skills

Equip graduates to assume leadership roles in marketing strategy, innovation, brand management, and digital transformation through project-based learning, real-world simulations, and collaborative initiatives.

9. Adapt to Emerging Trends and Technologies

Encourage continuous learning and adaptability to integrate emerging tools such as AI, neuromarketing, augmented reality, and social media analytics into forward-thinking marketing strategies.

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED CORE COURSE		
MKT510	Financial Management in Marketing	3
MKT520	Advanced Strategic Marketing	3
REM500	Advanced Research Methodology	3
MKT530	Understanding Customers and User Behavior	3
MKT540	Marketing Analytics and Consumer Insights	3
ETH520	Ethics, Sustainability, and Strategic Decision-Making	3
LDS510	Executive Leadership and Team Development	3
MKT570	Agile Project Management for Marketing	3
Sub - Total		24
Major in Consumer Neuroscience and Sensory Marketing		
NSC610	Cognitive Neuroscience in Consumer Decision-Making	3
NSC620	Anthropological Perspectives on Consumer Culture	3
NSC630	Sensory Branding and Emotional Marketing	3
NSC640	Sensory Experiences and Consumer Engagement	3
MKT650	Capstone Project - Marketing	3
Sub - Total		15
Major in Strategic Marketing and Business Development		
SMK610	Business Research and Product Development	3
SMK620	Corporate Lobbying and Negotiation Strategies	3
SMK630	Advanced Sales Management	3
SMK640	Business Plan Development	3
MKT650	Capstone Project - Marketing	3
Sub - Total		15
Major in Branding and Transmedia		
BRT610	Strategic Brand Development and Management	3
BRT620	Strategic Brand Positioning and Corporate Reputation	3
BRT630	Brand Narratives and Interactive Storytelling	3

BRT640	Transmedia Strategy and Content Integration	3
MKT650	Capstone Project - Marketing	3
Sub - Total		15
Total		39

Master of Science in Project Management

PROGRAM DESCRIPTION

The Master of Science in Project Management is a graduate program designed to equip professionals with advanced knowledge, tools, and skills for planning, executing, and managing complex projects across a wide range of industries. The curriculum combines fundamental project management methodologies with leadership, strategic thinking, and data-driven decision-making. Students will learn to manage project scope, timelines, budgets, risks, stakeholders, and quality, aligning each project with organizational objectives and sustainability principles. Upon completion, they will be prepared to lead cross-functional teams and generate value in dynamic, high-risk environments.

The master's program offers majors in three key areas, fundamental to the professional success of our graduates:

Major in Product Innovation and Development

This major focuses on the end-to-end process of commercializing innovative products and services. Students will explore methodologies such as design thinking, agile project management, and lean development to drive innovation and increase user value. Topics include idea generation, prototyping, market testing, product lifecycle management, and innovation strategy. Upon completion, students will be equipped to lead product development initiatives, manage multidisciplinary teams, and drive innovation in dynamic, customer-centric industries such as technology, manufacturing, and consumer goods.

Major in Program and Portfolio Management

This specialization prepares students to manage multiple interrelated projects and align them with broader organizational strategies through effective portfolio management. Emphasis is placed on governance, prioritization, resource allocation, performance metrics, and value creation. Students will gain practical knowledge of enterprise-level decision-making and strategic execution. They will also be qualified to lead large-scale programs and portfolios, contributing to organizational transformation and long-term value creation in both the private and public sectors.

Major in Procurement and Contract Management

This specialization provides students with specialized knowledge and skills in procurement strategy, supplier relationship management, and contract negotiation in project contexts. The curriculum covers supply chain management, legal aspects of contracts, risk assessment, cost analysis, and ethical sourcing. Students will learn to design and manage purchasing processes that ensure project efficiency and regulatory compliance. Additionally, they will be prepared to serve as purchasing managers, contract administrators, and sourcing specialists, ensuring strategic value and legal certainty in project execution.

PROGRAM OBJECTIVE

Graduates of the Master's degree will be able to:

1. **Develop advanced project management competencies:** Equip students with the knowledge, tools, and skills necessary to plan, execute, and manage complex projects across various industries, aligning projects with strategic objectives and organizational sustainability principles.
2. **Foster leadership and strategic decision-making:** Train students to lead cross-functional teams, make data-driven strategic decisions, and effectively manage risks, resources, and stakeholder expectations in dynamic, high-risk environments.
3. **Prepare students to manage product innovation:** Provide students with key methodologies to drive innovation in products and services, using approaches such as design thinking, agile project management, and lean development to increase user value and manage the entire product lifecycle.
4. **Develop skills in programming and portfolio management:** Equip students with the knowledge necessary to manage multiple interrelated projects and align them with broader organizational strategies. Emphasize governance, prioritization, resource allocation, and performance metrics to contribute to organizational transformation and long-term value creation.
5. **Enhance strategic procurement and contract management:** Provide a deep understanding of procurement strategy, supplier relationship management, and contract negotiation in project contexts. Students will learn to design and manage purchasing processes that ensure efficiency, regulatory compliance, and strategic value in project execution.
6. **Prepare students for project management in both public and private sectors:** Train graduates to lead projects in diverse industries, including technology, manufacturing, consumer goods, and the public sector, with a comprehensive understanding of management practices, customer needs, and sustainability principles.
7. **Enhance interpersonal and communication skills:** Improve students' abilities in effective communication, team management, and negotiation, ensuring they can lead both internal teams and engage with clients and suppliers successfully.
8. **Promote adaptability and continuous learning:** Foster in students the ability to adapt to a constantly changing business environment, encouraging continuous learning and professional development to maintain competitiveness in the field of project management.

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED CORE COURSE		
PRO510	Project Communication and Stakeholder Engagement	3
PRO520	Business Analysis for Project Management	3
PRO530	Project Scope and Kickoff Planning	3
PRO540	Project Scheduling and Timeline Management	3
PRO550	Managing Resources and Stakeholder Engagement	3
PRO560	Quality Planning and Management in Projects	3
PRO570	Project Management Fundamentals	3
PRO580	Agile Methodologies for Project Management	3
	Sub - Total	24
Major in Product Innovation and Development		
INN610	Product and Service Innovation Management	3
PRO620	Budgeting and Financial Planning for Projects	3
PRO630	Advanced Project Management	3
PRO640	Capstone Project - Project Management	3
	Sub - Total	12
Major in		
PPM610	Program and Portfolio Management	3
PPM620	Risk Planning and Management	3
PPM630	Communication Planning in Project Management	3
PRO640	Capstone Project - Project Management	3
	Sub - Total	12
Major in		
PCM610	Procurement Planning and Management	3
PRO620	Budgeting and Financial Planning for Projects	3
PRO630	Advanced Project Management	3
PRO640	Capstone Project - Project Management	3
	Sub - Total	12
	Total	36

Master of Science in Educational Management

PROGRAM DESCRIPTION

The Master of Science in Educational Management is designed to equip education professionals with the strategic, leadership, and technological skills necessary to lead and transform academic institutions in the digital age. The program integrates advanced knowledge in educational administration, educational innovation, and organizational development. Graduates will be prepared to effectively manage educational organizations, implement data-driven strategies, lead curricular innovation, and respond to the evolving challenges of modern learning environments, both virtual and in-person.

Students can tailor their academic path by selecting one of the high-impact majors, designed to develop specialized knowledge in emerging and critical business areas.

Major in Instructional Design and Digital Innovation in Virtual Learning Environments

This major prepares students to become leaders in the creation and implementation of innovative instructional strategies adapted to virtual and blended learning environments. The curriculum emphasizes instructional design models, transmedia storytelling, gamification, and educational technologies that enhance student engagement and performance. Students will gain practical experience in designing digital content, assessing learning outcomes, and applying emerging technologies to create flexible, accessible, and student-centered educational experiences. Graduates will also be qualified to work as instructional designers, e-learning strategists, or digital learning specialists in educational institutions, corporations, and educational technology organizations.

Major in Educational Leadership and Strategic Management

This major focuses on the strategic, organizational, and human dimensions of leading educational institutions. It prepares students to assume leadership roles by developing expertise in educational planning, policy implementation, quality assurance, project management, and organizational innovation. Emphasis is placed on decision-making, team leadership, resource management, and fostering an inclusive, high-performing institutional culture. Additionally, graduates will be prepared to serve as school administrators, educational consultants, academic coordinators, or policy advisors, contributing to the improvement and innovation of educational systems at various levels.

PROGRAM OBJECTIVE

Graduates of the Master's degree will be able to:

1. **Develop strategic leadership in education:** Equip education professionals with the knowledge and skills necessary to lead and manage academic institutions effectively, fostering an environment conducive to educational excellence in both virtual and in-person settings.
2. **Enhance organizational development skills:** Prepare graduates to design, implement, and manage educational systems that promote continuous improvement, innovation, and sustainability. Focus on developing organizational structures that support student success and institutional effectiveness.
3. **Promote digital innovation in education:** Provide students with the tools and methodologies to implement cutting-edge technologies and instructional strategies, including gamification, transmedia storytelling, and emerging digital tools, in virtual and blended learning environments.
4. **Prepare for instructional design leadership:** Equip students with expertise in instructional design, curriculum development, and educational technologies, enabling them to create flexible, accessible, and engaging learning experiences that cater to diverse learner needs.

5. **Enhance data-driven decision-making:** Enable students to use data analytics and evidence-based practices to make informed decisions, implement data-driven strategies, and assess learning outcomes to improve both student performance and institutional operations.
6. **Foster inclusive and high-performing institutional cultures:** Develop students' ability to cultivate inclusive, collaborative, and high-performance cultures within educational organizations, ensuring the alignment of educational practices with the needs of diverse student populations.
7. **Prepare students for leadership roles in education:** Provide graduates with the necessary skills to assume leadership positions in various educational contexts, including schools, universities, educational consulting firms, and governmental or policy-related organizations.
8. **Promote educational policy and planning expertise:** Equip students with the knowledge to navigate and implement educational policies, manage projects, and develop strategic initiatives that respond to the evolving challenges and opportunities in the global educational landscape.
9. **Cultivate lifelong learning and innovation:** Encourage graduates to continuously engage in professional development, stay informed about emerging trends in educational technology, and adapt to the evolving needs of learners and educators in the digital age

PROGRAM BREAKDOWN

Course Number	Course Title	Credit Hours
REQUIRED CORE COURSE		
REM500	Advanced Research Methodology	3
EDM510	Time Management and Interpersonal Skills for Educational Leaders	3
EDM520	Curricular Design Theory and Innovative Models	3
LEG530	International Educational Systems, Policies, and Legislation	3
EDM540	Teacher Talent Development in Digital Environments	3
PHI550	Philosophy of Education	3
EDM560	Educational Trends and Global Culture	3
EDM570	Educational Inclusion	3
Sub - Total		24
Major in Instructional Design and Digital Innovation in Virtual Learning Environments		
IDD610	Digital and Transmedia Environments	3
IDD620	Gamification and Transmedia Learning Strategies	3
IDD630	Instructional Design and Assessment in Virtual Environments	3
EDM640	Capstone Project - Education	3
Sub - Total		12
Major in Educational Leadership and Strategic Management		
ELS610	Educational Project Design and Evaluation	3
ELS620	Principles of Educational Leadership and Administration	3

ELS630	Strategic Planning and Educational Organization	3
	Development	
EDM640	Capstone Project - Education	3
Sub - Total		12
Total		36

Admission Requirements

UNDERGRADUATE PROGRAMS

All applicants must meet the following admission requirements:

1. Submit a valid government-issued photo identification.
2. Submit an official transcript or original foreign evaluation showing successful completion of a US equivalent high school diploma from an accredited institution or equivalent recognition.
3. If applying with an Associate Degree, the applicant must submit official transcripts from an Accredited or Licensed institution. A certified translation is required of a foreign degree and must be equivalent to a U.S. Associate Degree.
4. Any document not in English must be accompanied by a certified translated copy.
5. Submit a copy of your current resume.

Language Proficiency Assessment:

For programs offered in English: Official test results are required from one of the following:

- TOEFL internet-based score of 71+
- IELTS score of 6.0+
- Duolingo score of 100+
- PTE Academic score of 50+

The English language proficiency requirement may be waived if you meet one of the following:

- College/university English composition 101 or 102 subjects at a U.S. institution.
- Completed high school program in the U.S. or Canada (except Quebec).
- 1B Higher Level English (minimum score of 4).
- AP English Literature (minimum score of 3).
- ELS Language Center Level 112 Certificate.
- OHLA Advanced 2 level.

For programs offered in Spanish: To assess the language skills for new or transfer students unable to provide evidence of college-level language competency, the student may be required to take an institutional language assessment.

The Spanish language proficiency requirement may be waived if you meet one of the following:

- College/university Spanish composition at a U.S. institution.
- Completed high school program in Spanish.
- Advanced Placement Exam (AP) in Spanish Composition with score of 3 point or higher.
- An associate degree from an accredited Spanish speaking college or university.

GRADUATE PROGRAMS:

All applicants must meet the following admission requirements:

1. Submit a valid government-issued photo identification.
2. Submit an official transcript or original foreign evaluation showing successful completion of a US equivalent bachelor's degree from an accredited college or university or equivalent recognition.
3. Any document not in English must be accompanied by a certified translated copy.
4. Submit a copy of your current resume.

Language Proficiency Assessment:

For programs offered in English: Official test results are required from one of the following:

- TOEFL internet-based score of 71+
- IELTS score of 6.0+
- Duolingo score of 100+
- PTE Academic score of 50+

The English language proficiency requirement may be waived if you meet one of the following:

- College/university English composition 101 or 102 subjects at a U.S. institution.
- Completed high school program in the U.S. or Canada (except Quebec).
- 1B Higher Level English (minimum score of 4).
- AP English Literature (minimum score of 3).
- ELS Language Center Level 112 Certificate.
- OHLA Advanced 2 level.

For programs offered in Spanish: To assess the language skills for new or transfer students unable to provide evidence of college-level language competency, the student may be required to take an institutional language assessment.

The Spanish language proficiency requirement may be waived if you meet one of the following:

- College/university Spanish composition at a U.S. institution.
- Completed high school program in Spanish.
- Advanced Placement Exam (AP) in Spanish Composition with score of 3 point or higher.
- A bachelor's degree from an accredited Spanish speaking college or university.

ADMISSION APPLICATION

Individuals seeking admission to the university must complete an application and submit it along with a non-refundable \$150.00 fee, payable by check, money order, or credit card. Checks and money orders should be made payable to **GLOBALTECH FLORIDA UNIVERSITY**. Applicants must also include all required documents for the evaluation process.

Once the application is reviewed, candidates will receive further instructions via email. Admissions agents will stay in regular contact with applicants throughout the process to ensure the timely submission of all necessary documents to the admissions office.

REACTIVATION OF ADMISSION APPLICATION

An individual accepted for admission to **GLOBALTECH FLORIDA UNIVERSITY** who has not attended any courses may retain their original application and fee active for one (1) year from the term of their initial acceptance. If more than one (1) year has elapsed, the applicant must restart the admissions process by submitting a new application along with the applicable fee.

Registration

Students are required to register for classes either via email or in person. The registration period is outlined in the institution's calendar, as detailed in the preceding section.

Orientation

All new students, as well as those returning after an absence of a semester or more, are required to attend a mandatory orientation program before the start of classes. This program introduces students to university policies and guidelines.

Additionally, during their first quarter, students must participate in an e-library orientation session, which may be conducted on campus or virtually via platforms like Zoom. This session provides essential information on navigating and utilizing the university's digital resources effectively.

Attendance at both the general orientation and the e-library orientation is essential to ensure students are well-informed about university policies and equipped to fully utilize available resources, setting the foundation for a successful academic experience.

Graduation Requirements

To graduate from **GLOBALTECH FLORIDA UNIVERSITY** and earn a degree, students must fulfill the following requirements:

- Successfully complete all credits outlined in the university catalog.
- Maintain a minimum cumulative GPA of 2.5 for undergraduate programs and 3.0 for graduate programs.
- Demonstrate satisfactory academic progress throughout their studies.
- Settle all financial obligations with the university.

Credentials Awarded

Program	Credits Required	Credential Awarded
Business Administration	60	Associate of Science Degree
Computer Science	60	Associate of Science Degree
Business Administration	120	Bachelor of Science Degree
Marketing	120	Bachelor of Science Degree
Computer Science	120	Bachelor of Science Degree
Business Administration	42	Master Degree
Marketing	39	Master of Science Degree
Project Management	36	Master of Science Degree
Educational Manamegent	36	Master of Science Degree

Definition of a Unit of Credit

The university uses the **semester credit hour** system, in accordance with the Carnegie Unit method. Under this system, **one semester credit hour** is equivalent to **15 hours of classroom instruction** plus appropriate out-of-class student work, such as assignments, projects, and readings.

Most courses award **3 semester credit hours**, corresponding to **approximately 45 contact hours** of theoretical instruction, excluding additional student academic engagement required for course completion.

Course Cancellation Policy

To maintain a high-quality learning experience, GLOBALTECH FLORIDA UNIVERSITY has set a minimum enrollment requirement for its online courses. If a course does not meet this minimum enrollment, the university reserves the right to cancel the course on the first day of classes.

In the event of a cancellation, the university will support affected students by offering the option to transfer to another online course that aligns with their educational goals or by assisting them in finding a suitable alternative.

Please note that if a student has already accessed course materials through the online platform prior to the cancellation, the university may not provide a full refund. However, each case will be reviewed individually to ensure a fair resolution, taking into account the extent of the access and participation. The university remains committed to safeguarding both the academic and financial well-being of its students, while ensuring the integrity of its academic offerings.

Course Withdrawal Policy

- **Withdrawal Request:** To request a withdrawal, students must notify the Office of the Registrar of their intent, either in writing or verbally. The Registrar will document the reasons for the withdrawal and the date of the request.
- **Withdrawals with Refund:** Students who withdraw from a course during the drop/add period will be eligible for a refund, in accordance with the Cancellation and Refund Policy.
- **Withdrawals without Refund:** Withdrawals requested after the deadline for withdrawals with a refund will not be eligible for a refund and may impact the student's academic progress.

Withdrawal Policy

A student may withdraw from a class and receive a grade of "W" up until the day before the final exam. The following conditions apply to withdrawals:

- **Unsatisfactory Academic Performance:** Unsatisfactory academic performance after the withdrawal deadline will not be considered a valid reason for withdrawal.
- **Medical Withdrawals:** Students requesting a withdrawal for medical reasons must submit appropriate medical documentation using the "Withdrawal Form" available on the **GLOBALTECH FLORIDA UNIVERSITY** website.
- **Medical Withdrawal Approval:** If a medical withdrawal is approved, a grade of "I" (Incomplete) will be recorded in each affected course.
- **Waiting Status:** Students granted a medical withdrawal may be placed on "waiting status" until the university determines they are ready to return.
- **Late Withdrawal for Medical Reasons:** If a medical withdrawal is not approved but the situation justifies it, the request may be treated as a late withdrawal, resulting in a grade of "W."
- **Withdrawal During Investigation:** If a student withdraws from a course while an alleged act of dishonesty is being investigated and the resolution is unfavorable to the student, the academic department, in collaboration with the faculty and the appropriate university committee, reserves the right to assign a grade deemed appropriate for the course.

Make-Up Work Policy & Repeating Courses

When students are unable to complete their coursework by the end of the course, they may request a grade of Incomplete (I) with the approval of their instructor. The make-up work policy is evaluated on a case-by-case basis, and students must make arrangements within three (3) days of the course's completion.

If arrangements are not made with administrative approval within this timeframe, a failing grade will be assigned. The university recognizes that unforeseen circumstances may arise and strives to offer students the opportunity to successfully complete their courses within reasonable parameters.

Transfer of Credits

Transfer applicants must meet all admission requirements of **GLOBALTECH FLORIDA UNIVERSITY**. The university's transfer policy is designed to recognize previously earned credits. Applicants with credits from other institutions are encouraged to verify which courses are eligible for transfer. Students may transfer up to 90 credits for bachelor's degree programs and up to 18 credits for master's degree programs, provided they have earned a minimum grade of "B" in the courses to be transferred. Final acceptance of transferred credits is at the discretion of **GLOBALTECH FLORIDA UNIVERSITY**.

The transfer of credits from **GLOBALTECH FLORIDA UNIVERSITY** to another institution is at the discretion of the receiving university. It is the responsibility of students to confirm whether these credits will be accepted by their chosen institution.

All diplomas, degrees, or official transcripts from schools, colleges, or universities not in English must be evaluated and certified in English by a recognized evaluating agency, such as those accredited by NACES or AICE.

Advanced Placement

GLOBALTECH FLORIDA UNIVERSITY does not award academic credit for work experience or through examinations.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

GLOBALTECH FLORIDA UNIVERSITY adheres to federal and state laws governing the confidentiality of student records and information. As such, students have the right to access and review their educational records, and written consent is required for the release of such information, except in cases involving subpoenas.

To request transcripts and other academic information, students must submit written requests. Please note that requests made by unauthorized third parties or through telephone inquiries will not be responded to, ensuring the protection of student privacy and confidentiality.

Online Delivery

GLOBALTECH FLORIDA UNIVERSITY's academic term is delivered fully online and lasts sixteen (16) weeks. All instruction is provided through asynchronous online learning, meaning students can access lectures, assignments, discussions, and course materials at any time during the week. The format includes guided readings, multimedia content, discussion forums, and project-based activities, offering students a comprehensive and flexible educational experience designed to accommodate various schedules and learning styles.

Technology Requirements

Once a student has completed the registration process, the primary requirement for participating in the e-learning program is access to a personal computer and the Internet. This enables students to log into the e-learning platform from anywhere in the world. To ensure privacy and security, each student is provided with a unique username and password, granting access to their personal page within the Moodle Learning Management System. This personalized platform serves as a hub for students to engage with course materials, communicate with instructors and peers, and track their academic progress. By offering a secure online environment, students can confidently and comfortably engage in their courses.

Maintaining interaction between students, instructors, and the learning community is crucial. While the online platform offers flexibility in terms of time and space, the goal is to ensure interaction levels that are equal to or better than those in a traditional learning environment. The following criteria are essential for a successful online learning experience:

1. **Instructor Training:** Instructors must be proficient in online instruction technology, enabling them to teach effectively and assist students with any technical issues.
2. **Student Flexibility:** Students are given the flexibility to manage their time and distance, allowing them to plan and organize their own learning schedule based on the course syllabus.
3. **Self-Study and Interactive Resources:** Online learning promotes self-study and provides opportunities for students to interact with instructors and peers through forums, chats, video conferences, and more.
4. **Guidance and Responsibility:** Students are expected to follow the course syllabus under the guidance of the instructor, taking responsibility for their semester work and progress.

Our Learning Management System

On the Moodle platform, students have access to a range of web tools designed to enhance their learning experience. Through their personal page, students can use tabs such as “Documents and Links” to download the syllabus, readings, audio files, videos, and other essential materials. In accordance with the schedule outlined in the program, students can access the “Assignments” tab to view due dates, download exams, submit assignments and projects, and upload completed work.

Additionally, students can engage in discussions through the “Discussion Posts” tab, where both instructors and peers can answer questions and request clarifications. The platform also features an

“Announcements” tab, which allows instructors to share important updates and instructions about special activities. For queries unrelated to the course, students can use contact details provided in the program, such as email or Skype chat, to communicate directly with the instructor.

These tools support effective communication between students and instructors, fostering an interactive and collaborative online learning environment. Some of the key elements available on the platform include:

- **Course Syllabus:** Provides an outline of the course structure and objectives.
- **Chats:** Allows students to interact in real-time with their classmates and instructor.
- **Forums:** An asynchronous tool where participants can create discussion threads that remain available throughout the course.
- **Calendar:** Keeps students informed of the course's progress and alerts them to upcoming assignments, quizzes, and exams.
- **Document Upload Area:** Provides a designated space for students to upload their work clearly and conveniently.

Course Content

To further enhance the student experience in the e-learning program, several improvements can be implemented. First, integrating a real-time chat feature or discussion forum directly into the course page would facilitate immediate communication between students and instructors, encouraging collaboration and peer learning. This would create a dedicated space for students to ask questions, share ideas, and engage in meaningful discussions related to the course content, further enriching the learning environment.

Additionally, implementing an automatic grading system for assignments and exams would streamline the feedback process, allowing students to receive prompt evaluations of their work. This enhancement would provide students with timely feedback, helping them identify areas for improvement and track their progress more effectively.

By incorporating these improvements, the e-learning program could become more interactive and efficient, promoting active student engagement and fostering academic success.

Evaluations

A rubric-based grading system will be implemented for assignments, providing students with clear and detailed criteria for assessment. This approach will ensure more objective and consistent grading, improving transparency and fairness in the assessment process. By clearly outlining expectations, students will have a better understanding of how to meet specific criteria and improve their work.

In addition, incorporating formative assessments throughout the course will help students measure their understanding and track their progress. These assessments, such as quizzes, interactive activities, or discussions, will allow students to apply their knowledge and receive immediate

feedback. This not only promotes active learning but also enables students to identify areas for improvement in real time.

Finally, providing students with access to a comprehensive gradebook or progress log within the e-learning platform will allow them to monitor their performance, view their grades, and track their overall progress in the course. This transparency and visibility into their academic standing will empower students to take control of their learning journey and make informed decisions about their studies.

Response Time

To ensure timely and effective communication and feedback, instructors are committed to a maximum response time of 24 hours for student inquiries and forum posts, including both weekdays and weekends. This rapid responsiveness will also apply to assessments that require instructor review, grading, and feedback. By consistently meeting this deadline, instructors will demonstrate their dedication to supporting student learning and fostering an environment that encourages active engagement and academic growth.

Online Communication

To foster effective communication between online students and instructors, it is essential for students to maintain regular contact. Students can reach out to their instructors via email to request clarification or ask questions about course material. If further explanation is needed, they can request additional chat sessions, which may be conducted through various platforms such as chat rooms, phone calls, or, when feasible, in-person meetings on campus.

To ensure clarity and maintain a record of interactions, it is recommended that instructors provide a written summary of each communication, which will be sent to the student via email. This practice not only promotes effective communication but also helps students stay informed and supports a productive learning experience.

Attendance And Class Schedule

Online Campus

GLOBALTECH FLORIDA UNIVERSITY offers a continuous academic program throughout the year, with the exception of holidays specified in the Calendar section. The instructional approach is based on asynchronous delivery of classes via the university's Learning Management System (LMS). Students are expected to actively participate in weekly chats and discussions, which are carefully prepared by instructors and shared in designated areas within the LMS.

Regular and active participation is mandatory; students must log into their classes at least three times per week to demonstrate attendance. In addition to regular coursework, specific instructional activities may be scheduled to accommodate both student and faculty availability. This structure is designed to promote active learning, facilitate collaboration, and create a dynamic and engaging online learning environment for all participants.

Student Services

GLOBALTECH FLORIDA UNIVERSITY offers a comprehensive range of services designed to support students in key areas essential to their academic success. These services include:

Academic Planning:

- **Academic Advising:** Assistance with course selection and guidance on additional online course options.
- **Enrollment Support:** Help with completing administrative forms and access to textbooks and library resources.

Financial Counseling:

- Guidance on available financial aid and scholarship options.
- Resources for managing personal academic challenges, providing advice to overcome obstacles and enhancing the overall academic experience.

Career Services:

- Identification of potential career paths.
- Job search strategies and advice on how to maximize available opportunities.

By offering these services, **GLOBALTECH FLORIDA UNIVERSITY** is committed to providing the necessary support to help students achieve their academic and career goals effectively.

Academic Advising

At **GLOBALTECH FLORIDA UNIVERSITY**, academic advising is a cornerstone of student support. Upon enrollment, each student is assigned an academic advisor who plays a crucial role in helping them achieve their educational goals and meet university requirements. The advisor provides guidance on course selection, helps navigate academic challenges, and ensures that students are on track to fulfill graduation requirements. This personalized support system is designed to empower students, allowing them to make informed decisions and maximize their academic potential.

Academic Advisor Duties:

At **GLOBALTECH FLORIDA UNIVERSITY**, academic advising ensures a well-rounded and supportive experience for students through the following key elements:

1. **Direct Communication:** Students are provided with their advisor's contact information, including phone number and email address, to ensure open and effective communication.
2. **Personalized Guidance:** Advisors establish direct contact with students to understand their expectations, aspirations, and previous academic experiences. This personalized approach enables tailored guidance aligned with individual goals.
3. **Academic Supervision:** Advisors are committed to offering professional and personal academic supervision throughout the program, which includes:

- Academic advising.
 - Assistance with course selection.
 - Guidance on fulfilling degree requirements.
4. **Prompt Feedback:** Advisors provide timely feedback and support, ensuring that students receive prompt responses to any questions or concerns, fostering a proactive and supportive academic environment.

Overall Objective:

The primary goal of academic advising at **GLOBALTECH FLORIDA UNIVERSITY** is to provide each student with personalized attention, tailored guidance, and consistent support throughout their academic journey. By working closely with students, academic advisors play a pivotal role in fostering a supportive and collaborative learning environment. This comprehensive approach not only helps students navigate their educational paths effectively but also enhances their opportunities for academic success, personal growth, and the achievement of their goals.

Academic Counseling

GLOBALTECH FLORIDA UNIVERSITY emphasizes the significance of continuous academic guidance to enhance student success. The university provides ongoing support, beginning from the admissions process and extending throughout the entirety of the academic program. This comprehensive counseling approach ensures that students are well-supported, informed, and confident at every stage of their educational journey. By fostering a collaborative and encouraging environment, **GLOBALTECH FLORIDA UNIVERSITY** aims to help students achieve their academic and professional goals effectively.

Support Strategies:

- **Academic Guidance:** Students receive personalized assistance to help them adjust to university life, including information about course selection and program requirements.
- **Referrals to External Resources:** In situations where the university is unable to address specific problems or meet particular needs, referrals are **made to community organizations and agencies**. This ensures that students have access to additional resources that may be crucial to their well-being.
- **Comprehensive Support Network:** The referral system is part of a broader effort to create a **comprehensive support network**. This network is designed to address the diverse needs of students and help them overcome challenges they may encounter during their educational journey.

Overall Objective:

GLOBALTECH FLORIDA UNIVERSITY's goal is to enhance **the overall well-being** and **academic success** of students. By offering a support system that extends beyond the university, an educational environment is fostered where students can thrive both academically and personally.

This not only strengthens their experience at the university, but also prepares them to meet future opportunities and challenges in their lives.

Career Services

GLOBALTECH FLORIDA UNIVERSITY recognizes that while it cannot offer **employment guarantees** or specific salary levels to its graduates, it is deeply committed to the professional development of its students through its **Career Services department**. This commitment reflects the university's focus on preparing students for a successful future in the workforce.

Career Services Objectives:

1. **Identifying Career Opportunities:** The department helps students **identify potential employment opportunities** that align with their skills and interests.
2. **Professional Resume Creation:** Advisors collaborate with students **to craft resumes** that effectively highlight their skills and experiences, ensuring they present themselves in the best possible light to potential employers.
3. **Improving Interview Skills:** Coaching and advice is provided on how **to improve your job interview skills**, helping students increase their chances of success during the selection process.
4. **Job Search Strategies:** Students are provided guidance on effective strategies for searching and applying to current job opportunities, including the use of online platforms and professional networks.

Proactive Approach:

While the university cannot guarantee specific employment outcomes, its Career Services department strives to provide students with **the tools and knowledge necessary** to improve their prospects in the job market. This includes training in soft and technical skills, as well as building self-confidence in their job search.

Student Empowerment:

By offering these resources and support, **GLOBALTECH FLORIDA UNIVERSITY** aims to **empower students** to make informed decisions and take a proactive approach in the pursuit of their career goals. This not only allows them to be better prepared to face the job market, but also fosters a sense of responsibility and self-efficacy in their career paths.

E-Library

GLOBALTECH FLORIDA UNIVERSITY provides students and faculties with a vital online resource: the **GLOBALTECH FLORIDA UNIVERSITY Online Library**. This library, through a partnership with www.aquinasnetwork.com, offers **24/7 access** to an extensive collection of instructional, academic, and research resources. This continuous access is a crucial support for academic assignments,

projects, and research, enriching the educational experience of students and facilitating the academic activities of faculty.

Benefits of the Online Library:

1. **Unrestricted Access:** The online library is available around the clock, breaking down barriers of time and location that can hinder learning.
2. **Diverse Resource Collection:** It features a broad array of resources, including e-books, scholarly articles, research databases, and multimedia content, spanning various disciplines and fields of study.
3. **Comprehensive Research Support:** These resources are indispensable for academic research, enabling efficient information retrieval and fostering deeper, more meaningful learning outcomes.
4. **Enhanced Academic Experience:** By providing access to high-quality educational materials, the library empowers students to explore their interests and engage more deeply with their subjects, significantly enriching their learning journey.

Institutional Commitment:

GLOBALTECH FLORIDA UNIVERSITY's collaboration with www.aquinasnetwork.com underscores its dedication to offering superior educational resources and cultivating an environment conducive to learning and academic achievement. The continuous availability of the online library not only equips students to excel academically but also supports faculty in delivering impactful instruction. Together, these resources strengthen the university's commitment to fostering a dynamic and collaborative academic ecosystem.

Online Technical Assistance

GLOBALTECH FLORIDA UNIVERSITY ensures uninterrupted learning and teaching by providing 24/7 technical support for its online course platform. Both students and faculty can access this reliable service anytime, seven days a week.

How to Access Technical Support:

Contact Email: For assistance with technical issues, users can reach the support team via email at info@globaltechflorida.university

Benefits of Technical Support

1. **Round-the-Clock Availability:** The 24/7 support ensures prompt resolution of technical issues, enabling uninterrupted access to courses and resources.
2. **Efficient and Reliable Communication:** A dedicated email channel allows for direct and effective interaction with the support team, ensuring swift and accurate responses to inquiries.

3. **Seamless Online Learning Experience:** With continuous technical assistance, **GLOBALTECH FLORIDA UNIVERSITY** guarantees a smooth and effective online learning environment, critical for students' academic success and faculty productivity.

By offering this robust technical support, **GLOBALTECH FLORIDA UNIVERSITY** demonstrates its commitment to optimizing the online educational experience for both students and instructors.

Leave Of Absence

GLOBALTECH FLORIDA UNIVERSITY provides students with the opportunity to request a leave of absence for up to five days, ensuring flexibility while maintaining adherence to academic and administrative standards.

Procedure for Requesting a Leave of Absence:

1. **Written Request:** Students must submit a formal written request, clearly stating the reason for the leave and specifying the **expected date of return**.
2. **Return Date Compliance:** It is essential that students return on the date indicated in their request. Failure to return on time will result in the cancellation of their enrollment.

Consequences of Not Returning:

1. **Enrollment Cancellation:** If a student's enrollment is canceled due to failure to return, the university's Cancellation and Refund Policy will determine the applicable refunds.
2. **Withdrawal Date:** The withdrawal date will be recorded as the student's last date of attendance. This date will directly influence the refund calculation in accordance with the university's policy.

Importance of Communication:

Students are required to follow the established procedures and maintain open communication with the university to ensure their leave of absence and related administrative processes are managed efficiently.

By adhering to this policy, students can manage their absences in an organized manner while upholding the university's academic and administrative standards.

Satisfactory Academic Progress

Grading System

Grades at **GLOBALTECH FLORIDA UNIVERSITY** are determined through a comprehensive process that reflects the quality of student work. Key aspects of the grading system are described below:

Grading Criteria

1. Miscellaneous Assessments:

Grades are based on a variety of assessments, including:

- Written examinations.
- Final papers.
- Projects, as stipulated in the course syllabus.

2. Faculty Responsibility:

- Each faculty member is responsible for evaluating student performance in his or her courses.
- Faculty are expected to provide **individualized assessments** to reflect each student's effort and achievement.

Grade Record

Once determined, grades are **posted to the student's academic record**, which is maintained permanently.

This record acts as a **complete and lasting record** of the student's academic achievements at the university.

Ensuring Transparency and Accountability

By implementing a rigorous assessment process and maintaining accurate academic records, **GLOBALTECH FLORIDA UNIVERSITY** ensures:

- **Transparency** in the assessment process.
- **Accountability** in documenting student performance.
- **Reliability** in monitoring students' academic progress throughout their university career.

This approach ensures that students receive a fair and equitable assessment, reflecting their academic efforts and achievements during their education.

Letter Grade	Quality Points	Definition
A+	4.0	95 - 100% - Excellent
A	3.75	90 - 94%
B+	3.5	85 – 89%
B	3.0	80 – 84% - Minimum CGPA for Graduate
C+	2.5	75 – 79% - Minimum CGPA for Undergraduate
C	2.0	70 – 74%
D+	1.5	65 – 69%
D	1.0	60-64%
F	0	Fail
I	0	Incomplete
P	0	Pass
W	0	Withdrawal
X	0	Ongoing
NR	0	Grade Not Reported
WF	0	Withdrawal after 60% course completion
T	0	Transfer
NP	0	No Pass
R	0	Repeat

Standards of Satisfactory Academic Progress

At **GLOBALTECH FLORIDA UNIVERSITY**, maintaining satisfactory academic progress is critical to continued enrollment of students. This progress is assessed through two key factors: **the cumulative grade point average (CGPA)** and the **pace of progress** toward completion of the academic program. These aspects are detailed below:

Academic Progress Assessment Factors

1. Cumulative Grade Point Average (CGPA):

- The CGPA is a comprehensive measure of the student's academic performance, calculated based on the grades obtained in all completed courses.
- This average allows for the assessment of the student's mastery of the curriculum and the student's ability to meet **the academic standards** established by the university.

2. Pace of Progress:

The student's pace of progress toward completion of his or her program is monitored, considering:

- The number of courses completed.
- The rate of course completion.
- Compliance with the designated schedule for the academic program requirements.

Objectives of the Approach

By assessing both CGPA and pace of progress, **GLOBALTECH FLORIDA UNIVERSITY** seeks to:

- **Ensure** that students are making steady and satisfactory progress toward their academic goals.
- **Maintain academic rigor** by promoting responsibility among students.
- **Support academic success** throughout the educational path by providing students with the tools necessary to achieve their goals.

This comprehensive approach not only helps students stay on track, but also fosters a culture of excellence and commitment to education at the university.

Satisfactory Academic Progress

The Satisfactory Academic Progress (SAP) Policy at **GLOBALTECH FLORIDA UNIVERSITY** is designed to ensure that students maintain academic standards necessary for successful completion of their programs. The policy includes quantitative and qualitative criteria for both undergraduate and graduate programs, evaluation processes, and guidelines for managing academic performance.

Quantitative Criteria

1. Completion Rate:

- o Students must successfully complete at least **67%** of the credit hours attempted each semester.
- o The completion rate is evaluated based on the cumulative total of attempted hours versus earned hours.
 - **Example:** If a student enrolls in **12 credit hours**, they must complete a minimum of **8 credit hours** ($12 \times 67\% = 8$).

2. Probation:

- o Failure to meet this completion rate may result in the student being placed on **academic probation**, indicating the need for improvement.

Qualitative Criteria

Undergraduate Programs:

- Students are required to maintain a **Cumulative Grade Point Average (CGPA)** of **2.5** at the midpoint of their program and must have earned **75%** of the credits attempted.
- Students who fail to meet these criteria will be placed on **academic probation** for the remainder of the academic term.
- To remove probation, students must achieve a CGPA of **2.5 or higher** in the subsequent term.

Graduate Programs:

- Students must maintain a **CGPA of 3.0** at the midpoint of their program and complete **75%** of the attempted credits.
- Similar to undergraduate standards, students who fail to meet these criteria will be placed on **academic probation**.
- Removal of probation requires achieving a CGPA of **3.0 or higher** in the following term.

Support for Students on Probation

Students placed on probation will receive:

- **Written notification** of their status.
- **Academic advising** to assist them in improving their grades and meeting academic standards.

Evaluation Process

1. Timing of Evaluation:

- o Students are evaluated at the end of each academic term.

2. Immediate Probation:

- o If a student fails a course before the term ends, they are immediately placed on academic probation.

3. Retaking Failed Courses:

- o Students must retake failed courses when next offered and pass them to be removed from probation.
- o Failing the same course a second time may lead to **academic dismissal** from the university.

Maximum Timeframe Policy

Maximum Allowable Timeframe for Program Completion:

Program	Program Length	Maximum Allowed Timeframe
Master's Degree	12 Months	18 Months
Bachelor's Degree	40 Months	60 Months
Associate's Degree	20 Months	30 Months

Students exceeding the maximum allowable timeframe may be withdrawn from the program, ensuring timely progress toward program completion.

CGPA Requirements

Graduate-Level CGPA:

- Evaluated at the end of each term to ensure compliance with the **minimum requirement** (CGPA of **3.0**).
- Regular assessments provide an opportunity for students to address any academic concerns.

Grade Change Process

Initiating a Grade Change:

- Faculty must submit a "Grade Change Form" signed to the university registrar.
- Changes must be resolved within the term following the original grade issuance.

Timeline:

- Any necessary modifications must be made within **one week** from the end of the term.

Computation of Cumulative Grade Point Average (CGPA)

CGPA Calculation:

- The CGPA is calculated using a percentage-based approach that weighs each grade according to the total hours of the program.
- Each grade received is assigned a **quality point value** which is totaled to determine the CGPA.

This structured approach ensures that students at **GLOBALTECH FLORIDA UNIVERSITY** are supported in their academic journeys while maintaining high standards of performance and accountability.

Grades and Transcripts

At **GLOBALTECH FLORIDA UNIVERSITY**, specific policies are in place for the retention and management of student academic records, ensuring transparency and accessibility to academic information. The main provisions regarding record retention, requests, and associated costs are detailed below.

Record Retention

1. Original Copies of Exams:

Original copies of students' exams are kept on their academic record while they are enrolled at the university and for a period of three years after their last day of attendance.

2. Transcripts:

Transcripts, which provide a complete record of students' grades, are kept indefinitely in the student records office.

3. Permanent Copies:

The university maintains permanent copies of all student records, ensuring that academic information is always available.

Records Requests

1. Transcript Review:

Students may request a review of their transcripts by submitting a written request.

2. Document Delivery:

Official transcripts and diplomas have a three-business day waiting period for delivery.

3. Additional Copies:

If a student needs additional copies of their academic documents, they will be required to pay a processing fee for each document requested.

Application Process and Payments

1. Initiating the Application Process:

To begin processing transcript or diploma requests, students must submit a receipt of payment from the Business Office to the registrar.

2. Conditions for Processing:

Document processing will only begin after payment has been made.

Any outstanding balance owed to the university must be settled before the processing of requested documents will begin.

Policies And Procedures

Academic Warning or Probation

GLOBALTECH FLORIDA UNIVERSITY implements clear and rigorous policies to ensure students achieve and maintain satisfactory academic progress (SAP). Below are the consequences of failing to meet SAP standards and the support measures available during the probation period.

Consequences of Not Meeting SAP

1. Probation Status:

- Students who fail to meet the SAP criteria will be placed on probation.
- The duration of the probation period is outlined in the SAP policy.

2. Course Repetition Fees:

- Students required to repeat courses must pay a fee of \$35.00 per course.

3. Risk of Termination:

- If a student fails to meet SAP requirements by the end of the probation period, their enrollment at the university may be terminated.

4. Restoration of Academic Good Standing:

- Students who fulfill SAP requirements by the end of the probation period will have their probation status lifted and be reinstated to good academic standing.

Monitoring and Support During Probation

1. Administrative Status:

- Probation serves as an administrative designation indicating that students are at risk of being withdrawn from their academic program.

2. Progress Monitoring:

- Students on probation are closely monitored throughout the probation period to evaluate their academic progress and ensure they are on track to meet required standards.

3. Academic Advising:

- Regular academic advising is provided to support students in improving their performance and meeting the necessary requirements.
- Additional course sessions may be mandated for students on probation to enhance their learning outcomes.

4. Written Notification:

- Students placed on probation will receive formal written notification outlining their status, available academic resources, and the specific steps required to regain good standing.

Suspension & Dismissal

1. Readmission After Suspension:

- Students suspended from **GLOBALTECH FLORIDA UNIVERSITY** may apply for readmission after completing a minimum of one academic term.
- Upon readmission, students will be placed on academic probation.

2. Conditions of Academic Probation:

- Students on probation must maintain a cumulative GPA above the minimum required at all times.
- Failure to meet this requirement will result in dismissal from the university, rendering the student ineligible for re-enrollment.

3. Appeal Process:

- Students dismissed from the university may appeal the decision by submitting a written request to the Head of Academic Affairs within 15 days of receiving the dismissal notice.
- Appeals will be reviewed, and the university will provide a written decision regarding the outcome.

4. Time Limit for Program Completion:

- The university enforces a maximum time frame for completing academic programs, set at 1.5 times the standard program duration.
- Failure to meet this requirement or to demonstrate satisfactory progress may lead to termination from the university.

Appeals Process

1. Filing an Appeal:

- Students wishing to appeal decisions regarding their academic status, such as suspension or probation, must submit a formal written appeal to the Head of Academic Affairs.

2. Appeal Evaluation:

- The Head of Academic Affairs will thoroughly review the appeal and hold the final authority to approve or deny it.

3. Communication of the Decision:

- The outcome of the appeal will be communicated to the student within five business days of receiving the appeal.

4. Requirements for Approval:

- To have an appeal granted, students must provide evidence of satisfactory academic progress, which may include:
 - Demonstration of improved academic performance.
 - Fulfillment of required criteria.

- o Submission of a valid explanation for previous shortcomings in meeting academic standards.

5. Final Evaluation:

- Based on the appeal and supporting evidence, the Head of Academic Affairs will decide whether the appeal is approved and if the student may continue their studies

Student Conduct Policy

GLOBALTECH FLORIDA UNIVERSITY prioritizes appropriate student behavior both in the classroom and in interactions with the broader university community. Any violation of the conduct standards outlined below may result in disciplinary actions, including expulsion.

Unacceptable Conduct

1. Academic Misconduct:

- Includes acts such as cheating, fabricating information, plagiarism, and facilitating academic dishonesty.
- Plagiarism: All submitted work must be original. Proper citation of outside sources is mandatory. Plagiarism or document falsification is a serious offense that may lead to loss of credit, suspension, or expulsion.

2. Dishonesty:

- Includes fabricating or providing false information and reporting false emergencies to the university.

3. Forgery and Misuse:

- Refers to the falsification, alteration, or misuse of documents, records, passwords, electronic devices, or university identification.

4. Unauthorized Entry:

- Involves accessing, possessing, using, or receiving any university services, equipment, or property without proper authorization.

5. Sexual Harassment:

- Defined as unwelcome sexual advances or behaviors that interfere with an individual's education or create a hostile learning environment. The university will take appropriate action to address reports of sexual harassment.

6. Stalking Behavior:

- Engaging in repeated actions that threaten or cause reasonable fear for another individual's safety.

7. Disruption of University Activities:

- Impairing or obstructing teaching, research, administration, or disciplinary processes.

8. Compliance with University Officials:

- Failing to identify oneself or comply with instructions from university officials acting within their duties may result in disciplinary sanctions.

9. Unauthorized Distribution of Materials:

- Selling, distributing, or copying lecture notes, videos, or recordings without authorization.

GLOBALTECH FLORIDA UNIVERSITY is dedicated to fostering an environment of respect, responsibility, and academic integrity. Adherence to these policies ensures a safe, respectful, and productive academic community.

Penalties for Misconduct

The Chief of Academic Affairs at **GLOBALTECH FLORIDA UNIVERSITY** holds the authority to impose penalties for violations of university policies or campus regulations, even if these violations also constitute breaches of the law. This authority extends to incidents under legal review or pending legal proceedings, enabling the university to address misconduct that affects its community effectively.

Appeals and Record Sealing:

- If an appeal determines that disciplinary action was improperly imposed, the Chief of Academic Affairs may seal the record of the hearing at the student's request.
- Any reference to the disciplinary process will be removed from the student's record, though the sealed record may still be accessed in connection with legal proceedings.

Behavioral Notices:

- The university reserves the right to issue a written notice to students suspected of violating policies or regulations, even if no formal hearing occurs.
- Such notices act as warnings, indicating that repeated misconduct may result in disciplinary action.
- Prior alleged misconduct may be considered in future disciplinary decisions.

Disciplinary Actions:

When a student is found in violation of university policies or campus regulations, the university ensures that sanctions are appropriate, fair, and proportional to the context and severity of the misconduct. Possible disciplinary actions include:

1. **Warning/Censure:**

- o A formal written notice or reprimand acknowledging a violation of university policies.
- o Continued misconduct may escalate to more severe penalties, including Disciplinary Probation, Loss of Privileges, Suspension, or Dismissal.

2. **Disciplinary Probation:**

- o A designated period during which the student must demonstrate adherence to university standards.
- o Any violation during this period may lead to more serious consequences, such as Suspension or Dismissal.

3. **Loss of Privileges and Exclusion from Activities:**

- o Temporary removal of specific privileges or exclusion from university activities.

- o Violating the terms of exclusion may result in additional sanctions, including Probation, Suspension, or Dismissal.

4. Suspension:

- o Temporary termination of student status for a specified duration.
- o Reinstatement depends on meeting all imposed conditions. Violations during suspension may result in permanent Dismissal.

5. Dismissal:

- o Permanent termination of student status.
- o Readmission after dismissal is considered only under exceptional circumstances.

6. Restitution:

- o Students may be required to reimburse the university or other parties for damages or expenses caused by their actions.
- o Restitution may involve monetary compensation or service to repair damages.

7. Revocation of Degree:

- o The revocation of a degree previously awarded is subject to approval by the university's Governing Board.

Grievance Policy

GLOBALTECH FLORIDA UNIVERSITY has established a comprehensive grievance procedure to address concerns raised by students who believe that a university decision or action has adversely impacted their status, rights, or privileges. This policy ensures a fair, transparent, and efficient process for resolving student grievances while promoting a positive and equitable academic environment.

Grievance Resolution Process

Initial Steps for Grievance Resolution: Students are encouraged to follow these steps to address their grievances:

- Step 1: Communicate directly with the relevant course professor to seek resolution.
- Step 2: If the professor cannot resolve the issue, the grievance should be referred in writing to the Chief of Academic Affairs.
- Step 3: If unresolved, the grievance will be escalated to the university President, whose decision is final.

This escalation process provides a structured pathway for addressing grievances effectively and fairly.

Informal Resolution

Encouragement of Open Dialogue: Students are encouraged to engage in direct communication with their mentor or the staff member primarily involved in the situation. This informal approach fosters dialogue and aims to resolve issues amicably.

Filing an Informal Complaint: If direct communication is not possible or fails to resolve the issue, students may register an informal complaint. Key details include:

- **Timeframe:** Students must file the informal complaint within 30 days of the triggering event.
- **Submission:** Informal complaints should be directed to the Chief of Academic Affairs via in-person meeting, phone, or email.
- **Review and Response:** The university will review the matter and notify the student of its response within 20 days.

If the resolution is unsatisfactory, students may proceed to the formal complaint process.

Formal Complaint Process

Initiating a Formal Complaint: To file a formal complaint, students must:

- Submit a written complaint to the Department Chairperson within 60 days of the triggering event.
- Clearly outline the nature of the grievance, desired resolution, and previous resolution attempts.

University Response:

- **Acknowledgment:** The university will acknowledge receipt of the complaint within 15 days.
- **Review:** An appropriate administrator will review the complaint thoroughly.
- **Resolution:** A final written determination, including the proposed resolution, will be provided within 30 days.

Record Keeping

The university will maintain comprehensive records of all formal complaints, including outcomes, in a centralized database and the student's electronic file. This ensures transparency and accountability in addressing grievances.

Students who at the end of this process feel a grievance is unresolved may refer it to:

Commission for Independent Education, Florida Department of Education

325 West Gaines Street, Tallahassee, FL 32399-0400

Phone 850.245.3200, or Toll Free 888.224.6684, or online at <http://www.fldoe.org/policy/cie>

Policy Modifications

GLOBALTECH FLORIDA UNIVERSITY reserves the right to make necessary adjustments to its academic policies, regulations, courses, fees, and other institutional guidelines as circumstances require. These modifications are designed to ensure that the university's academic programs and services remain relevant, up-to-date, and aligned with evolving educational standards and needs.

Advance Notification: The university is committed to providing students with timely advance notice of any changes that may affect their academic experience. This proactive approach enables students to stay informed and make any necessary adjustments to their academic plans, ensuring a seamless transition.

Commitment to Transparency and Adaptability: By maintaining flexibility to update policies and procedures, **GLOBALTECH FLORIDA UNIVERSITY** demonstrates its dedication to fostering a responsive and supportive academic environment. Advance communication of changes reflects the university's emphasis on transparency and its ongoing efforts to prioritize the needs and success of its students.

Non-Discrimination

GLOBALTECH FLORIDA UNIVERSITY is committed to a policy of non-discrimination, providing equal opportunities to all students, regardless of race, color, sex, age, marital status, disability (to the extent required by law), religion, creed, national origin, or ethnic background. The university ensures that all students have access to the same rights, privileges, programs, and activities available at the institution.

Commitment to Equality and Inclusion: **GLOBALTECH FLORIDA UNIVERSITY** prohibits discrimination in the administration of its educational policies, admissions procedures, and other university-run programs. This policy underscores the university's dedication to fostering an inclusive, diverse, and supportive learning environment. It ensures that every student is treated with fairness, respect, and dignity.

Fostering Diversity and Excellence: **GLOBALTECH FLORIDA UNIVERSITY** values the diverse contributions and perspectives that students from varied backgrounds bring to the campus community. By upholding this policy, the university strives to create an environment that is free from bias or prejudice, ensuring that every student has the opportunity to thrive academically, grow personally, and enjoy equal opportunities for success.

Anti-Hazing Policy

At **GLOBALTECH FLORIDA UNIVERSITY**, **hazing** is strictly prohibited. The university defines hazing as any intentional action or situation that causes mental or physical discomfort, embarrassment, harassment, or ridicule. This policy reflects our commitment to maintaining a **safe, inclusive, and respectful** environment where the well-being and dignity of every student are prioritized.

We promote mutual respect and collaboration, encouraging personal growth and ethical conduct. Any violations of the anti-hazing policy will be taken seriously, and appropriate disciplinary actions

will be enforced to address such misconduct. The university is unwavering in its dedication to ensuring a campus environment where all students can thrive without fear of harmful practices

Emergency Closure Policy

In the event of an **emergency** or **inclement weather**, the administrative office of **GLOBALTECH FLORIDA UNIVERSITY** will close as determined by Miami-Dade County in response to natural disasters (such as hurricanes).

During such situations, the administrative office will follow the guidelines set by Miami-Dade County. If an emergency occurs, the office may be closed to ensure the safety and well-being of students and staff. This approach underscores the university's commitment to safeguarding our community during challenging circumstances. We will adhere to the directives and recommendations issued by local authorities in response to these emergencies.

Course Descriptions

COURSE NUMBERING SYSTEM

The course numbering system is based on codes established by the university and does not correspond to state-level course numbering systems. Each code consists of an alphabetical prefix followed by a number. The alphabetical prefix indicates academic discipline, while the first digit identifies whether the course is lower- or upper-level. The numbers represent the academic level of the course.

Sample Course Number (BUS310)

Letters = Discipline = Business

Digits = 310 = Program Sequence

Undergraduate General Education Course Descriptions

General Education Courses

ENG210 – English Composition I – 3 credits

This course focuses on developing writing skills in English. Students will learn to write coherent and well-structured essays, with an emphasis on grammar, style, and idea organization. It delves into academic writing, research, and proper citation of sources.

ALG210 – College Algebra – 3 credits

This course covers the fundamentals of algebra, including working with linear and quadratic equations, functions, polynomial algebra, exponents, and roots. Emphasis is placed on developing problem-solving skills and applying concepts in broader scientific and real-life contexts.

PSY210 – Introduction to Psychology – 3 credits

The course covers the basics of psychology, exploring topics such as human behavior, cognition, development, emotions, personality, and psychological disorders. Students will develop a fundamental understanding of how biological, social, and cultural factors influence behavior.

ENV210 – Environmental Science – 3 credits

This course explores the interaction between natural and human systems, covering topics such as biodiversity conservation, climate change, natural resource management, and sustainable practices. Students will develop skills to assess the environmental impact of human activities, formulate mitigation and adaptation strategies, and promote balanced development that integrates ecological, economic, and social aspects.

COM210 – Introduction to Communication – 3 credits

This course offers a comprehensive view of the fundamental principles and strategies of communication, with a focus on professional communication and image management. It includes topics such as verbal and non-verbal communication, personal branding, presentation skills, corporate communication, and effective use of digital media. Students will develop skills to convey clear, coherent, and persuasive messages, aligned with professional objectives and ethical standards.

ENG220 – English Composition II – 3 credits

This course delves into writing more complex essays and research projects. Students will learn to analyze texts and develop critical skills to argue, analyze, and present ideas clearly and persuasively.

STA210 – Applied Probability and Statistics – 3 credits

This course introduces the fundamental principles of probability and applied statistics, covering topics such as random variables, probability distributions, statistical inference, and regression. Students will learn to interpret and analyze data to make informed decisions in various fields.

PHI210 – Introduction to Philosophy – 3 credits

This course explores the major branches of philosophy, including ethics, epistemology, metaphysics, and logic. Students will examine fundamental philosophical questions related to existence, knowledge, morality, and critical thinking throughout history.

COM 220 – Principles of Public Speaking – 3 credits

This course provides the tools needed to speak effectively in public. Topics such as speech preparation and organization, presentation techniques, managing nervousness, and interacting with the audience will be addressed, all aimed at improving oral communication skills in an academic and professional context.

PSY 220 – Critical Thinking and Logic – 3 credits

In this course, students will learn to develop critical thinking and logical reasoning skills. The course focuses on identifying and evaluating arguments, problem-solving, and decision-making, applying formal and informal logic principles in various contexts.

Associate of Science in Business Administration

Required Core Courses

EMT310 – Emerging and Disruptive Technologies – 3 credits

This course provides an introductory and accessible overview of the main emerging technologies that are transforming society, business, and everyday life. Technologies such as artificial intelligence, blockchain, the Internet of Things (IoT), augmented and virtual reality, 3D printing, and other key innovations will be studied. The focus will be on understanding their basic functions, their impact on various industries, and the social, ethical, and economic changes they bring about. Through examples, real case analysis, and debates, students will

develop a critical perspective on the use of these technologies and their role as active citizens in an ever-evolving digital world.

ECO310 – Microeconomic Analysis – 3 credits

This course examines the economic behavior of individuals and firms. Students will learn to apply theories of supply, demand, and market structures to support strategic decision-making.

ECO320 – Macroeconomic Analysis – 3 credits

This course analyzes economic indicators and public policies that affect the business environment. Students will learn to interpret macroeconomic variables and assess their impact on organizational management.

BUS310 – Business Economics – 3 credits

This course combines economic concepts with strategic analysis tools. Students will learn to apply economic principles to optimize resources and maximize outcomes in various business contexts.

FIN320 – Financial Management and Investment Analysis – 3 credits

This course covers essential concepts and techniques of financial management. Students will learn to evaluate investment projects, manage financial resources, and design appropriate financing strategies.

ACC310 – Managerial Accounting – 3 credits

This course examines the fundamentals of financial and managerial accounting. Students will learn how to prepare, interpret, and analyze financial statements and apply accounting techniques for strategic decision-making.

MAN310 – Process Management – 3 credits

This course analyzes the optimization of business processes to improve organizational efficiency. Students will learn to design, implement, and evaluate processes using modern management methodologies.

LEI310 – Leadership, Entrepreneurship, and Innovation – 3 credits

This course is designed to provide students with the tools and knowledge necessary to develop leadership and entrepreneurial thinking skills in innovative contexts. Students will learn about the fundamental principles of leadership, the characteristics of successful entrepreneurs, and how organizations can foster an innovative culture. Additionally, it explores the creation of new products and services, the identification of market opportunities, and change management within organizations.

BUS320 – Business Development – 3 credits

This course analyzes strategies for the creation and growth of businesses. Students will learn to design business plans, evaluate market opportunities, and manage resources to ensure business sustainability.

BUS330 – Decision Making Analysis – 3 credits

This course examines analytical tools for decision-making in complex environments. Students will learn to apply quantitative and qualitative methods to solve strategic problems.

MKT310 – Market Strategies – 3 credits

This course explores the formulation and execution of marketing strategies. Students will learn to develop effective market plans based on competition analysis, segmentation, and positioning.

BUS340 – Business Intelligence – 3 credits

This course examines techniques for data collection and analysis for strategic decision-making. Students will learn to use business intelligence tools to interpret data and generate relevant reports.

PRO310 – Project Management – 3 credits

This course analyzes methodologies and techniques for effective management of projects. Students will learn to plan, execute, and evaluate projects using both traditional and agile approaches.

FIN330 – International Finance – 3 credits

This course examines the financial aspects of international operations. Students will learn to manage financial risks, analyze global markets, and evaluate international investment opportunities.

MAN320 – Strategic Management – 3 credits

This course examines the principles and techniques for formulating, implementing, and evaluating business strategies. Students will develop skills to analyze the competitive environment and adapt strategies to a dynamic market.

Associate of Science in Computer Science

Required Core Courses

PRG310 – Programming Fundamentals – 3 credits

This course introduces students to the basics of programming and computational logic. Students will learn about control structures, variables, functions, arrays, and basic algorithms. The course lays the foundation for efficient and structured software development.

ALG310 – Linear Algebra – 3 credits

This course covers fundamental linear algebra concepts such as matrices, vectors, determinants, vector spaces, and linear transformations. Students will learn practical applications in computer science, particularly in computer graphics and machine learning.

MAT310 – Mathematical Logic and Structures – 3 credits

This course provides the essential mathematical foundations for computing, including set theory, logic, graphs, trees, combinatorics, and algorithms. Students will learn how to apply these concepts to solve computational problems.

CAL310 – Advanced Calculus – 3 credits

This course covers fundamental topics such as differential and integral calculus, vector algebra, series, and differential equations. These mathematical concepts are essential for mathematical modeling in various areas of computational science and engineering. Students will apply these concepts to solve problems related to algorithm development, data analysis, and process optimization.

OBT310 – Object-Oriented Programming– 3 credits

This course delves into the object-oriented programming paradigm, covering concepts such as encapsulation, inheritance, polymorphism, and interfaces. Students will learn to develop modular and scalable applications by applying object-oriented design principles.

SYS310 – Operating Systems and Network Management – 3 credits

This course provides foundational knowledge about the operation of operating systems and computer networks. Students will learn about processes, memory management, file systems, communication protocols, and network security.

DTB310 – Fundamentals of Databases – 3 credits

This course introduces the fundamental concepts of databases, including design, modeling, implementation, and SQL queries. Students will learn to create and manage robust and efficient database systems.

EMT310 – Emerging and Disruptive Technologies – 3 credits

This course provides an introductory and accessible view of the major emerging technologies that are transforming society, business, and everyday life. Technologies such as artificial intelligence, blockchain, Internet of Things (IoT), augmented and virtual reality, 3D printing, and other key innovations will be studied. The focus will be on understanding their basic functioning, their impact on various industries, and the social, ethical, and economic changes they bring. Through examples, real-world case studies, and discussions, students will develop a critical perspective on the use of these technologies and their role as active citizens in a rapidly evolving digital world.

ADZ310 – Advanced Database Systems – 3 credits

This course delves into advanced database techniques, including distributed systems, NoSQL databases, replication, partitioning, and processing large volumes of data. Practical applications in data analysis and cloud computing are explored.

BDM310 – Big Data Mining – 3 credits

This course focuses on extracting useful knowledge from large volumes of data. Students will learn about techniques such as classification, clustering, association, and predictive analytics, applying modern data analysis tools.

MLN310 – Introduction to Machine Learning – 3 credits

This course introduces fundamental concepts and techniques of machine learning. Students will learn about supervised and unsupervised models, neural networks, and validation techniques to develop intelligent systems applied to various fields.

CYB310 – Cybersecurity and Ethical Hacking – 3 credits

This course provides advanced knowledge of offensive cybersecurity, teaching ethical techniques for identifying and correcting vulnerabilities in information systems. Students will learn about penetration testing, risk assessment, and mitigation strategies.

PRG320 – Introduction to Functional Programming – 3 credits

This course teaches paradigms of functional programming, including pure functions, recursion, immutability, and lazy evaluation. Students will learn to develop robust applications using modern functional programming languages.

DSA310 – Distributed Systems Architecture – 3 credits

This course provides an exhaustive analysis of distributed systems and scalable architectures. Students will learn about inter-process communication, data consistency, fault tolerance, and designing distributed applications in modern environments.

LEI310 – Leadership, Entrepreneurship, and Innovation – 3 credits

This course is designed to provide students with the tools and knowledge necessary to develop leadership and entrepreneurial thinking in innovation contexts. Students will learn about the fundamental principles of leadership, the characteristics of successful entrepreneurs, and how organizations can foster an innovative culture. Additionally, it explores the creation of new products and services, market opportunity identification, and change management within organizations.

Bachelor of Science in Business Administration

Required Core Courses

PSY310 – Personal and Professional Development – 3 credits

This course addresses topics related to personal and professional growth. Students will explore theories of human development, leadership, teamwork, and essential interpersonal skills for effective performance in professional settings.

ETH310 – Introduction to Economics – 3 credits

This course introduces students to the fundamental principles and ethical practices in the professional world. It focuses on understanding moral dilemmas, professional responsibilities, and the ethical standards required across various industries. Students will explore topics such as frameworks for ethical decision-making, conflicts of interest, professional integrity, and the social and legal responsibilities of professionals.

EMT310 – Emerging and Disruptive Technologies – 3 credits

This course provides an introductory and accessible overview of the main emerging technologies that are transforming society, business, and everyday life. Technologies such as artificial intelligence, blockchain, the Internet of Things (IoT), augmented and virtual reality, 3D printing, and other key innovations will be studied. The focus will be on understanding their basic functions, their impact on various industries, and the social, ethical, and economic changes they bring about. Through examples, real case analysis, and debates, students will develop a critical perspective on the use of these technologies and their role as active citizens in an ever-evolving digital world.

ECO310 – Microeconomic Analysis – 3 credits

This course examines the economic behavior of individuals and firms. Students will learn to apply theories of supply, demand, and market structures to support strategic decision-making.

ECO320 – Macroeconomic Analysis – 3 credits

This course analyzes economic indicators and public policies that affect the business environment. Students will learn to interpret macroeconomic variables and assess their impact on organizational management.

BUS310 – Business Economics – 3 credits

This course combines economic concepts with strategic analysis tools. Students will learn to apply economic principles to optimize resources and maximize outcomes in various business contexts.

ACC310 – Managerial Accounting – 3 credits

This course examines the fundamentals of financial and managerial accounting. Students will learn how to prepare, interpret, and analyze financial statements and apply accounting techniques for strategic decision-making.

FIN310 – Principles of Financial Management – 3 credits

This course introduces students to the fundamental principles and techniques of financial management, including planning, analysis, control, and financial decision-making. Topics such as investment evaluation, capital management, financial statement analysis, budgeting, and business financing are explored. Students will develop the skills to apply financial concepts in the formulation of sustainable and profitable strategies.

FIN320 – Financial Management and Investment Analysis – 3 credits

This course covers essential concepts and techniques of financial management. Students will learn to evaluate investment projects, manage financial resources, and design appropriate financing strategies.

ECO330 – Economic Engineering – 3 credits

This course explores techniques for the economic evaluation of projects. Students will learn to apply concepts such as present value, interest rates, and cost-benefit analysis to make sound financial decisions.

MAN310 – Process Management – 3 credits

This course analyzes the optimization of business processes to improve organizational efficiency. Students will learn to design, implement, and evaluate processes using modern management methodologies.

REM310 – Research Methodology – 3 credits

This course examines qualitative and quantitative research methods. Students will learn to design research projects, collect data, and analyze results to support strategic decision-making.

LEI310 – Leadership, Entrepreneurship, and Innovation – 3 credits

This course is designed to provide students with the tools and knowledge necessary to develop leadership and entrepreneurial thinking skills in innovative contexts. Students will learn about the fundamental principles of leadership, the characteristics of successful entrepreneurs, and how organizations can foster an innovative culture. Additionally, it explores the creation of new products and services, the identification of market opportunities, and change management within organizations.

BUS320 – Business Development – 3 credits

This course analyzes strategies for the creation and growth of businesses. Students will learn to design business plans, evaluate market opportunities, and manage resources to ensure business sustainability.

BUS330 – Decision Making Analysis – 3 credits

This course examines analytical tools for decision-making in complex environments. Students will learn to apply quantitative and qualitative methods to solve strategic problems.

MKT310 – Market Strategies – 3 credits

This course explores the formulation and execution of marketing strategies. Students will learn to develop effective market plans based on competition analysis, segmentation, and positioning.

BUS340 – Business Intelligence – 3 credits

This course examines techniques for data collection and analysis for strategic decision-making. Students will learn to use business intelligence tools to interpret data and generate relevant reports.

PRO310 – Project Management – 3 credits

This course analyzes methodologies and techniques for effective management of projects. Students will learn to plan, execute, and evaluate projects using both traditional and agile approaches.

BUS350 – Business Management – 3 credits

This course offers a comprehensive view of the principles and practices of business management, covering planning, organization, leadership, and control in various organizational contexts. Students will learn about strategic leadership, resource management, effective decision-making, and business plan development. Additionally, modern approaches to responsible and adaptable management in dynamic and globalized environments are explored.

COM315 – International Trade – 3 credits

This course explores fundamental concepts of global trade and their strategic implications. Students will learn to design internationalization plans considering trade agreements, logistics, and financing.

FIN330 – International Finance – 3 credits

This course examines the financial aspects of international operations. Students will learn to manage financial risks, analyze global markets, and evaluate international investment opportunities.

MAN320 – Strategic Management – 3 credits

This course examines the principles and techniques for formulating, implementing, and evaluating business strategies. Students will develop skills to analyze the competitive environment and adapt strategies to a dynamic market.

Major in Strategic Business Intelligence and Innovation**MKT410 – Market Intelligence – 3 credits**

This course explores advanced methods for gathering, analyzing, and interpreting market data. Students will learn to identify trends, segment markets, and develop data-driven strategies to maximize business performance.

BUS410 – Business Analyst – 3 credits

This course analyzes business analysis techniques for identifying strategic needs and opportunities. Students will learn to apply methodologies for gathering requirements, modeling processes, and evaluating effective solutions.

BUS420 – Strategic Decision Models – 3 credits

This course examines quantitative and qualitative models for strategic decision-making. Students will learn to develop innovative solutions using analytical techniques and problem-solving methodologies.

BUS430 – Management Systems – 3 credits

This course explores the use of management information systems for strategic decision-making. Students will learn to implement technological solutions that optimize processes, improve efficiency, and facilitate business innovation.

MKT420 – Strategic Marketing Management – 3 credits

This course examines the formulation and implementation of marketing strategies aimed at competitiveness. Students will learn to develop strategic plans that align organizational capabilities with market opportunities.

BUS440 – Quality Management – 3 credits

This course analyzes principles and tools for ensuring product and service quality. Students will learn to implement quality management systems that promote continuous improvement and organizational innovation.

BUS450 – Risk Management – 3 credits

This course explores techniques for identifying, evaluating, and mitigating organizational risks. Students will learn to apply risk management methodologies to ensure sustainability and innovation of business processes.

BBA480 – Capstone Written Project - Business Administration – 3 credits

This course allows students to apply the knowledge acquired in a practical project, developing innovative solutions to real business challenges in areas such as marketing, finance, human resources, or technological innovation. The objective is to integrate knowledge, foster teamwork, leadership, and project management skills, and present solutions to a panel of experts.

Major in Global Trade

INT410 – Strategic Trade Management – 3 credits

This course examines global business strategies aimed at competitiveness. Students will learn to design strategic plans considering international treaties, trade policies, and global market trends.

INT420 – International Logistics – 3 credits

This course explores concepts and techniques of logistics management in a global environment. Students will learn to design, implement, and optimize logistics systems considering costs, time, regulations, and sustainability.

INT430 – Customs and Trade Regulations – 3 credits

This course examines the regulatory framework governing international trade. Students will learn to apply customs procedures and comply with current regulations to ensure efficient business operations.

INT440 – Trade Analytics – 3 credits

This course explores data analysis techniques applied to global trade. Students will learn to interpret business data to identify opportunities, assess risks, and optimize import and export processes.

MKT440 – Global Marketing Strategies – 3 credits

This course analyzes marketing strategies applied to international markets. Students will learn to adapt products, pricing, promotion, and distribution considering cultural, legal, and economic differences.

INT450 – Customs Processes Management – 3 credits

This course explores essential customs procedures and regulations for international trade. Students will learn to manage import and export procedures ensuring compliance with regulations.

ECO460 – E-commerce – 3 credits

This course examines the impact of e-commerce on the globalization of markets. Students will learn to develop effective digital strategies for international sales and optimize purchasing and distribution processes.

BBA480 – Capstone Written Project - Business Administration – 3 credits

This course allows students to apply the knowledge acquired in a practical project, developing innovative solutions to real business challenges in areas such as marketing, finance, human resources, or technological innovation. The objective is to integrate knowledge, foster teamwork, leadership, and project management skills, and present solutions to a panel of experts.

Major in Strategic Financial Management and Fintech

FIN410 – Project Finance and Fintech – 3 credits

This course analyzes innovative strategies in project financing using emerging financial technologies. Students will learn to structure projects using fintech and evaluate their economic viability.

FIN420 – Strategic Financial Management – 3 credits

This course explores the formulation of financial strategies to maximize organizational value. Students will learn to design financial plans aligned with the company's strategic objectives.

FIN430 – Risk Management in Finance – 3 credits

This course examines advanced techniques to identify, measure, and manage financial risks. Students will learn to develop strategies to mitigate risks and ensure the organization's financial sustainability.

FIN440 – Financial Engineering – 3 credits

This course explores quantitative methods and innovative techniques for designing complex financial products. Students will learn to apply financial engineering to optimize portfolios and hedge risks.

FIN450 – Financial Instruments and Portfolio Management – 3 credits

This course analyzes the comprehensive management of investment portfolios considering profitability, risk, and liquidity. Students will learn to apply advanced financial models for portfolio optimization.

BUS460 – Corporate Valuation – 3 credits

This course examines methods and techniques to determine the financial value of companies and assets. Students will learn to conduct detailed analyses for mergers, acquisitions, and strategic decision-making processes.

FIN470 – Decision-Making with Financial Models – 3 credits

This course explores the application of quantitative models to solve complex financial problems. Students will learn to develop prediction and simulation models for effective decision-making.

BA480 – Capstone Written Project - Business Administration – 3 credits

This course allows students to apply the knowledge acquired in a practical project, developing innovative solutions to real business challenges in areas such as marketing, finance, human resources, or technological innovation. The objective is to integrate knowledge, foster teamwork, leadership, and project management skills, and present solutions to a panel of experts.

Major in Agile People Management and Organizational Innovation**APM410 – Agile Practices and Organizational Innovation – 3 credits**

This course explores agile methodologies applied to people management and organizational innovation. Students will learn to implement agile frameworks to foster adaptability, creativity, and efficiency in multidisciplinary teams.

APM420 – Organizational Transformation and Change Management – 3 credits

This course analyzes techniques for leading and managing organizational change processes. Students will learn to design effective strategies to develop innovative and resilient organizational cultures.

APM430 – People Analytics and HR Technology – 3 credits

This course examines the use of technology and data analysis for strategic talent management. Students will learn to apply HRTech tools to optimize decision-making and improve organizational performance.

APM440 – Behavior and Culture in Organizations – 3 credits

This course explores theories and practices related to human behavior in the workplace. Students will learn to assess and improve organizational culture to align it with strategic objectives.

APM450 – Leadership Skills and Team Management – 3 credits

This course develops essential competencies for effective team management. Students will learn leadership, communication, and motivation techniques to achieve high levels of organizational performance.

APM460 – Succession Planning and High-Performance Teams– 3 credits

This course analyzes strategies for developing and retaining high-performance talent. Students will learn to design effective succession plans and foster practices that drive sustained organizational performance.

APM470 – Employer Branding – 3 credits

This course examines strategies for positioning the organization as an attractive employer. Students will learn to develop initiatives that strengthen the corporate image and improve the employee experience.

BA480 – Capstone Written Project - Business Administration – 3 credits

This course allows students to apply the knowledge acquired in a practical project, developing innovative solutions to real business challenges in areas such as marketing, finance, human resources, or technological innovation. The objective is to integrate knowledge, foster teamwork, leadership, and project management skills, and present solutions to a panel of experts.

Major in International and Digital Business

DBU410 – Big Data in Business – 3 credits

This course explores the analysis and management of large volumes of data for decision-making in the context of international business. Students will learn to use Big Data tools to identify trends, predict behaviors, and optimize global business operations.

DBU420 – Global Communication Strategies – 3 credits

This course examines the barriers and opportunities in communication between cultures in international business. Students will learn to develop skills to interact effectively with people from diverse cultures and contexts, fostering global negotiations and collaborations.

DBU430 – Global Market Negotiations – 3 credits

This course analyzes the dynamics of negotiation in the international context, considering cultural, political, and economic differences. Students will learn to design effective strategies to negotiate business agreements in a globalized environment.

FIN480 – Finance for Business – 3 credits

This course provides an understanding of the financial principles applied to the international business context. Students will learn to manage profitability, cash flow, and financial decision-making in global markets.

BUS470 – Global Business Strategy – 3 credits

This course offers an overview of the challenges and opportunities in international business. Students will learn to manage business operations in different global markets, considering economic, cultural, and political factors.

CYB440 – Cybersecurity in Digital Business – 3 credits

This course examines the cybersecurity risks in the context of international digital business. Students will learn to identify, prevent, and mitigate cyber threats that could affect e-commerce operations at a global level.

MKT490 – Global Marketing – 3 credits

This course explores marketing strategies applied to international markets. Students will learn to adapt products, prices, promotional strategies, and distribution to the specificities of different markets and cultures, maximizing global competitiveness.

BA480 – Capstone Written Project - Business Administration – 3 credits

This course allows students to apply the knowledge acquired in a practical project, developing innovative solutions to real business challenges in areas such as marketing, finance, human resources, or technological innovation. The objective is to integrate

knowledge, foster teamwork, leadership, and project management skills, and present solutions to a panel of experts.

Bachelor of Science in Marketing

Required Core Courses

COM310 – Media and Communication Basics – 3 credits

This course provides an overview of the role and influence of media in modern society. It explores the different types of media (print, digital, audiovisual), their functions, and the impact of emerging technologies on content production and consumption. Students will learn about the basic principles of media communication, media theories, and the ethics and responsibility involved in creating and distributing content, paving the way for a deep understanding of media and its relationship with marketing and communication.

PSY310 – Personal and Professional Development – 3 credits

This course addresses topics related to personal and professional growth. Students will explore theories of human development, leadership, teamwork, and essential interpersonal skills for success in professional settings.

COM320 – Communication Planning and Strategy – 3 credits

This course examines the design and implementation of communication strategies to achieve specific objectives. Students will learn to develop integrated communication plans considering the target audience, message, and appropriate channels.

COM330 – Communication in Teams – 3 credits

This course focuses on communication dynamics in collaborative environments. Students will learn to identify communication barriers, facilitate effective discussions, and apply techniques for conflict resolution and group decision-making.

COM340 – Media Strategy and Audience Targeting – 3 credits

This course explores strategies and techniques to identify, segment, and analyze audiences across various media platforms. Students will learn to design effective media plans that maximize the reach and effectiveness of marketing campaigns.

REM310 – Research Methodology – 3 credits

This course teaches fundamental methods and techniques for designing, conducting, and presenting scientific research across various disciplines. It includes problem formulation, qualitative and quantitative data collection and analysis, result interpretation, and report writing, with an emphasis on methodological rigor and research ethics.

ETH310 – Professional Ethics – 3 credits

This course introduces students to the fundamental principles and ethical practices in the professional world. It focuses on understanding moral dilemmas, professional responsibilities, and the ethical standards required across various industries. Students will explore topics

such as frameworks for ethical decision-making, conflicts of interest, professional integrity, and the social and legal responsibilities of professionals.

MAN320 – Strategic Management – 3 credits

This course examines the principles and techniques for the formulation, implementation, and evaluation of business strategies. Students will develop skills to analyze the competitive environment and adapt strategies to a dynamic market.

ACC310 – Managerial Accounting – 3 credits

This course examines the fundamentals of financial and managerial accounting. Students will learn how to prepare, interpret, and analyze financial statements and apply accounting techniques for strategic decision-making.

MKT330 – Marketing Fundamentals – 3 credits

This course introduces fundamental marketing concepts, including market analysis, segmentation, positioning, and the development of strategies related to product, pricing, promotion, and distribution.

COM350 – Public and Consumer Behavior – 3 credits

This course analyzes consumer behavior and the psychology behind purchasing decisions. Students will learn to identify and understand different market segments to develop effective strategies.

MKT410 – Market Intelligence – 3 credits

This course explores advanced methods for collecting, analyzing, and interpreting market data. Students will learn to identify trends, segment markets, and develop data-driven strategies to maximize business performance.

BRA310 – Brand Management – 3 credits

This course examines the development and management of strong and consistent brands. Students will learn to create effective brand identities and positioning strategies that resonate with target audiences.

SAL310 – Sales Management – 3 credits

This course addresses the planning, execution, and control of sales processes. Students will learn to design effective sales strategies and manage sales teams with a results-oriented approach.

ECO460 – E-commerce – 3 credits

This course examines the impact of e-commerce on the globalization of markets. Students will learn to develop effective digital strategies for international sales and the optimization of purchasing and distribution processes.

DIG310 – Digital Trade and Platforms – 3 credits

This course explores the digital transformation in marketing and communication. Students will learn to use digital tools and develop innovative strategies to reach target audiences.

DIG320 – Fundamentals of Digital Design – 3 credits

This course introduces basic graphic design concepts and tools. Students will learn to create effective visual materials for marketing campaigns using specialized software.

DIG330 – Advanced Visual Communication – 3 credits

This course delves into advanced digital design techniques. Students will develop skills to create graphic and audiovisual pieces that strengthen brand communication.

EMT310 – Emerging and Disruptive Technologies – 3 credits

This course provides an introductory and accessible overview of the main emerging technologies transforming society, business, and everyday life. Technologies such as artificial intelligence, blockchain, the Internet of Things (IoT), augmented and virtual reality, 3D printing, and other key innovations will be studied. The focus will be on understanding their basic functioning, their impact across various industries, and the social, ethical, and economic changes they bring about. Through examples, real case analyses, and discussions, students will develop a critical perspective on the use of these technologies and their role as active citizens in a constantly evolving digital world.

LEI310 – Leadership, Entrepreneurship, and Innovation – 3 credits

This course is designed to provide students with the tools and knowledge needed to develop leadership and entrepreneurial thinking skills in innovation-driven contexts. Students will learn about the fundamental principles of leadership, the characteristics of successful entrepreneurs, and how organizations can foster an innovative culture. Additionally, it explores the creation of new products and services, the identification of market opportunities, and change management within organizations.

COM360 – Visual Media Production – 3 credits

This course provides the technical and creative skills necessary for the production of professional visual content, with an emphasis on photography and video for marketing and communication strategies. Students will learn concepts such as lighting, composition, editing, and post-production, applying modern techniques to create engaging and coherent material for advertising campaigns and branding efforts.

COM370 – Professional and Strategic Writing – 3 credits

This course teaches advanced writing strategies for various communication contexts, both journalistic and corporate. It includes writing techniques for articles, press releases, corporate reports, and digital content. Students will develop skills to convey clear, persuasive messages aligned with brand identity, maintaining consistency and professionalism across different media platforms.

Major in Strategic Marketing and Digital Commerce

MKT420 – Strategic Marketing Management – 3 credits

This course examines the formulation and implementation of marketing strategies aimed at enhancing competitiveness. Students will learn to develop strategic plans that align organizational capabilities with market opportunities.

MKT440 – Global Marketing Strategies – 3 credits

This course analyzes marketing strategies applied to international markets. Students will learn to adapt products, pricing, promotion, and distribution to cultural, legal, and economic differences.

MKT430 – Market Insights and Neuromarketing – 3 credits

This course provides advanced tools for market research with a focus on applied neuroscience. Students will learn to gain deep consumer insights using innovative techniques that enhance understanding of consumer behavior.

MKT450 – Digital Campaign Strategies and Positioning – 3 credits

This course focuses on the development of effective digital campaigns. Students will learn to position brands in online environments using innovative digital marketing strategies.

MKT460 – Blended Marketing Strategies – 3 credits

This course examines the integration of traditional and digital channels. Students will develop hybrid marketing strategies that maximize the reach and effectiveness of campaigns.

BUS445 – Pricing and Budgeting Strategies – 3 credits

This course explores techniques for pricing and budget planning. Students will learn to apply strategies that maximize profitability in competitive environments.

MKT470 – Retail Marketing and Merchandising – 3 credits

This course focuses on retail sales management and merchandising strategies. Students will learn to optimize customer experience at both physical and digital points of sale.

MKT480 – Capstone Written Project - Marketing – 3 credits

This course allows students to apply their knowledge in digital content creation and immersive technologies to develop a marketing campaign. Working in teams, students will design and execute a campaign using digital tools, augmented reality, 3D design, and interactive media. The approach is hands-on and instructor-guided, culminating in a final presentation where the effectiveness of strategies is evaluated using specific digital and immersive marketing metrics.

Major in Digital Marketing, Branding & Multimedia Communication

DIM410 – Digital Marketing – 3 credits

This course offers a comprehensive approach to digital strategies and tools for promoting products and services. Students will learn to develop campaigns using social media, SEO, SEM, and content marketing.

DIM420 – Crisis Management and Stakeholder Engagement – 3 credits

This course addresses the identification and management of stakeholders in critical situations. Students will learn to design strategic communication plans for crisis scenarios and protect corporate reputation in dynamic environments.

DIM430 – Digital Presence and Search Engine Optimization – 3 credits

This course focuses on strategies to optimize brand visibility and reputation in digital environments. Students will learn techniques in SEO, digital branding, and performance analysis on digital platforms.

DIM440 – Transmedia and Content Strategy – 3 credits

This course explores storytelling and communication across multiple platforms. Students will learn to design cohesive communication strategies using both traditional and digital media.

DIM450 – Digital Storytelling and Multimedia Design – 3 credits

This course delves into the creation of effective visual and audiovisual narratives. Students will learn to apply storytelling principles to connect meaningfully with audiences.

DIM460 – User Experience (UX) Design and Research – 3 credits

This course focuses on user experience and customer-centered design. Students will learn to apply research methodologies to improve the usability and accessibility of digital products.

DIM470 – Digital Event Management – 3 credits

This course examines the planning and management of digital events. Students will learn to use technological tools to design interactive experiences and measure their impact.

MKT480 – Capstone Written Project - Marketing – 3 credits

This course allows students to apply their knowledge in digital content creation and immersive technologies to develop a marketing campaign. Working in teams, students will design and execute a campaign using digital tools, augmented reality, 3D design, and interactive media. The approach is hands-on and instructor-guided, culminating in a final presentation where the effectiveness of strategies is evaluated using specific digital and immersive marketing metrics.

Major in Brand Experience and Public Relations Management

BEM410 – Media Relations and Management – 3 credits

This course explores the management of media within the context of public relations and brand management. Students will learn to select, plan, and execute media campaigns across traditional and digital platforms using audience segmentation and analytics techniques. The course also covers strategies for creating relevant content, managing brand image in the media, and measuring campaign effectiveness—all within an ethical and strategic framework.

BEM420 – Brand Storytelling – 3 credits

This course focuses on the art of creating and delivering emotionally resonant stories—an essential skill in brand management and public relations. Students will learn to develop powerful and coherent narratives that reinforce brand identity and foster authentic connections with consumers. Storytelling techniques will be applied across multiple channels, including digital media, advertising, and public relations campaigns.

DIM420 – Crisis Management and Stakeholder Engagement – 3 credits

This course addresses the identification and management of stakeholders in critical situations. Students will learn to design strategic communication plans for crisis scenarios and protect corporate reputation in dynamic environments.

BEM440 – Event Planning and Brand Sponsorship – 3 credits

This course explores the planning, organization, and execution of corporate and sponsored events. Students will learn to develop creative proposals, coordinate teams, and evaluate outcomes to enhance brand experience.

BEM450 – Public Relations Campaigns and Strategies – 3 credits

This course teaches how to design, implement, and evaluate effective public relations campaigns. Students will learn to apply innovative strategies to improve corporate image and strengthen public relationships.

BEM460 – Public Relations Fundamentals – 3 credits

This course analyzes the core principles of public relations, including image management, institutional communication, and reputation-building strategies.

BEM470 – Applied Creativity in Branding – 3 credits

This course fosters the development of creativity in communication, branding, and public relations. Students will learn techniques for generating innovative ideas and transforming them into effective strategic proposals.

MKT480 – Capstone Written Project - Marketing – 3 credits

This course allows students to apply their knowledge in digital content creation and immersive technologies to develop a marketing campaign. Working in teams, students will design and execute a campaign using digital tools, augmented reality, 3D design, and interactive media. The approach is hands-on and instructor-guided, culminating in a final presentation where the effectiveness of strategies is evaluated using specific digital and immersive marketing metrics.

Major in Digital Content Creation and Immersive Media Marketing

DIM440 – Transmedia and Content Strategy – 3 credits

This course explores narrative and communication across multiple platforms. Students will learn to design cohesive communication strategies using both traditional and digital media.

MEM420 – 3D Modeling and Animation Techniques – 3 credits

This course teaches advanced techniques in 3D modeling, texturing, and animation. Students will learn to create virtual environments and characters for advertising and narrative projects.

MEM430 – Digital Compositing and Visual Effects – 3 credits

This course focuses on techniques for visual composition and editing. Students will learn to manipulate images and graphics to create innovative and engaging content.

MEM440 – Narrative Techniques in Digital Media – 3 credits

This course delves into the construction of visual and auditory narratives. Students will develop skills to create immersive content using cinematic and multimedia techniques.

MEM450 – Digital Content Production and Strategy – 3 credits

This course explores the creation of content for various digital platforms, with a focus on the production of videos, podcasts, and other innovative formats.

MEM460 – Sound Design for Digital Media – 3 credits

This course addresses the creation and manipulation of audio for multimedia projects. Students will learn to produce sound effects, music, and ambient soundscapes.

MEM470 – Screenwriting for Digital Media – 3 credits

This course teaches scriptwriting and narrative structuring techniques for digital projects. Students will learn to design effective narratives adapted to diverse media formats.

MKT480 – Capstone Written Project - Marketing – 3 credits

This course allows students to apply their knowledge in digital content creation and immersive technologies to develop a marketing campaign. Working in teams, students will design and execute a campaign using digital tools, augmented reality, 3D design, and interactive media. The approach is hands-on and instructor-guided, culminating in a final presentation where the effectiveness of strategies is evaluated using specific digital and immersive marketing metrics.

Bachelor of Science in Computer Science

Required Core Courses

PRG310 – Programming Fundamentals – 3 credits

This course introduces students to the basics of programming and computational logic. Students will learn about control structures, variables, functions, arrays, and basic algorithms. The course lays the foundation for efficient and structured software development.

ALG310 – Linear Algebra – 3 credits

This course covers fundamental linear algebra concepts such as matrices, vectors, determinants, vector spaces, and linear transformations. Students will learn practical applications in computer science, particularly in computer graphics and machine learning.

MAT310 – Mathematical Logic and Structures – 3 credits

This course provides the essential mathematical foundations for computing, including set theory, logic, graphs, trees, combinatorics, and algorithms. Students will learn how to apply these concepts to solve computational problems.

PHY310 – Fundamentals of Physics – 3 credits

This course offers a basic understanding of classical physics, including mechanics, dynamics, energy, and motion. Emphasis is placed on the application of physical principles in the design and operation of computational systems and electronic devices.

CAL310 – Advanced Calculus – 3 credits

This course covers fundamental topics such as differential and integral calculus, vector algebra, series, and differential equations. These mathematical concepts are essential for mathematical modeling in various areas of computational science and engineering. Students will apply these concepts to solve problems related to algorithm development, data analysis, and process optimization.

OBT310 – Object-Oriented Programming– 3 credits

This course delves into the object-oriented programming paradigm, covering concepts such as encapsulation, inheritance, polymorphism, and interfaces. Students will learn to develop modular and scalable applications by applying object-oriented design principles.

SYS310 – Operating Systems and Network Management – 3 credits

This course provides foundational knowledge about the operation of operating systems and computer networks. Students will learn about processes, memory management, file systems, communication protocols, and network security.

LEG310 – Legal Aspects of Information Systems – 3 credits

This course introduces students to the laws, regulations, and standards that govern technology and computing. Topics related to privacy, intellectual property, security, and professional ethics will be analyzed.

PSY310 – Personal and Professional Development – 3 credits

This course addresses topics related to personal and professional growth. Students will explore human development theories, leadership, teamwork, and interpersonal skills essential for their performance in the professional environment.

DTB310 – Fundamentals of Databases – 3 credits

This course introduces the fundamental concepts of databases, including design, modeling, implementation, and SQL queries. Students will learn to create and manage robust and efficient database systems.

MAT320 – Advanced Mathematics – 3 credits

This course covers advanced concepts in mathematics applied to areas such as mathematical analysis, multivariable calculus, and advanced algebra. Students will learn to solve complex problems using mathematical tools in engineering, applied sciences, and economics contexts. The focus is on the use of partial derivatives, multiple integrals, and optimization, providing a solid foundation for system analysis and quantitative decision-making.

PHY320 – Advanced Physics – 3 credits

This course continues the study of applied physics, focusing on topics such as electromagnetism, optics, thermodynamics, and waves. Students will delve into the principles governing physical phenomena, developing skills to apply these laws in various technological

and scientific applications. Through practical exercises and theory, students will understand how physical principles relate to real-world engineering and applied science problems.

EMT310 – Emerging and Disruptive Technologies – 3 credits

This course provides an introductory and accessible view of the major emerging technologies that are transforming society, business, and everyday life. Technologies such as artificial intelligence, blockchain, Internet of Things (IoT), augmented and virtual reality, 3D printing, and other key innovations will be studied. The focus will be on understanding their basic functioning, their impact on various industries, and the social, ethical, and economic changes they bring. Through examples, real-world case studies, and discussions, students will develop a critical perspective on the use of these technologies and their role as active citizens in a rapidly evolving digital world.

ADZ310 – Advanced Database Systems – 3 credits

This course delves into advanced database techniques, including distributed systems, NoSQL databases, replication, partitioning, and processing large volumes of data. Practical applications in data analysis and cloud computing are explored.

REM310 – Research Methodology – 3 credits

This course teaches fundamental methods and techniques for designing, executing, and presenting scientific research across various disciplines. It includes problem formulation, data collection and analysis (both qualitative and quantitative), interpretation of results, and report writing, with an emphasis on methodological rigor and ethics in research.

BDM310 – Big Data Mining – 3 credits

This course focuses on extracting useful knowledge from large volumes of data. Students will learn about techniques such as classification, clustering, association, and predictive analytics, applying modern data analysis tools.

MLN310 – Introduction to Machine Learning – 3 credits

This course introduces fundamental concepts and techniques of machine learning. Students will learn about supervised and unsupervised models, neural networks, and validation techniques to develop intelligent systems applied to various fields.

CYB310 – Cybersecurity and Ethical Hacking – 3 credits

This course provides advanced knowledge of offensive cybersecurity, teaching ethical techniques for identifying and correcting vulnerabilities in information systems. Students will learn about penetration testing, risk assessment, and mitigation strategies.

PRG320 – Introduction to Functional Programming – 3 credits

This course teaches paradigms of functional programming, including pure functions, recursion, immutability, and lazy evaluation. Students will learn to develop robust applications using modern functional programming languages.

DSA310 – Distributed Systems Architecture – 3 credits

This course provides an exhaustive analysis of distributed systems and scalable architectures. Students will learn about inter-process communication, data consistency, fault tolerance, and designing distributed applications in modern environments.

LEI310 – Leadership, Entrepreneurship, and Innovation – 3 credits

This course is designed to provide students with the tools and knowledge necessary to develop leadership and entrepreneurial thinking in innovation contexts. Students will learn about the fundamental principles of leadership, the characteristics of successful entrepreneurs, and how organizations can foster an innovative culture. Additionally, it explores the creation of new products and services, market opportunity identification, and change management within organizations.

ETH310 – Professional Ethics – 3 credits

This course introduces students to the fundamental principles and ethical practices in the professional world. It focuses on understanding moral dilemmas, professional responsibilities, and the ethical standards required in various industries. Students will explore topics such as frameworks for ethical decision-making, conflicts of interest, professional integrity, and the social and legal responsibilities of professionals.

Major in Infrastructure and Security**SEC410 – Cybercrime and Forensic Analysis – 3 credits**

This course provides students with a comprehensive approach to the identification, preservation, analysis, and reporting of digital evidence in corporate and governmental environments. Students will learn advanced methodologies and tools for cyber incident investigations, security audits, and regulatory compliance. Data recovery techniques, malware analysis, event reconstruction, and proper presentation of findings in legal and regulatory processes will be explored.

SEC420 – Computer Networks and Communications – 3 credits

This course addresses the design, implementation, and management of secure communication networks in modern environments. Students will learn about communication protocols, network architectures, and emerging connectivity technologies. Additionally, advanced security strategies will be explored to protect networks from internal and external threats, including firewalls, intrusion detection systems, and secure protocols. Case studies illustrating challenges and solutions in protecting critical infrastructures will also be analyzed.

SEC430 – Operating System Fundamentals – 3 credits

This course offers an in-depth analysis of modern operating systems and their essential role in technological infrastructure. Students will learn advanced concepts in resource management, system security, process and memory management, as well as file protection and access control. Common vulnerabilities and mitigation strategies will be explored, emphasizing the importance of security in distributed and critical operating systems.

SEC440 – Digital Logic Design – 3 credits

This course explores the fundamentals of digital logic and its application in designing secure computational systems. Students will learn about Boolean algebra, combinational and sequential circuits, and microprocessor architecture. Security aspects related to hardware implementation will also be examined, identifying potential risks and developing mitigation strategies.

BID450 – Big Data Processing – 3 credits

This course examines techniques and technologies for the efficient and secure processing of large volumes of data. Students will learn how to design distributed architectures using platforms such as Hadoop and Spark, ensuring the integrity and confidentiality of the processed information. Challenges related to data security in massive data management, including access policies, privacy protection, and data recovery in distributed environments, will be explored.

SOF460 – Software Systems Engineering – 3 credits

This course delves into the design and development of secure software, applying advanced engineering methodologies to ensure the protection of critical systems. Students will learn about modular architectures, security testing, software maintenance, and strategies for preventing vulnerabilities. Case studies illustrating effective practices in building secure software and its implementation in complex business environments will be explored.

DAT470 – Database Systems – 3 credits

This course covers advanced concepts in database management with a focus on the security and integrity of information. Students will learn to design distributed and non-relational database systems, applying encryption techniques, access control, and auditing to ensure the protection of critical data. Disaster recovery mechanisms and strategies for implementing secure databases in business environments will also be explored.

CSC480 – Capstone Written Project - Computer Science – 3 credits

This final course provides students with the opportunity to apply all the knowledge and skills acquired throughout their studies. Students will develop an original project related to their specialization, from conceptualization and planning to implementation and evaluation. The use of scientific methodologies and advanced techniques in areas such as software development, data analysis, artificial intelligence, cybersecurity, and more will be encouraged.

Major in Intelligent Systems and Data Science

STA410 – Statistical Methods for Machine Learning – 3 credits

This course provides students with a fundamental understanding of machine learning methods used for data-driven decision-making. Students will learn how to apply supervised and unsupervised algorithms, evaluating their performance using appropriate statistical metrics. Techniques such as regression, classification, and clustering will be explored, as well as model validation to optimize the accuracy and efficiency of intelligent systems.

DAT420 – Multivariate Data Analysis – 3 credits

This course introduces students to advanced data analysis techniques that involve multiple variables simultaneously. Statistical methods such as multiple regression, principal component analysis (PCA), factor analysis, and clustering analysis will be explored. Students will learn to apply these techniques to solve complex problems in areas like artificial intelligence, machine learning, and data science. The course will also focus on interpreting results and applying them in informed decision-making using large data sets.

ITS430 – Deep Learning – 3 credits

This course covers advanced concepts in deep neural networks, providing students with the skills needed to design and implement complex architectures. Students will learn about CNNs, RNNs, Transformers, and GANs, applying them.

DAT440 – Applied Data Science – 3 credits

This course offers a hands-on approach to applying data analysis techniques to solve real-world problems across various industries. Students will learn how to extract, clean, transform, and analyze data using advanced programming tools. Methodologies for interpreting results and communicating findings effectively through reports and comprehensible visualizations will also be explored.

ITS450 – Natural Language Processing – 3 credits

This course explores modern techniques for interpreting and generating natural language through advanced artificial intelligence algorithms. Students will learn to apply methods such as embeddings, sentiment analysis, machine translation, and text generation. Practical cases will be analyzed to implement systems that effectively interact with human language.

ITS460 – Neural Network Fundamentals – 3 credits

This course provides comprehensive knowledge of designing, training, and optimizing neural networks for building intelligent systems. Students will learn about advanced architectures, regularization techniques, and backpropagation methods. Practical applications in pattern recognition, image classification, and processing unstructured data will also be explored.

ITS470 – Personalized Information Systems – 3 credits

This course offers a detailed analysis of the design and implementation of personalized systems that provide accurate recommendations to individual users. Students will learn to apply techniques like collaborative filtering, content-based filtering, and hybrid approaches. Applications in e-commerce, entertainment, and marketing will be explored, optimizing user experiences through effective recommendations.

CSC480 – Capstone Written Project - Computer Science – 3 credits

This final course provides students with the opportunity to apply all the knowledge and skills acquired throughout their studies. Students will develop an original project related to their specialization, from conceptualization and planning to implementation and evaluation. The use of scientific methodologies and advanced techniques in areas such as software development, data analysis, artificial intelligence, cybersecurity, and more will be encouraged.

Major in Internet of Things and Embedded Systems**PRG410 – Embedded Systems Programming – 3 credits**

This course provides a practical approach to the design and development of embedded systems, from basic programming to advanced applications. Students will learn to use microcontrollers, real-time operating systems, and specific programming languages.

Additionally, debugging, optimization, and testing methods will be explored to ensure the efficiency and reliability of embedded devices in IoT applications.

ITH420 – Security in Internet of Things – 3 credits

This course addresses the specific security challenges in the design and implementation of IoT devices. Students will learn about encryption techniques, authentication, and data protection to ensure the integrity, confidentiality, and availability of connected systems. Common vulnerabilities and mitigation strategies in IoT device networks will also be explored.

ITH430 – IoT Standards and Protocols – 3 credits

This course offers a comprehensive analysis of the fundamental standards and protocols governing the IoT ecosystem. Students will learn about interoperability, communication, and device management through protocols like MQTT, CoAP, and HTTP. Additionally, international regulations and their impact on the adoption and regulation of IoT technologies will be explored.

ITH440 – Sensor Technology and Integration – 3 credits

This course explores the design and use of sensors in IoT systems, covering their operation, calibration, and communication with embedded devices. Students will learn to integrate sensors and actuators using standard protocols, designing effective interfaces for real-time data acquisition and processing.

ELE450 – Electrical Circuit Fundamentals – 3 credits

This course provides a deep understanding of the fundamental principles of electrical circuits and their application in IoT and embedded systems. Students will learn about circuit analysis, Kirchhoff's laws, active and passive components, and design techniques to ensure efficiency and robustness in electronic devices.

ELE460 – Electronic Systems and Devices – 3 credits

This course introduces concepts of electronics, including semiconductor devices, analog and digital circuits. Students will learn about circuit design and analysis, as well as its application in embedded systems and IoT devices. Additionally, simulation and testing techniques will be explored to ensure the functionality and efficiency of the developed circuits.

ITH470 – Design Patterns for IoT Systems – 3 credits

This course offers an advanced approach to the architectural design of scalable and efficient IoT solutions. Students will learn to apply specific design patterns for connectivity, device management, and security in IoT architectures. Case studies illustrating the effective implementation of robust architectures across various industries will also be explored.

CSC480 – Capstone Written Project - Computer Science – 3 credits

This final course provides students with the opportunity to apply all the knowledge and skills acquired throughout their studies. Students will develop an original project related to their specialization, from conceptualization and planning to implementation and evaluation. The use of scientific methodologies and advanced techniques in areas such as software development, data analysis, artificial intelligence, cybersecurity, and more will be encouraged.

Major in DevSecOps and Cloud-Based Software Engineering

DSO410 – DevSecOps for Business Applications – 3 credits

This course addresses the implementation of DevSecOps practices in business environments to ensure secure and efficient development. Students will learn about continuous integration, continuous delivery, and security from the early stages of development. Additionally, tools and methodologies that automate security processes and testing in cloud-deployed applications will be explored.

CLO420 – Cloud-Based Systems Architecture – 3 credits

This course offers a comprehensive analysis of cloud architectures and services, focusing on the design, implementation, and management of scalable and secure infrastructures. Students will learn about cloud computing platforms, resource management, orchestration, and cloud security, applying best practices to ensure the availability and resilience of critical applications.

SOF430 – Secure Software Engineering – 3 credits

This course provides advanced techniques for developing secure software by identifying and mitigating vulnerabilities in web and mobile applications. Students will learn about secure coding methodologies, input validation, encryption, and robust authentication practices. Additionally, case studies will be analyzed to apply security principles throughout the software lifecycle.

DSO440 – DevOps Automation and Monitoring – 3 credits

This course offers a practical approach to implementing continuous delivery and monitoring practices in modern software development. Students will learn to automate testing, deployment, and monitoring processes to improve the quality and efficiency of applications. Popular tools and methodologies that ensure the stability and security of systems deployed in business environments will also be explored.

SOF450 – Software Quality Management – 3 credits

This course focuses on techniques and tools to ensure software quality through rigorous testing and systematic analysis. Students will learn to design, implement, and evaluate automated tests to identify defects and vulnerabilities. Additionally, metrics and quality standards applicable to projects in DevSecOps environments and cloud-based systems will be explored.

CYB460 – Cybersecurity Fundamentals – 3 credits

This course offers comprehensive knowledge on threats and vulnerabilities that affect modern systems, particularly those deployed in the cloud. Students will learn protection strategies, incident monitoring and response, as well as fundamental principles for implementing effective security policies in business infrastructure.

SOF470 – Architectural Design for Software Systems – 3 credits

This course addresses the fundamental principles and patterns for designing robust and scalable software architectures. Students will learn about structuring complex systems,

considering aspects such as security, performance, and maintenance. Additionally, agile methodologies and DevSecOps practices will be explored to ensure that the developed architectures meet the required security and quality standards.

CSC480 – Capstone Written Project - Computer Science – 3 credits

This final course provides students with the opportunity to apply all the knowledge and skills acquired throughout their studies. Students will develop an original project related to their specialization, from conceptualization and planning to implementation and evaluation. The use of scientific methodologies and advanced techniques in areas such as software development, data analysis, artificial intelligence, cybersecurity, and more will be encouraged.

Master of Business Administration

Required Core Courses

REM500 – Advanced Research Methodology – 3 credits

This advanced course provides methodological tools for the design, execution, and rigorous analysis of scientific research in specialized areas. It includes quantitative, qualitative, and mixed strategies, with an emphasis on formulating complex problems, advanced data analysis, critical interpretation of results, and professional presentation of reports, while respecting ethical and regulatory principles.

LDS510 – Executive Leadership and Team Development – 3 credits

This course is designed to develop essential managerial skills, focusing on leading effective teams. Students will learn advanced techniques for managing and motivating teams, optimizing group productivity, and fostering collaboration and communication within the organizational environment. Additionally, competencies necessary for strategic decision-making, conflict resolution, and change management in organizations will be addressed.

ETH520 – Ethics, Sustainability, and Strategic Decision-Making – 3 credits

This course focuses on integrating ethical principles and sustainability into decision-making within the business context. Students will explore how leaders can balance economic, social, and environmental considerations when making decisions. Topics such as corporate social responsibility (CSR), sustainable strategies, and ethical frameworks for addressing business dilemmas will be covered. Students will acquire skills to make informed and responsible decisions that promote the long-term well-being of all stakeholders, aligning business practices with global sustainability standards.

COM530 – Time Management and Effective Communication – 3 credits

This course is focused on improving time management and interpersonal communication skills, two key elements for professional success. Students will learn techniques to optimize personal productivity, prioritize tasks, and manage time efficiently. Additionally, interpersonal

communication skills that facilitate collaboration and leadership within organizations will be addressed.

BUS540 – Agile Methodologies in Business Projects – 3 credits

This course introduces students to agile methodologies applied to project management. Through a practical approach, they will learn how to implement agile frameworks like Scrum and Kanban, adapting projects to changes and maximizing efficiency and flexibility. The course provides tools for managing projects in dynamic environments and improving result delivery in shorter timeframes.

STA550 – Statistical Analysis for Business Decisions – 3 credits

This course focuses on the use of quantitative tools for decision-making in business management. Students will learn to apply statistical methods and mathematical models to solve complex business problems, optimize operations, and make accurate forecasts. Additionally, the course will focus on data analysis as a key tool for making informed and strategic decisions.

BUS560 – Data Analytics for Business Decision-Making – 3 credits

This course teaches students how to use advanced data analytics to drive strategic decision-making in business. Techniques such as data mining, predictive analytics, and data visualization will be explored, aiming to transform large volumes of information into valuable insights for developing effective business strategies.

FIN570 – Advanced Financial Analysis and Modeling – 3 credits

This course focuses on the development and use of financial models to support business decision-making. Students will learn to build detailed financial models that allow them to assess profitability, risks, and the viability of different strategic decisions. The course also covers project valuation, long-term financial planning, and informed decision-making through financial analysis.

Major in Strategic Sales and Customer Relationship Management

CRM610 – Advanced Sales and Negotiation Strategies – 3 credits

This course focuses on developing advanced negotiation skills and sales techniques to maximize revenue and profitability. Students will learn how to manage complex negotiations, close effective sales, and develop strategies to improve conversion rates. Various sales approaches and styles will be explored, focusing on creating value for both the company and the customer.

CRM620 – Distribution Channel Management – 3 credits

This course offers a deep understanding of how to manage and optimize distribution channels to maximize efficiency and market reach. Students will learn how to select, develop, and maintain relationships with distribution partners, adapting strategies according to market needs. Emerging trends in digital and physical distribution will also be discussed, along with how to integrate them effectively.

CRM630 – Digital Transformation in Sales and Marketing – 3 credits

This course is designed to teach how to implement innovative digital strategies to strengthen sales and customer relationships. Students will explore digital tools, online marketing techniques, social media, and sales automation, developing a comprehensive approach to attracting, converting, and retaining customers in the digital environment.

CRM640 – Strategic Customer Relationship Management – 3 credits

This course focuses on using systems and strategies to manage customer relationships strategically. Students will learn to use CRM tools to gather customer data, segment audiences, personalize interactions, and optimize the customer experience throughout their lifecycle. Additionally, strategies for long-term loyalty and retention will be explored.

CRM650 – Customer Relationship Building and Retention – 3 credits

This course explores best practices for building and maintaining strong customer relationships. Students will learn how to create customized strategies to enhance the customer experience, increase loyalty, and foster lasting relationships. Techniques for proactive management of customer expectations, conflict resolution, and personalized communication will be addressed.

BUS600 – Capstone Project - Business Administration – 3 credits

This final course integrates the knowledge and skills acquired throughout the program through a project. Students will develop a research or practical project that demonstrates their ability to solve complex problems, applying advanced methodologies, innovative strategies, and critical analysis. Strategic planning, effective implementation, and result evaluation will be emphasized, considering ethical, sustainable, and organizational impact aspects.

Major in Advanced Analytics and Artificial Intelligence for Business

AIB610 – Multivariate Statistical Methods for Business – 3 credits

This course provides students with the advanced tools and techniques necessary for multivariate data analysis. Students will learn how to handle large volumes of data using advanced statistical methods to identify patterns, relationships, and trends among multiple variables. These approaches will be applied in the business context to make informed decisions and optimize business strategies.

AIB620 – Predictive Analytics for Business Strategy – 3 credits

In this course, students will learn how to use predictive analytics techniques to forecast trends, behaviors, and future outcomes in the business environment. Through the use of statistical models and machine learning algorithms, students will be able to apply this knowledge to improve business decisions, from marketing optimization to risk management and financial planning.

AIB630 – Strategic Business Intelligence – 3 credits

This course teaches how to use Business Intelligence (BI) tools to extract, analyze, and interpret data to support strategic decision-making. Students will learn to implement BI

solutions in organizations to improve data visibility and generate interactive reports and dashboards, helping business leaders make more informed, data-driven decisions.

AIB640 – Strategic Data Analytics Management – 3 credits

This course focuses on effectively managing data analysis processes and tools in a business environment. Students will learn how to organize, integrate, and manage large volumes of data, ensuring its quality and accessibility. Key aspects of data infrastructure and the use of analytical software to generate valuable insights for organizations will also be explored.

AIB650 – Artificial Intelligence for Business – 3 credits

This course introduces students to the field of artificial intelligence (AI) and its application in the business realm. Students will learn how to use AI to solve complex problems, automate processes, optimize operations, and develop innovative products. Case studies and practical projects will cover AI tools such as machine learning, neural networks, and natural language processing, applied to areas like marketing, supply chain management, and finance.

BUS600 – Capstone Project - Business Administration – 3 credits

This final course integrates the knowledge and skills acquired throughout the program through a project. Students will develop a research or practical project that demonstrates their ability to solve complex problems, applying advanced methodologies, innovative strategies, and critical analysis. Strategic planning, effective implementation, and result evaluation will be emphasized, considering ethical, sustainable, and organizational impact aspects.

Major in Quality and Process Management

QPM610 – Advanced Quality Management Systems – 3 credits

This course focuses on the principles, tools, and methodologies necessary to implement and manage quality management systems within an organization. Students will learn how to ensure product and service quality, complying with international standards and regulations like ISO 9001. Additionally, strategies to improve customer satisfaction through continuous process improvement will be explored.

QPM620 – Advanced Process Management – 3 credits

This course teaches students how to analyze, design, and optimize business processes to improve efficiency, reduce costs, and increase productivity. Methodologies like Six Sigma, Lean Management, and Business Process Reengineering (BPR) will be explored and applied to achieve substantial improvements in organizational processes.

QPM630 – Quality Tools and Techniques – 3 credits

Students will learn to use a variety of statistical tools and techniques for managing and improving quality. This course covers methods like the Pareto Diagram, Ishikawa Diagrams, Statistical Process Control (SPC), and root cause analysis, which help identify and solve problems in production and operational processes.

QPM640 – Performance Management in Organizations – 3 credits

This course addresses the concept of organizational performance management, with the goal of aligning business goals with key performance indicators (KPIs). Students will learn to establish systems to measure, evaluate, and improve the performance of employees, teams, and processes, ensuring the organization meets its strategic and operational goals.

QPM650 – Integrated Quality Management Systems – 3 credits

This course delves into integrated quality management systems, which combine various methodologies and standards to ensure quality and compliance at all levels of the organization. Students will learn to implement and manage systems that integrate quality, safety, the environment, and other crucial aspects, promoting a holistic approach to continuous improvement.

BUS600 – Capstone Project - Business Administration – 3 credits

This final course integrates the knowledge and skills acquired throughout the program through a project. Students will develop a research or practical project that demonstrates their ability to solve complex problems, applying advanced methodologies, innovative strategies, and critical analysis. Strategic planning, effective implementation, and result evaluation will be emphasized, considering ethical, sustainable, and organizational impact aspects.

Major in Strategic Financial Management and Fintech

FIN610 – Strategic Financial Planning and Decision Making – 3 credits

This course provides students with the knowledge and tools necessary to manage the strategic finances of an organization. Concepts such as financial planning, evaluating profitability and long-term value, optimizing financial resources, and making key decisions in a globalized business environment are explored. Students will learn to implement strategies to maximize financial performance and manage assets and liabilities effectively.

FIN620 – Advanced Management of Financial Instruments – 3 credits

This course focuses on the financial instruments used in modern markets, such as stocks, bonds, derivatives, and structured products. Students will learn to manage and analyze these instruments, understanding their use for risk diversification, portfolio creation, and maximizing returns. The economic and regulatory implications of each financial instrument will also be explored.

LEG630 – Legal Aspects of Financial Management – 3 credits

This course addresses the legal framework and professional regulations governing the global financial sector. Students will learn about key laws and regulations that affect the financial industry, including securities laws, banking regulation, consumer protection, and professional ethics. It will discuss how to comply with regulations and manage legal risks within financial organizations.

FIN640 – Advanced Financial Risk Analysis and Control – 3 credits

In this course, students will learn how to identify, analyze, and manage financial risks in organizations. Various types of risks, such as credit risk, market risk, and operational risk, will

be explored, along with strategies used to mitigate these risks. Students will also be introduced to advanced risk management tools, such as simulation models and stress testing, to anticipate and reduce the impact of adverse events.

FIN650 – Fintech and Project Finance Management – 3 credits

This course examines project financing practices in the context of technological innovation and digital finance. Students will learn how to finance large projects through traditional and modern methods, such as fintech solutions, crowdfunding, and blockchain. The impact of emerging technologies on the structuring and execution of financial projects will be discussed, and how new digital tools can improve the accessibility and efficiency of project financing.

BUS600 – Capstone Project - Business Administration – 3 credits

This final course integrates the knowledge and skills acquired throughout the program through a project. Students will develop a research or practical project that demonstrates their ability to solve complex problems, applying advanced methodologies, innovative strategies, and critical analysis. Strategic planning, effective implementation, and result evaluation will be emphasized, considering ethical, sustainable, and organizational impact aspects.

Major in Global Supply Chain and Logistics Management

SCL610 – Global Supply Chain Strategy and Optimization – 3 credits

This course focuses on the strategic management of the global supply chain, addressing the planning, coordination, and optimization of product, service, and information flows worldwide. Students will learn to align supply chain strategies with corporate objectives, developing skills to manage the complexity of international operations, including cost reduction, quality improvement, and operational efficiency.

SCL620 – Strategic Procurement and Supplier Relationship Management – 3 credits

This course focuses on purchasing management practices and building effective relationships with suppliers. Students will learn techniques to negotiate, select, and manage suppliers strategically, aiming to optimize inventory and ensure an efficient and resilient supply chain. Additionally, topics related to risk management in purchasing and sustainability in business relationships with suppliers will be covered.

SCL630 – Technology in Supply Chain Management – 3 credits

This course will explore how emerging technologies, such as automation, the Internet of Things (IoT), blockchain, and artificial intelligence, are transforming the global supply chain. It provides a deep understanding of the technological tools used to improve the efficiency of logistics operations, product traceability, and real-time informed decision-making.

SPL640 – Global Logistics and Distribution Strategies – 3 credits

This course analyzes the strategic management of logistics distribution and transportation within a global supply chain. Students will learn to optimize transportation systems, manage

inventory storage, and coordinate product distribution internationally. Best practices to reduce costs and improve the speed and flexibility of logistics operations will also be studied.

SPL650 – Demand Forecasting and Customer Relationship Management – 3 credits

This course focuses on demand planning and customer relationship management (CRM), addressing the importance of accurate demand for supply chain success. Students will learn to use analytical tools to forecast product and service demand, as well as strategies to effectively manage customer relationships, improving satisfaction and loyalty through personalization and efficient communication.

BUS600 – Capstone Project - Business Administration – 3 credits

This final course integrates the knowledge and skills acquired throughout the program through a project. Students will develop a research or practical project that demonstrates their ability to solve complex problems, applying advanced methodologies, innovative strategies, and critical analysis. Strategic planning, effective implementation, and result evaluation will be emphasized, considering ethical, sustainable, and organizational impact aspects.

Major in Strategic Healthcare Management

HCM610 – Strategic Healthcare Service and Quality Management – 3 credits

This course focuses on the management of medical services with an emphasis on quality in healthcare. Students will learn to implement systems and processes that ensure quality care, improve patient satisfaction, and optimize healthcare resources. Quality management techniques, performance measurement, and continuous improvement in healthcare institutions will be studied.

HCM620 – Economic Principles in Healthcare – 3 credits

This course provides students with a deep understanding of economic principles applied to the healthcare sector. Topics such as healthcare system financing, cost-benefit analysis of medical services, resource efficiency, and public health economics will be explored. Students will learn to apply these concepts to improve the sustainability and accessibility of healthcare services.

HCM640 – Strategic Management in Healthcare Organizations – 3 credits

This course will explore the fundamentals of healthcare services management, covering the administration of hospitals, clinics, and other healthcare facilities. Key aspects such as service organization, resource allocation, process improvement, and strategic decision-making to optimize efficiency and service quality in the healthcare sector will be analyzed.

HCM630 – Healthcare Strategy and Negotiation Techniques – 3 credits

This course focuses on developing strategic and negotiation skills applied to the management of healthcare organizations. Students will learn to make strategic decisions that align organizational goals with sector needs, using effective negotiation techniques to

manage relationships with stakeholders, suppliers, and patients within the healthcare environment.

HCM650 – Management of Healthcare Systems and Information – 3 credits

This course addresses the management of healthcare organizations and the integration of information systems to improve the management and functioning of healthcare institutions. Students will learn to implement and manage information technologies and electronic health record (EHR) systems, optimizing medical data management, internal communication, and operational efficiency in the healthcare sector.

BUS600 – Capstone Project - Business Administration – 3 credits

This final course integrates the knowledge and skills acquired throughout the program through a project. Students will develop a research or practical project that demonstrates their ability to solve complex problems, applying advanced methodologies, innovative strategies, and critical analysis. Strategic planning, effective implementation, and result evaluation will be emphasized, considering ethical, sustainable, and organizational impact aspects.

Master of Science in Marketing

Required Core Courses

MKT510 – Financial Management in Marketing – 3 credits

This course provides an advanced understanding of financial tools and techniques applied to marketing. Students will learn to analyze the return on investment (ROI) of marketing activities, manage campaign budgets, and make data-driven financial decisions to maximize the effectiveness of marketing strategies. Key concepts such as project evaluation, resource allocation, and cost management in marketing campaigns will also be addressed.

MKT520 – Advanced Strategic Marketing – 3 credits

This course covers the development of organizational-level marketing strategies, with an emphasis on creating long-term value. Students will learn to analyze markets, segment audiences, and develop positioning strategies to face competitive challenges and seize market opportunities. Case studies will be explored and analytical tools applied to develop effective strategic marketing plans.

REM500 – Advanced Research Methodology – 3 credits

This advanced course provides methodological tools for design, execution, and rigorous analysis of scientific research in specialized areas. It includes quantitative, qualitative, and mixed strategies, with an emphasis on the formulation of complex problems, advanced data analysis, critical interpretation of results, and professional presentation of reports, respecting ethical and regulatory principles.

MKT530 – Understanding Customers and User Behavior – 3 credits

This course explores the in-depth analysis and understanding of consumers, users, and personas, using tools such as segmentation and marketing personas. Students will learn to design personalized experiences that resonate with the specific needs and behaviors of target groups. Data collection methods, user interviews, and behavior analysis will be studied to create accurate profiles that inform marketing decisions.

MKT540 – Marketing Analytics and Consumer Insights – 3 credits

This course focuses on the use of advanced data analysis tools and techniques to extract valuable insights that guide strategic marketing decisions. Students will learn to interpret large volumes of data using statistical methods and machine learning algorithms to predict trends, understand consumer behavior, and optimize marketing campaigns. Data visualization tools will also be covered to effectively communicate results to stakeholders.

ETH520 – Ethics, Sustainability, and Strategic Decision-Making – 3 credits

This course centers on integrating ethical and sustainability principles into decision-making within the business context. Students will explore how leaders can balance economic, social, and environmental considerations when making decisions. Topics include corporate social responsibility (CSR), sustainable strategies, and ethical frameworks to address business dilemmas. Students will acquire skills to make informed and responsible decisions that promote long-term stakeholder well-being, aligning business practices with global sustainability standards.

LDS510 – Executive Leadership and Team Development – 3 credits

This course is designed to develop essential managerial skills, focusing on leading effective work teams. Students will learn advanced techniques for managing and motivating teams, optimizing group productivity, and fostering collaboration and communication in the organizational environment. It will also cover strategic decision-making, conflict resolution, and change management in organizations.

MKT570 – Agile Project Management for Marketing – 3 credits

This course introduces students to agile methodologies applied to marketing project management. Topics such as Scrum and Kanban will be addressed, and how these approaches can improve efficiency, flexibility, and value delivery in marketing projects. Students will learn to manage projects with agile teams, adapt to rapid changes in the marketing environment, and continuously deliver results aligned with customer needs.

Major in Consumer Neuroscience and Sensory Marketing

NSC610 – Cognitive Neuroscience in Consumer Decision-Making – 3 credits

This course explores the fundamental principles of neuroscience applied to marketing, focusing on how consumers perceive, process, and react to marketing stimuli. Students will learn about the brain foundations of decision-making, the impact of emotions on purchasing behavior, and how to use neuroscientific techniques, such as eye-tracking and functional MRI (fMRI), to gain insights into consumer behavior.

NSC620 – Anthropological Perspectives on Consumer Culture – 3 credits

In this course, students will explore how culture, values, and traditions influence consumer behavior. Through an anthropological lens, they will analyze how communities interact with products, brands, and services, and how these interactions are shaped by social, cultural, and economic contexts. This approach is essential to develop marketing strategies that resonate globally and locally.

NSC630 – Sensory Branding and Emotional Marketing – 3 credits

This course focuses on the creation and management of brands through the senses. Students will learn to apply sensory marketing principles to create brand experiences that engage multiple senses and connect emotionally with consumers.

NSC640 – Sensory Experiences and Consumer Engagement – 3 credits

In this course, students will explore marketing techniques that engage all five senses to influence consumer perceptions and purchasing decisions. Strategies for visual, auditory, olfactory, gustatory, and tactile marketing will be covered, as well as how brands can use these elements to create immersive and differentiating experiences. Market study results and how sensory science is applied in modern marketing will also be studied.

MKT650 – Capstone Project - Marketing – 3 credits

This course allows students to apply their marketing knowledge to a real-world challenge aligned with their specialization. Students will develop a project that addresses a problem or opportunity in their area, demonstrating their ability to implement innovative solutions based on data and market analysis.

Major in Strategic Marketing and Business Development

SMK610 – Business Research and Product Development – 3 credits

This course explores the key processes of research, development, and innovation within marketing strategies. Students will learn how to create and manage new products and services from conception to launch, integrating market research, trend analysis, and the use of innovative methodologies. The crucial role of innovation in long-term competitive advantage and organizational adaptability will be emphasized.

SMK620 – Corporate Lobbying and Negotiation Strategies – 3 credits

This course focuses on lobbying and negotiation strategies and tactics in the context of business and strategic marketing. Students will learn how to influence public policies, build relationships with key stakeholders, and negotiate beneficial agreements for the organization. Negotiation techniques, persuasion strategies, and managing complex lobbying situations in regulatory and corporate environments will be studied.

SMK630 – Advanced Sales Management – 3 credits

This course offers a deep understanding of sales management within a strategic marketing environment. Students will learn how to develop effective sales strategies, manage sales teams, set goals, and create training and motivation programs. Technological tools and analytical techniques to optimize sales performance and improve customer relationships will also be covered.

SMK640 – Business Plan Development – 3 credits

This course teaches students how to develop complete and effective business plans with a focus on marketing and business development. Through case studies and practical projects, students will learn to create strategies to position companies in competitive markets, define business models, establish financial projections, and present their plan to investors or executives. This course prepares students to launch new business initiatives on a solid foundation.

MKT650 – Capstone Project - Marketing – 3 credits

This course allows students to apply their marketing knowledge to a real-world challenge aligned with their specialization. Students will develop a project that addresses a problem or opportunity in their area, demonstrating their ability to implement innovative solutions based on data and market analysis.

Major in Branding and Transmedia**BRT610 – Strategic Brand Development and Management – 3 credits**

This course focuses on brand building and management from a strategic perspective. Students will learn how to develop a coherent brand architecture and manage brand identity and value over time. Topics include sub-brand creation, brand portfolio management, brand evaluation, and maintaining brand relevance in changing markets.

BRT620 – Strategic Brand Positioning and Corporate Reputation – 3 credits

This course analyzes brand positioning strategies in competitive markets, as well as corporate reputation management. Students will learn to develop effective tactics to highlight a brand in the consumer's mind, manage public perception, and strengthen reputation through communication strategies, public relations, and crisis response. Case studies of companies that have successfully managed brand reputation will be examined.

BRT630 – Brand Narratives and Interactive Storytelling – 3 credits

This course explores how brands can tell authentic and meaningful stories to emotionally connect with their audiences. Students will learn the differences between storytelling (telling stories) and story doing (acting in accordance with the stories told), and how these practices apply to marketing and brand management. Topics include brand narrative, branded content creation, and ensuring that stories are authentic and aligned with the brand's mission and values.

BRT640 – Transmedia Strategy and Content Integration – 3 credits

In this course, students will learn to create brand experiences using transmedia strategies, integrating multiple platforms and content formats to tell a cohesive and engaging story. The convergence of media will be explored, as well as how brands can leverage various platforms (social media, video, blogs, live events, etc.) to create an integrated narrative and effectively reach diverse audiences.

MKT650 – Capstone Project - Marketing – 3 credits

This course allows students to apply their marketing knowledge to a real-world challenge aligned with their specialization. Students will develop a project that addresses a problem or opportunity in their area, demonstrating their ability to implement innovative solutions based on data and market analysis.

Master of Science in Project Management

Required Core Courses

PRO510 – Project Communication and Stakeholder Engagement – 3 credits

This course focuses on the development of essential interpersonal skills for success in project management. Students will learn to communicate ideas effectively, manage stakeholder relationships, and pitch projects to diverse audiences, including clients, investors, and internal teams.

PRO520 – Business Analysis for Project Management – 3 credits

This course provides students with the necessary tools to perform detailed business and project analysis. It delves into the identification of problems and opportunities, data analysis, and strategic decision-making for the implementation of successful projects.

PRO530 – Project Scope and Kickoff Planning – 3 credits

In this course, students will learn how to define and plan the initiation and scope of projects. Techniques will be explored for setting clear objectives, identifying requirements, and developing an effective scope plan to ensure the project is delivered according to expectations.

PRO540 – Project Scheduling and Timeline Management – 3 credits

This course teaches students how to develop detailed project schedules, ensuring the correct allocation of time and resources. Tools and techniques for creating timelines, setting milestones, and managing deadlines are emphasized.

PRO550 – Managing Resources and Stakeholder Engagement – 3 credits

This course addresses the identification, allocation, and management of both human and material resources in projects. It also explores stakeholder management, ensuring all relevant parties are engaged and aligned with project objectives.

PRO560 – Quality Planning and Management in Projects – 3 credits

Students will learn how to integrate quality management into all phases of a project. Strategies will be studied to ensure deliverables meet quality standards and satisfy the expectations of clients and stakeholders.

PRO570 – Project Management Fundamentals – 3 credits

This course covers the fundamental principles of project management, including key concepts, the project life cycle, and best practices in planning, execution, and project control. Emphasis is placed on effective resource management and problem-solving.

PRO580 – Agile Methodologies for Project Management – 3 credits

This course introduces students to agile methodologies, such as Scrum and Kanban. Students will learn how to manage projects in a flexible and adaptive manner, optimizing collaboration, incremental value delivery, and responsiveness to change.

Major in Product Innovation and Development**INN610 – Product and Service Innovation Management – 3 credits**

This course focuses on the creation of new and innovative products and services, from conception to launch. Students will explore innovative methodologies, product lifecycle management, and how to use market feedback to improve offerings.

PRO620 – Budgeting and Financial Planning for Projects – 3 credits

This course teaches how to create and manage project budgets. Students will learn to estimate costs, allocate financial resources, and control the budget throughout the project life cycle, ensuring profitability.

PRO630 – Advanced Project Management – 3 credits

In this advanced course, students will learn to manage complex projects by applying advanced techniques in planning, control, and closure. Strategic decision-making and the management of multidisciplinary teams in the context of project development are explored in depth.

PRO640 – Capstone Project - Project Management – 3 credits

This course allows students to apply the knowledge acquired in the program to a real project. Students will design and execute a project that addresses a real-world problem, integrating learned methodologies, strategies, and tools, demonstrating their ability to manage complex projects.

Major in Program and Portfolio Management**PPM610 – Program and Portfolio Management – 3 credits**

This course focuses on program and portfolio management, covering the planning, execution, and control of multiple projects and their interrelations within a portfolio. Students will learn to align programs and projects with organizational strategic goals, manage resources efficiently, and ensure project success within the context of a global portfolio. Agile and traditional management methodologies will also be explored, along with project evaluation and prioritization.

PPM620 – Risk Planning and Management – 3 credits

This course teaches students how to identify, assess, and manage project risks. Strategies for risk mitigation and contingency planning will be studied, as well as how to apply these strategies at the program and portfolio levels.

PPM630 – Communication Planning in Project Management – 3 credits

This course covers the planning and execution of communication strategies within projects and programs. Students will learn to manage stakeholder communication, ensuring that information flows effectively throughout the entire project lifecycle.

PRO640 – Capstone Project - Project Management – 3 credits

This course allows students to apply the knowledge acquired in the program to a real project. Students will design and execute a project that addresses a real-world problem, integrating learned methodologies, strategies, and tools, demonstrating their ability to manage complex projects.

Major in Procurement and Contract Management

PCM610 – Procurement Planning and Management – 3 credits

This course focuses on the strategic planning of procurements and the effective management of the purchasing process within projects. Students will learn to develop detailed procurement plans, manage vendors and contractors, and apply best practices in acquiring goods and services to ensure successful project delivery within set deadlines and budgets.

PRO620 – Budgeting and Financial Planning for Projects – 3 credits

This course teaches how to create and manage project budgets. Students will learn to estimate costs, allocate financial resources, and control the budget throughout the project life cycle, ensuring profitability.

PRO630 – Advanced Project Management – 3 credits

In this advanced course, students will learn to manage complex projects by applying advanced techniques in planning, control, and closure. Strategic decision-making and the management of multidisciplinary teams in the context of project development are explored in depth.

PRO640 – Capstone Project - Project Management – 3 credits

This course allows students to apply the knowledge acquired in the program to a real project. Students will design and execute a project that addresses a real-world problem, integrating learned methodologies, strategies, and tools, demonstrating their ability to manage complex projects.

Master of Science in Educational Management

Required Core Courses

REM500 – Advanced Research Methodology – 3 credits

This advanced course provides methodological tools for design, execution, and rigorous analysis of scientific research in specialized areas. It includes quantitative, qualitative, and mixed strategies, with emphasis on the formulation of complex problems, advanced data

analysis, critical interpretation of results, and professional report presentation, while respecting ethical and regulatory principles.

EDM510 – Time Management and Interpersonal Skills for Educational Leaders – 3 credits

This course focuses on the development of practical skills for effective time management and the improvement of interpersonal relationships in the educational environment. Students will learn to prioritize tasks, manage educational projects, and enhance communication and collaboration within academic and administrative teams.

EDM520 – Curricular Design Theory and Innovative Models – 3 credits

This course addresses contemporary theories and innovative models for curriculum design. Students will explore flexible, student-centered approaches and how to adapt them to diverse educational contexts. Emphasis will be placed on integrating technologies and active learning methodologies.

LEG530 – International Educational Systems, Policies, and Legislation – 3 credits

This course analyzes international educational systems, with a focus on policies and regulatory frameworks. Students will learn about educational legislation in various contexts and how these policies affect education at a global level, with an emphasis on comparing different educational models.

EDM540 – Teacher Talent Development in Digital Environments – 3 credits

This course explores strategies for professional development of teachers in a digital context. Students will learn to design training and development programs for educators, integrating technological tools to enhance online teaching and learning.

PHI550 – Philosophy of Education – 3 credits

This course examines the philosophical theories underlying education, with a critical analysis of their application in educational practice. Students will reflect on the purpose and values of education, as well as the ethical and pedagogical challenges faced by educators.

EDM560 – Educational Trends and Global Culture – 3 credits

This course explores major global educational trends, such as the globalization of knowledge, inclusive education, and access to technology. Students will analyze how cultures influence education and how educational institutions can adapt to a constantly changing global culture.

EDM570 – Educational Inclusion – 3 credits

This course addresses approaches and strategies to promote inclusion in educational environments. Students will learn about policies and practices that foster equal opportunities for all students, including those with disabilities or special educational needs.

Major in Instructional Design and Digital Innovation in Virtual Learning Environments

IDD610 – Digital and Transmedia Environments – 3 credits

This course introduces students to digital learning environments and transmedia storytelling. Students will explore how to integrate various media and digital platforms to create immersive, collaborative, and personalized learning experiences in virtual educational contexts.

IDD620 – Gamification and Transmedia Learning Strategies – 3 credits

This course focuses on the application of gamification and transmedia storytelling in instructional design. Students will learn to use these approaches to enhance student motivation, create interactive learning experiences, and foster active participation in digital environments.

IDD630 – Instructional Design and Assessment in Virtual Environments – 3 credits

This course addresses the best practices in instructional design for virtual environments. Students will learn to create and evaluate online courses, from curriculum structure to performance assessment, using advanced digital tools and pedagogical strategies adapted to virtual learning.

EDM640 – Capstone Project - Education – 3 credits

This course allows students to apply the knowledge acquired in the program to develop a real-world project in the educational field. Depending on their specialization, students will design solutions related to digital instructional design or strategic educational management. They will also demonstrate their ability to integrate theories and practices of their specialization into a real educational context. The project will include research, strategy development, implementation of tools, and evaluation of results.

Major in Educational Leadership and Strategic Management

ELS610 – Educational Project Design and Evaluation – 3 credits

This course provides students with the skills necessary to formulate and evaluate educational projects. Students will learn to identify needs, set objectives, design action plans, manage resources, and evaluate the outcomes of educational projects in different levels and contexts.

ELS620 – Principles of Educational Leadership and Administration – 3 credits

This course introduces the fundamental principles of educational administration, focusing on the management of educational institutions. Students will learn about planning, leadership, decision-making, financial management, and evaluation within the educational sector.

ELS630 – Strategic Planning and Educational Organization Development – 3 credits

This course teaches students to develop and implement strategies to improve the performance and sustainability of educational organizations. Strategic planning techniques, analysis of strengths and weaknesses, and adaptation of strategies to changes in the educational environment will be addressed.

EDM640 – Capstone Project - Education – 3 credits

This course allows students to apply the knowledge acquired in the program to develop a real-world project in the educational field. Depending on their specialization, students will design solutions related to digital instructional design or strategic educational management.

They will also demonstrate their ability to integrate theories and practices of their specialization into a real educational context. The project will include research, strategy development, implementation of tools, and evaluation of results.

Advisory Board

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Alberto Dahik Garzoz	–	Adviser
Carlos Ernesto Ortega Santos	–	Adviser
Fidel Marquez Sanchez	–	Adviser
Paula Andrea Henano Ruiz	–	Adviser

Staff & Faculty

Staff

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