



UNIVERSITY CATALOG

2026

Volume V

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www.atlantisuniversity.edu

1011 Sunnybrook Road, Miami, Florida 33136 · 305 377 8817

Accreditation

Atlantis University is accredited by the Accrediting Commission of Career Schools and Colleges (ACCSC), and is licensed by the Commission for Independent Education (CIE), Florida Department of Education.

Licensed by the

Florida Commission for Independent Education, License # 3355

Additional information regarding the University, may be obtained by contacting the Commission at: 325

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Submitted by

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Statement of Legal Control Board of Trustees:

Omar Palacios, President

Maria Moreno, Director

ATLANTIS UNIVERSITY: a DBA of Technology Trade Group, Inc., a Florida Corporation – offers accessible, quality education to its students. Atlantis University is a learning-centered, career-oriented University serving the educational needs of its students and industry through undergraduate and graduate programs with growth potential.

Disclosure: ATLANTIS UNIVERSITY reserves the right to accept/deny admission and enrollment, change programs, start dates, tuition, or to cancel programs. Any changes will be made in accordance with ACCSC - Accrediting Commission of Career Schools and Colleges standards, and the State Commission for Independent Education rules and regulations and will be attached to this catalog.

Locations: Atlantis University has the following facility:

The Main Campus: AU University Park is located in the heart of Miami's Health District at 1011 Sunnybrook Road, Floors 8th – 11th, Miami, FL 33136

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Memberships, approvals and other affiliations

Institutional Approvals and Association Memberships

- Institutionally accredited by the Accrediting Commission of Career Schools & Colleges (ACCSC)
- US Department of Education to offer Federal Student Aid for those who qualify
- Florida Department of Labor and Employment Security Division of Vocational Rehabilitation
- State Approving Agency (SAA) – Approved for Veterans Training.
- U.S. Department of Homeland Security: Approved for Attendance by Nonimmigrant Students through the Student and Exchange Visitor Information System (SEVIS).
- Florida Association of Postsecondary Schools and Colleges
- South Florida Workforce Investment Board (SFWIB)
- U.S. Department of Defense as an authorized CLEP and DANTES Testing Center
- PROMETRIC Testing Center
- CLEP and DANTES Testing Center
- Pearson Vue Testing Center
- ESL Program Accredited by CEA – The Commission on English Language Accreditation

Articulation Agreements with Other Schools and Universities

- Keiser University
- City College
- Florida National University
- Everglades University
- For additional information on these and other articulation agreements with national or international institutions, please contact the AU Business Office at 305 377 8817.

Atlantis University

The name ATLANTIS UNIVERSITY is a recognition and reminder of the trajectory and evocation that the word Atlantis has on its own, which identifies itself with an ideal: Personal self-enrichment through knowledge. This human ideal portrays a series of characteristics which make it inclusive, timeless and pertinent, and that has been, is, and will be shared by all the cultures in the world, regardless of their geographic location, race, gender, languages, beliefs or economic status.

Personal Achievement is the educational model transmitted by ATLANTIS UNIVERSITY in accordance with the mission and vision of this ongoing educational venture.

Mission

ATLANTIS UNIVERSITY's mission is to prepare graduates and career-minded individuals through quality education, while encouraging student's personal self-enrichment for their personal and professional development. The mission of ATLANTIS UNIVERSITY through its five schools: the School of Business, the School of Information Technology and Engineering, the School of Education, the School of Health, and the School of Nursing, is:

- To provide quality in higher education by imparting knowledge through teaching, fostering creativity, and encouraging personal and professional discovery. Encouraging the development and value of self-identity; fostering in the student an attitude of personal growth, which facilitates the ethical formation.
- To offer accessible, affordable degree and diploma career education to its students by focusing on the learner's needs, and by working in partnership with the dynamic and multicultural community. Through educational and formative activities, we seek to promote and strengthen values of social and civic responsibility, which encourages our graduates to become committed decision makers with valuable solutions to community problems.
- To prepare students to become career-minded qualified professionals, and responsible and accountable individuals, to enter the workforce with strong educational foundations, developed creativity skills, responsibility, principles of moral values and ethics, while promoting tolerance, acceptance, and respect for today's multicultural professional environment, all these values integrate the Atlantis University Community.

ATLANTIS UNIVERSITY mission statement is made public via our published materials.

Educational Philosophy and Objective

As a higher education institution, with the goal of shaping capable professionals willing and able to participate in today's competitive world, ATLANTIS UNIVERSITY is committed to:

Quality Education through the use of modern pedagogic methods that include active class participation in order to foster interaction between faculty and students; enabling learners to manage a variety of business and social issues with creativity, responsibility and commitment.

Integrity, honesty, and principles of equality among its student community. Respect and sensitivity towards cultural differences as well as for groups with special needs. The use of modern technological innovations, critical analysis, creative capacity, and praxis.

Vision

Atlantis University strives to be model for international quality education whose graduates are distinguished for their personal and professional accomplishments.

History

ATLANTIS UNIVERSITY has carried on its ideal of “self-enrichment through knowledge” since 1975, when Instituto Universitario de Tecnología Readic - UNIR was founded as a higher education institution in Venezuela by Dr. Omar Palacios and created in compliance with the codes of the (Venezuela) Nation’s Department of Education (decree 1129). Since its opening, this educational venture has expanded into an urban, multi-campus college serving the Latin American community.

As the president/founder, Mr. Palacios has remained at the helm of this institution where there are now over 35,000 students in programs designed to educate them in emerging technological, business, and medical and health fields. UNIR first began as an educational and training institute with the objective of preparing the oil industry workforce in the technological and scientific fields. Soon, the school was granted approval to establish itself as a higher education institution, expanding its educational offerings and providing training for all industrial sectors. Students may choose from over 50 programs including Technological Degrees, Associate Degrees, Diploma and Certificate Programs, Continuing Education, and Professional Training Programs.

Throughout the years, this educational institution has become an international model for learning and professional development. It continues to serve a massive student body in Latin America with 1,000 full-time faculty, and 20,000 alumni who benefit from quality education at the different campuses, each with modern educational facilities, recreational centers, gymnasiums, study areas, computer labs with the latest technology (including mobile labs to reach rural zones where technology is not commonly accessible), libraries, and other amenities and services to benefit its students. Its rapidly growing and demanding student population motivated UNIR and its governing body to grow and expand to other countries as well.

Committed to shaping successful professionals and responsible individuals for a global community, and with a great educational legacy built throughout the years with UNIR; with the approval granted by the Commission for Independent Education, the new millennium gave birth to UNITECH College of Technology in the gateway of the Americas and the world; Miami, Florida, to serve a multicultural community by offering academic programs in the fields of Business and Technology.

In 2007, UNITECH College of Technology expanded its scope of career education to include bachelor’s degree Programs to offer its students a more rounded educational opportunity within their field of study. Meanwhile, under a memorandum of understanding with UNITECH College of Technology, UNIR in Venezuela has continued preparing global professionals who have the ability to transfer academic credits to UNITECH in the USA. In 2009, with the addition of the Graduate School along with new master’s degree Programs, UNITECH College of Technology became Atlantis University under the approval granted by the Florida Department of Education/Commission for Independent Education. In 2012, the University was granted institutional accreditation through the Accrediting Commission of Career Schools and Colleges (ACCSC), and in 2016 Atlantis University received its accreditation renewal for an additional 6 years of accreditation and was awarded the 2017 School of Excellence award by ACCSC. Atlantis University is recognized by the US Department of Education and approved to award Title IV funds for those who qualify.

Academic program offerings are revised to provide the most up to date information to fulfill the requirements and demands of an ever-changing job-market, to provide its students with a unique education based on the foundation of strong academic principles and a modern perspective on the world.

ATLANTIS UNIVERSITY in Miami, Florida, offers its programs in both English, Spanish and Portuguese, and are designed to meet the needs of its in-campus and online students throughout the world.

Academic Programs

Degree Programs

School of Business

Master's	Master of Science in Business Administration (MS) Master in Business Administration (MBA) <i>Concentrations: Business Intelligence and Analytics; Digital Marketing; International Business (America's MBA); Information Technology Management</i> Master of Science in Real Estate Development Master of Science in Hospitality Management <i>Concentrations: Innovation and Technology Management in the Hospitality Industry; International Real Estate Management; Tourism Management</i>
Bachelor's	Bachelor of Science in Business Administration <i>Concentrations: International Business; Business Intelligence & Analytics; Digital Marketing; HealthCare Management; Project Management; Hospitality Management</i> Bachelor of Science in Sports Management
Associate	Associate of Science in Business Administration Associate of Science in International Business

School of Information Technology and Engineering

Master's	Master of Science in Artificial Intelligence (AI) Master of Science in Information Technology (MIT) Master of Science in Cybersecurity Master of Science in Computer Engineering
Bachelor's	Bachelor of Science in Information Technology Bachelor of Science in Computer Engineering <i>Concentrations: Network Engineering; Software Engineering</i>
Associate	Associate of Science in Information Technology

School of Health

Master's	Master of Science in Healthcare Management
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School of Nursing

Master's	Master of Science in Nursing <i>Concentrations: Health Informatics; Nursing Education; Leadership and Administration in Healthcare Systems; Public Health Nursing</i>
Bachelor's	Bachelor of Science in Nursing (RN to BSN)

School of Education

Master's	Master of Science in Elementary Education Master of Science in Education <i>Concentrations: Educational Leadership; Educational Technology</i>
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Non-Degree Programs

Graduate Certificate Programs

Program	Clock Hours	Credits
Graduate Certificate in Special Education	336	21
Graduate Certificate in Elementary Education	336	21

Diploma Programs

Program	Clock Hours	Credits
Office Administrator (Administrative Management)	336	21
Network Operations Professional (NOP)	192	12
Enterprise Cloud Professional (ECP)	288	18
InfoSec Professional (ISP)	240	15
Computer Information Technology (CIT)	672	42

Language of Instruction

Degree Programs, Graduate Certificates, and non-degree and Diploma Programs are taught in English, Spanish or Portuguese.

Class starts vary depending upon the language of instruction. Evidence of English proficiency is required if a student's primary language is not English and is enrolling in a program taught in English.

Completing a course or program in a language other than English may reduce employability where English is required.

Delivery Methods

Atlantis University offers academic programs (Degree and Non-Degree) through the following instructional delivery methods: Campus-Based (On-Campus and Hybrid) and Distance Education (Fully Online). Upon enrollment, students select the delivery format available for their program. Not all programs are offered in all modalities.

Campus-Based Delivery

Campus-Based programs are delivered in either:

1. On-Campus Format, or
2. Hybrid Format

Both formats are considered campus-based instructional delivery.

On-Campus Format In the on-campus format, instruction occurs primarily in person at the University's approved instructional locations. Courses may incorporate structured online instructional components as part of the scheduled instructional hours; however, the program maintains a regular physical classroom presence. Courses may be offered during daytime, evening, or weekend schedules depending on the program. All on-campus courses include structured instruction, graded assignments, examinations, and direct interaction with faculty and classmates. On-campus courses may utilize the University's learning management system to support instruction, distribute materials, and facilitate academic engagement.

Hybrid Format (Campus-Based) The Hybrid format is a campus-based delivery modality that includes a mandatory in-person residential component combined with structured online academic engagement.

In hybrid courses:

- Students are required to attend scheduled in-person classroom sessions at the University.
- Between in-person sessions, students engage in structured, faculty-led academic activities delivered through the University's learning management system.
- Online components may include synchronous virtual instruction, faculty-directed discussions, graded coursework, research projects, case studies, quizzes, and other academically substantive activities.
- Hybrid programs may be offered: daytime, evening, weekend, or Flex Schedule formats depending on the program.
 - For certain graduate programs, the University may offer a Flex Schedule hybrid format, in which students attend required on-campus instructional sessions during designated days (such as weekly meetings or weekend immersion formats), with the remaining instructional hours delivered through structured synchronous and asynchronous online instruction within the same academic term. The required residential component is mandatory and essential to course completion.
 - The Flex Schedule model is designed to support graduate-level learning and research by combining concentrated on-campus instructional sessions with structured online academic engagement throughout the term. This format provides intensive in-person faculty interaction, guided research development, and continuous academic participation between residential sessions, ensuring sustained faculty oversight and documented academic progress.

Hybrid courses:

- Maintain a required residential (in-person) component that is mandatory for successful course completion.
- Follow a structured academic calendar.
- Include regular and substantive interaction between faculty and students.
- Are not self-paced and are not correspondence study.

Distance Education (Fully Online Programs)

Distance Education programs are delivered fully online through the University's learning management system. In this modality:

- All instruction is delivered via online platforms.
- Students access course materials, lectures, assignments, and assessments electronically.
- Courses may include synchronous and asynchronous components.
- Faculty provide regular and substantive interaction consistent with federal and accrediting agency requirements.

Distance Education programs do not require physical attendance at a university instructional site.

International Student Enrollment (F-1 Visa Holders)

In accordance with U.S. Department of Homeland Security regulations (8 CFR 214.2(f)) and SEVP guidance:

- International students in F-1 status may not enroll in a program offered fully through Distance Education.
- F-1 students must be enrolled in a Campus-Based program (On-Campus or Hybrid).
- No more than one distance education course or three (3) credits per semester may count toward a student's full course of study.

Hybrid courses that contain a required in-person component are considered campus-based for SEVP purposes. Students are responsible for maintaining compliance with all immigration regulations. Questions regarding visa status should be directed to the University's Designated School Official (DSO).

Clock and Credit Hours

Each clock hour or credit hour (regardless of delivery method) equals 50 minutes of instruction. Clock hours apply to Diploma programs. Credit hours apply to Associate, Bachelor's, and Master's degree programs.

Course Numbering

Course numbers are based on institutional coding and do not correspond to state common course numbering systems. The numbers indicate the course level:

- 100–200 level: Lower-level undergraduate
- 300–400 level: Upper-level undergraduate
- 500 level and above: Graduate

Prefixes

ACCTG	Accounting	MBA	Master Business Administration
BAM	International Business	MCS	Master in Cybersecurity
BIA	Business Intelligence & Analytics	MHM	Master in Hospitality Management
BIT	Information Technology Management	MIT	Master of Information Technology
BSC	Biology	MRKT	Marketing
BUS	General Business	MATH	Mathematics
CIT	Computer & Info. Tech	NUR	Nursing
ECON	Economics	PSY	Psychology
EGN	Engineering	PHIL	Philosophy
ENGL	English	PHY	Physics
EMPL	Employment Skills	SLS	Student Success
FIN	Finances	SOC	Sociology
HSA	Healthcare	SPC	Speech
IB	International Business	SPN	Spanish
ISM	Information Systems Management	STAT	Statistics
MAN	Management	MHS	Management in Health Services
MAR	Digital Marketing	MSN	Master of Science in Nursing
COM	Communications	NUE	Nursing Education
HCI	Healthcare Informatics	PHN	Public Health Nursing
HCL	Healthcare Leadership		
IDS	Interdisciplinary Studies		

Definition of clock hour to credit hour conversion

For the purpose of this catalog, the following apply:

- Academic Year: Minimum of two consecutive semesters.
- Semester: A period of instruction of 16 weeks in duration
- Type of Credit Hour awarded: Semester credit hours
- Period of Enrollment or Period of Financial Obligation: One semester.
- Semester Credit Hours: Each course equals three (3) credit hours, equivalent to 48 hours of classroom contact plus two hours of out-of-class work for each hour of instruction (96 hours per course).
- A clock Hour: Is defined as a period of 50 minutes of instruction.
- Undergraduate full-time student: A student enrolled for a minimum of 12 semester credit hours.
- Undergraduate part-time student: A student who is enrolled in fewer than 12 semester credit hours.
- Graduate full-time student: A student enrolled for a minimum of 9 semester credit hours, or a student enrolled in special graduate programs structured with 6 credit hours per semester, which are designated as full-time by the University.
- Graduate part-time student: A student who is enrolled in fewer than 9 semester credit hours, except in cases where enrollment in a special graduate program of 6 credit hours per semester is classified as full-time by the University.

Admissions

General Admissions Requirements

Applicants must:

- Be 18 years or older or have written permission from a parent or legal guardian.
- Complete a recommended interview with Admissions in person, by telephone, or by video conference.
- Complete an enrollment agreement.
- Provide a copy of a high school diploma, high school transcript, GED, or the equivalent document if the applicant completed secondary education in another country. Documents from non-English-speaking countries must be translated into English and evaluated by an approved educational evaluation service attesting that the degree or credits earned are equivalent to a degree or credits earned at an accredited institution of higher education, or at least equivalent to a U.S. high school diploma. Applicants do not need to provide proof of high school graduation when they provide:
 - Official transcripts showing 60 college credits or an earned degree from an accredited institution recognized by the U.S. Department of Education; or
 - If documents are from another country, an evaluation of an official transcript by an approved educational evaluation service attesting that the degree or credits earned are equivalent to a degree or credits earned at a U.S. accredited institution of higher education. If the official transcripts are provided, a copy of the evaluation is acceptable; if the original evaluation is provided, a copy of the transcripts is acceptable.
- Provide official transcripts from other approved postsecondary schools if seeking transfer credit, translated and evaluated as described above when they come from non-English-speaking countries. Acceptable postsecondary institutions are those accredited by an agency recognized by the U.S. Department of Education or the Council for Higher Education Accreditation, or recognized by the Department or Ministry of Education of the country where the institution operates.
- Submit official transcripts before the class start date. Exceptions: (1) students who begin enrollment within 30 days of the class start date may be granted a 30-day waiver if they show proof (such as a paid receipt) that the transcripts were requested and sent to the Atlantis University Registrar; and (2) students affected by catastrophic events outside their control, such as hurricanes or earthquakes, may be granted a waiver of 30 days or longer, regardless of when they apply, with Compliance Department approval.
- When no official transcripts are available but there are verifiable records of high school or higher education studies, or when applicants come from places where official transcripts are difficult or impossible to obtain (for example, Puerto Rico, Cuba, Venezuela, or Russia), the University may accept a copy of the transcripts with an attestation from the student certifying that the records are truthful. All documents must be translated into English and evaluated by an approved educational evaluation service.
- Pay a non-refundable one-time application fee of \$150.00 for Undergraduate and Graduate Degree Programs.
- Students enrolling in Distance Education programs must complete and pass an assessment of computer literacy, self-discipline, motivation, and the requirements for successful completion of online courses before enrollment. See Prerequisites for Admission in Distance Education for details.

Disclosure: Atlantis University reserves the right to accept or deny admission, enrollment, or re-entry.

Degree Programs Admissions Requirements

Master's Degree Admissions Requirements

Students pursuing a master's degree at Atlantis University must complete between 30 and 45 graduate semester credit hours beyond the bachelor's level, depending on the program. In addition to the General Admissions Requirements, applicants to master's degree programs must:

- Hold a bachelor's degree, or an equivalent credential, from an approved institution of postsecondary education and provide official transcripts. The undergraduate degree must include at least 120 semester credit hours, with at least 30 semester credit hours of general education. Three-year bachelor's degrees from Canada, Bangladesh, Brazil, Pakistan, Bhutan, Nepal, South Africa, Sri Lanka, India, Tunisia, Cameroon, and European countries in the Bologna Process are considered when an approved credential evaluation finds them equivalent to a U.S. bachelor's degree.
- Provide a résumé showing education and complete work history.

An undergraduate degree in a specific field is not required unless the program requirements state otherwise; qualified students from all backgrounds are encouraged to apply. The admission decision is based on the student's undergraduate academic performance and relevant professional experience. Three (3) years of full-time relevant work experience are recommended.

Bachelor of Science Degrees Admissions Requirements

Students pursuing a Bachelor of Science Degree Program at Atlantis University must successfully complete a minimum of 123 semester credit hours. The total credit hours for the Bachelor of Science Degree include: 30 credit hours (mandatory) of prescribed general education courses, and 60 credit hours of prescribed major courses. Credit hours remaining to complete the 123 credit hours shall be drawn from other major courses or major concentration courses.

General Education Requirements for Bachelor of Science Degree Programs

All Bachelor of Science students complete 30 credit hours of general education: 15 in the lower division and 15 in the upper division. Where an area lists more than one course, students take one of them.

Course	Course Name	Credits
Lower Division (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Upper Division (15 credit hours)		
English (3)		
ENGL 302	English Composition II	3
Foreign Language (3)		
SPN 310	Conversational Spanish	3
Natural Science (3)		
BSC 310	General Biology	3
Economics (6), both courses		
ECON 302	Principles of Economics (Microeconomics)	3
ECON 303	Macroeconomics	3
Total General Education		30

Associate of Science Degrees Admissions Requirements

Students in an Associate of Science degree program at Atlantis University must complete a minimum of 60 semester credit hours: 15 credit hours of required general education courses and 45 credit hours of major courses, which include 12 credit hours of electives.

General Education Requirements for Associate of Science Degree Programs

Students complete 15 credit hours of general education. Where an area lists more than one course, students take one of them.

Course	Course Name	Credits
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Total General Education		15

Additional Admissions Requirements for the Bachelor of Science in Nursing (RN to BSN)

In addition to the General Admissions Requirements, applicants to the RN to BSN must meet the following program-specific requirements.

BSN Admissions Requirements

- An associate degree in nursing from an accredited institution, or a foreign nursing degree that an approved educational evaluation service finds equivalent to an associate degree in nursing.
- Official transcripts from approved postsecondary schools for applicants seeking transfer credit.
- Documents from non-English-speaking countries translated into English and evaluated by an approved educational evaluation service attesting that the degree or credits earned are equivalent to a degree or credits earned at an accredited institution of higher education in the United States.

BSN Admissions Requirements for International Students

In addition to the requirements above, international applicants must provide:

- Transcripts from all accredited foreign schools attended, including evidence of academic proficiency.
- Evidence that a diploma was received from an accredited foreign nursing school. Transcripts showing the date of completion are accepted as documentation.

Graduates of foreign nursing programs whose nursing degree is evaluated as equivalent to an associate degree in nursing may be admitted to the RN to BSN. A nursing graduate educated outside the United States, including one who holds a nursing license from another country, cannot practice as a registered nurse in the United States without meeting the requirements of a state Board of Nursing, including passing the NCLEX-RN. To sit for the NCLEX-RN, the graduate must present an English translation and an equivalency evaluation of the academic credentials from an authorized evaluation agency and meet any other requirements of the Board of Nursing.

Licensure Requirement

The RN to BSN does not lead to a nursing license. An RN license is not required for admission. Students who live in the United States and sign their enrollment agreement on or after November 1, 2026 must hold an active RN license before they begin Phase 3 of the program, and they may not continue to Phase 3 or graduate without it. Students who enrolled before November 1, 2026 and are not yet licensed follow an individual licensure plan with a target date before graduation, and the School of Nursing follows their progress every term. Students who live outside the United States and study online sign an attestation stating that they understand the requirements to practice as a nurse in the United States; if they move to the United States, the Phase 3 requirement applies to them. At the start of each term, academic advisors verify each student's license status through the Florida Department of Health or Nursys.

NCLEX-RN review course. Beginning in January 2027, the University offers a free, non-credit NCLEX-RN review course on its Online Campus for students who are not yet licensed. The course is taught by qualified nursing faculty and is offered outside the program's curriculum and credits.

Program Credits

Students in the RN to BSN must complete a minimum of 123 semester credit hours to graduate. Of these, 63 credits are transferred from the associate degree in nursing (or its evaluated foreign equivalent) and cover the 30-credit general education component and lower-division nursing coursework. The remaining 60 credits are the upper-division nursing courses of the RN to BSN, completed at Atlantis University.

Graduation Requirements for All Degree Programs

To be eligible for a degree from Atlantis University, students must:

- Successfully complete a program of study of 30 to 45 graduate semester credit hours for master's degrees (depending on the program), 123 semester credit hours for Bachelor of Science degrees, or 60 semester credit hours for Associate of Science degrees.
- Complete undergraduate degree requirements with a cumulative GPA of 2.0 or higher, or graduate degree requirements with a cumulative GPA of 3.0 or higher.
- Complete at Atlantis University a minimum of 25% of an undergraduate program, or 90% of a graduate program.
- Complete all financial obligations with Atlantis University and all required exit paperwork.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Admissions Processes for Degree Programs

Students who wish to enter a degree program at Atlantis University should contact the Admissions Office or visit www.atlantisuniversity.edu to submit an application. Students should apply well in advance of the date they wish to start, to allow proper scheduling and to ensure availability.

Local applicants are encouraged to visit the University in person. International and Distance Education applicants may apply online. The University uses a rolling admissions policy.

Applicants are notified of their acceptance or rejection after the application is submitted. All admissions services are provided on an equal opportunity/equal access basis.

The Admissions Office is open Monday through Friday, 9:00 a.m. to 8:00 p.m., and Saturday by appointment.

Program Descriptions

Atlantis University offers degree programs in business, information technology and engineering, health, nursing, and education. These programs are organized into five schools:

- School of Business
- School of Information Technology and Engineering
- School of Health
- School of Nursing
- School of Education

The University's Academic Board, made up of professionals and experts from each of these fields, develops, reviews, and updates the academic programs so that they remain current with professional practice and the needs of employers.

School of Business

Mission

The Atlantis University School of Business is committed to offering high-quality academic programs to assist our students in becoming ethical business professionals and leaders who are productive and prepared to succeed in a global, multi-cultural business environment.

Vision

To continue the development and transformation into a business school recognized for delivering quality education. Our graduates will possess the multidisciplinary knowledge, critical-thinking skills and ethical standards to make a positive impact on economies and societies.

We will be a center for global business education and technology, serving as a link between the business arenas of South Florida, Latin America, and the rest of the world.

Degree Programs

The School of Business offers academic programs leading to the following degrees:

Master's	<p>Master of Science in Business Administration (MS) Master in Business Administration (MBA) <i>with Concentration ins:</i> <i>Business Intelligence and Analytics;</i> <i>Digital Marketing;</i> <i>International Business (America's MBA);</i> <i>Information Technology Management</i></p> <p>Master of Science in Real Estate Development Master of Science in Hospitality Management <i>with Concentrations in:</i> <i>Innovation and Technology Management in the Hospitality Industry;</i> <i>International Real Estate Management;</i> <i>Tourism Management</i></p>
Bachelor's	<p>Bachelor of Science in Business Administration <i>with Concentrations in:</i> <i>International Business;</i> <i>Business Intelligence & Analytics;</i> <i>Digital Marketing; HealthCare Management;</i> <i>Project Management; Hospitality Management</i></p> <p>Bachelor of Science in Sports Management</p>
Associate	<p>Associate of Science in Business Administration Associate of Science in International Business</p>

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Master Degrees

Master of Science in Business Administration (MS)

(30 Graduate Level Semester Credit Hours – Estimated Completion Time: 20 months)

Program Description

The Master of Science in Business Administration (MS) at Atlantis University is an intensive graduate degree program designed to instruct students in the theories and practices of the modern business world. The program is designed to prepare students for positions of leadership, and to provide students with a broad comprehensive view of the total business organization.

The program provides knowledge, skills and abilities related to the theories and practices of the modern leadership, management and decision-making environment. It offers a functional business foundation, projected towards modern business administration, research, analytical, communicative and technological skills, allowing students to contribute intellectually to the profession of business administration.

The Master of Science in Business Administration (MS) prepares future, competent, cutting-edge executives for managerial and leadership positions dedicated to transforming and innovating organizations in various contexts.

The Master of Science in Business Administration (MS) program articulates the expected competencies of program graduates, linked to the content of each course where participants are required to demonstrate that they can integrate the knowledge and skills related to the central management disciplines, distributed in a common, technical and specialist ensuring the following structure:

- Core Courses (15 credits)
- Technical Courses (12 Credits)
 - Business Analytics
 - E- Business & Operations Management
 - International Strategic Management
- Research and Evidence Courses (3 credits)

Program Objective

Upon completion of the Master of Science in Business Administration (MS) Degree Program, students may seek executive employment in business, government, or a variety of industries where a range of professional business skills are needed.

The objectives of Master of Science in Business Administration (MS) program are to:

- Integrate managerial competencies, which are essential for effective leadership – by applying business strategies, international business concepts, marketing tools, and critical analysis to manage and solve situations in unpredictable environments.
- Provide students the tools and practical experiences essential to an executive or top management career in business.
- Further develop student's knowledge of central functions of management, marketing, finance, and information technology in a global economy.
- Enhance student's appreciation of the ethical and legal environment of business as the context for their own contributions to the economic and social well-being of their communities.
- Enhance student's understanding of and sensitivity to cultural differences in the workplace as they impact management effectiveness.

Program Breakdown

Students complete 30 graduate credit hours: 15 in core courses, 12 in technical courses, and 3 in the final research project.

Course	Course Name	Credits
Core Courses (15 credit hours)		
MAN 510	Leadership & Organizational Behavior	3
MAN 520	Quantitative Business Management	3
MAN 530	Accounting, Planning & Control	3
MAN 540	Financial & Decision Making	3
MAN 550	Marketing and Consumers Management	3
Technical Courses (12 credit hours)		
Business Analytics (3), choose one		
<i>Computer models that support managerial decision making.</i>		
BIA 706	Predictive Analytics	3
BIA 708	Artificial Intelligence and Data Mining Apps for Business Intelligence	3
ISM 600	Data Analytics Management	3
MBA 501	Managerial Economics	3
MBA 550	Economic Analysis and Business Decisions	3
E-Business & Operations Management (6), choose two		
<i>Management structures that use information to support organizational decisions.</i>		
MAR 600	Social Media Marketing: Google, Facebook, Instagram & YouTube	3
MBA 671	Information and Technology Systems	3
MBA 675	IT & Business Transformation	3
MBA 702	Operations and Project Management	3
MBA 705	Entrepreneurship Business Project	3
MHM 664	Hospitality Operations Management	3
MIT 501	E-Business Technology and Management	3
International Strategic Management (3), choose one		
<i>Strategy tools and frameworks applied to competitive business situations at a global level.</i>		
BAM 600	International Business	3
BIT 620	Global Information Technology Management	3
MBA 521	International Strategic Management	3
MSN 683	International Perspectives in Community Health	3
Final Research Project (3 credit hours)		
MBA 711	Final Project (Capstone)	3
Total		30

Students are normally scheduled for one course at a time.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Business Administration.

Master in Business Administration (MBA) (With Concentrations)
(45 Graduate Level Semester Credit Hours – Estimated Completion Time 24 months)

Program Description

The Master in Business Administration is a graduate degree program designed to prepare students in the theories and practices of the modern business world through leadership positions. This program allows students to master managerial skills necessary to be effective in an environment of continuous evolution, helping them become effective decision makers and managers in a world increasingly affected by globalization, technology, and ethical challenges. With a broad, comprehensive view of the total business enterprise, the program allows students to choose a concentration that aligns their degree with their learning objectives and helps them master the competencies required in their chosen field. The program is also designed for professionals with a wide range of backgrounds who wish to advance or improve their business careers.

The curriculum encompasses critical managerial competencies and includes an applied business experience required for program completion, giving students the opportunity to apply the knowledge, skills, and competencies developed throughout the program to complex, real-world business contexts. Students completing the MBA program's 45 semester credit hours combine Core Courses (18 semester credit hours, including the Applied Business Experience), Technical Courses (18 semester credit hours), and the prescribed courses of a specific business concentration (9 semester credit hours), with the opportunity to choose one of four concentrations: Business Intelligence and Analytics, Digital Marketing, Information Technology Management, or International Business (America's MBA).

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Program Objective

To support the University Mission goals, the MBA with concentrations conducts learning opportunities in which the students experience, practice, and acquire skills and knowledge on:

- Managerial competencies, business strategies, international business concepts, marketing tools, and critical analysis
- Central functions of management, marketing, finance, and information technology in a global economy
- Ethical and legal environment of business
- Cultural differences in the workplace as they affect management effectiveness
- Statistical data and economic models related to an organization's operations
- Community responsibilities in organizations and society
- Innovative solutions to complex ethical issues
- Analysis and decision-making techniques, case study and consulting methods
- Social, multicultural issues and trends affecting business
- Integration and application of knowledge, skills, and competencies developed throughout the program to complex, real-world business contexts

Program Outcomes

Upon completion of this program, students will be able to:

- Apply managerial competencies, international business concepts, marketing tools, and critical analysis to manage and solve situations in unpredictable environments
- Deliver practicality and effectiveness as a top management executive in business
- Demonstrate full appreciation of the ethical and legal environment of business as the context for their own contributions to the economic and social well-being of their communities
- Deliver effective management with adequate sensitivity to cultural differences in a multicultural workplace
- Demonstrate adequate interpretation of statistical data and economic models related to an organization's operations
- Evaluate community responsibilities in organizations and society

- Propose innovative solutions to complex ethical issues faced by organizations
- Solve business problems with proper management of decision-making techniques, case studies and consulting methods
- Demonstrate full awareness of social, ethical, multicultural issues and trends affecting business
- Integrate and apply MBA competencies to address a complex business problem, formulate evidence-based recommendations, and communicate the expected organizational impact at a graduate and professional level

Concentrations

The option of selecting a concentration allows students to develop specialized skills in a particular field and obtain an MBA with a concentration. Upon successful completion of all program and concentration requirements, students will be able to:

MBA in Business Intelligence and Analytics

- Produce financial and market intelligence by querying data repositories and generating periodic reports.
- Devise methods for identifying data patterns and trends in available information sources.
- Analyze competitive market strategies through analysis of related product, market, or share trends.
- Synthesize current business intelligence or trend data to support recommendations for actions.
- Communicate with customers, competitors, suppliers, professional organizations, or others to stay abreast of industry or business trends.
- Manage timely flow of business intelligence information to users.
- Collect business intelligence data from available industry reports, public information, field reports, or purchased sources.
- Collaborate with representatives from government and intelligence organizations to share information or coordinate intelligence activities.
- Prepare comprehensive written reports, presentations, maps, or charts based on research, collection, and analysis of intelligence data.

Career opportunities: Business Intelligence Analyst; Business Intelligence Manager, Commercial Intelligence Manager; Competitive Intelligence Analyst; Director of Enterprise Strategy; Consultant, Strategic Business and Technology Intelligence; Director of Market Intelligence; Director, Global Intelligence; Intelligence analyst; Manager, Market Intelligence.

MBA in Digital Marketing

- Plan, direct, or coordinate marketing policies and programs
- Determine the demand of products and services offered by a firm and its competitors and identify potential customers.
- Develop pricing strategies with the goal of maximizing the firm's profits or share of the market while ensuring the firm's customers are satisfied.
- Monitor trends that indicate need for new products and services.
- Identify, develop, or evaluate marketing strategy, based on knowledge of establishment objectives, market characteristics, and cost and markup factors.
- Formulate, direct, or coordinate marketing activities or policies to promote products or services, working with advertising or promotion managers.
- Evaluate financial aspects of product development, such as budgets, expenditures, research and development appropriations, or return-on-investment and profit-loss projections.
- Compile lists describing product or service offerings.

Career opportunities: Account Supervisor, Brand Manager, Business Development Director, Business Development Manager, Commercial Lines Manager, Market Development Executive, Marketing Coordinator, Marketing Director, Product Manager, Social Media Manager.

MBA in Information Technology Management

- Plan, initiate, manage and lead information technology (IT) projects.
- Serve as liaison between business and technical aspects of projects.
- Plan project stages and assess business implications for each stage.
- Monitor progress to assure deadlines, standards, and cost targets are met.
- Manage project execution to ensure adherence to budget, schedule, and scope.
- Develop project plans for information technology projects such as project objectives, technologies, systems, information specifications, schedules, funding, and staffing.
- Monitor or track project milestones and deliverables.
- Confer with project personnel to identify and resolve problems.
- Develop and manage work breakdown structure (WBS) of information technology projects.

Career opportunities: IT Manager, IT Project Manager, Manager of IT, Program Manager, Project Manager, Project Manager/Team Coach, Senior Lead Project Manager, Senior Project Leader/Team Lead, Technical Project Lead.

MBA in International Business (America's MBA)

- Plan, direct, or coordinate purchasing, warehousing, distribution, forecasting, customer service, or planning services.
- Manage logistics personnel, logistics systems, and direct daily operations.
- Determine and formulate policies and provide overall direction of companies or private and public sector organizations within guidelines set up by a board of directors or similar governing body.
- Plan, direct, or coordinate operational activities at the highest level of management with the help of subordinate executives and staff managers.
- Collaborate with cross-country and abroad departments to integrate logistics with business systems and processes, such as customer sales, order management, accounting, or shipping.
- Supervise the work of logistics specialists, managers, and staff in global corporate matters.
- Create policies or procedures for corporate international activities.
- Direct distribution center operation to ensure achievement of cost, productivity, accuracy, or timeliness objectives.
- Resolve problems on transportation, logistics systems, imports/exports, and customer issues.
- Conceive and run organization's financial or budget activities to fund operations, maximize investments, or increase efficiency.
- Appoint department heads or managers, assign or delegate responsibilities.
- Analyze operations to evaluate performance of a company or its staff, determine areas of potential cost reduction, program improvement, or policy change.
- Plan and implement policies, objectives, or activities of organizations or businesses to ensure continuing operations to maximize returns on investments, or to increase productivity.
- Prepare budgets for approval, including those for funding or implementation of programs.

Career opportunities: Global Logistics Manager, Integrated Logistics Programs Director, Logistics Analytics Manager, Logistics Director, Operations Manager, Solution Manager, Team Leader, Supply Chain Logistics Manager, Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Executive Director, Vice President, Operations Vice President, President.

Credential Awarded

The credential to be awarded upon completion of the program is a Master in Business Administration.

Program Breakdown (45 graduate credit hours: 18 core, 18 technical, 9 concentration)

Course	Course Name	Credits
Core Courses (18 credit hours)		
MAN 510	Leadership and Organizational Behavior	3
MAN 520	Quantitative Business Management	3
MAN 530	Accounting, Planning & Control	3
MAN 540	Financial & Decision Making	3
MAN 550	Marketing and Consumers Management	3
MBA 710	Applied Business Experience	3
Technical Courses (18 credit hours)		
Business Analytics (3), choose one		
ISM 600	Data Analytics Management	3
MBA 501	Managerial Economics	3
MBA 550	Economic Analysis and Business Decisions	3
MIT 522	Cloud Computing and Data Analytics	3
E-Business & Innovation (9), choose three		
MBA 550	Economic Analysis and Business Decisions	3
MBA 621	Business Analytics (Data Mining)	3
MBA 675	IT & Business Transformation	3
MBA 705	Entrepreneurship Business Project	3
Strategy Management (6), choose two		
MBA 521	International Strategic Management	3
MBA 533	Human Capital Management	3
MBA 561	Innovative Business Law	3
MBA 702	Operations and Project Management	3
Concentration (9 credit hours), choose one and complete all three courses		
Business Intelligence and Analytics		
BIA 704	Applications for Business Analytics	3
BIA 706	Predictive Analytics	3
BIA 708	Artificial Intelligence and Data Mining Apps for Business Intelligence	3
Digital Marketing		
MAR 600	Social Media Marketing: Google, Facebook, Instagram & YouTube	3
MAR 620	The Value of Content: Monetizing Your Content	3
MAR 640	Measuring Your Performance: ROI for Social Media	3
Information Technology Management		
BIT 600	E-Business Technology and Management	3
BIT 620	Global Information Technology Management	3
BIT 640	Strategic Management of Technology & Innovation	3
International Business (America's MBA)		
BAM 600	International Business	3
BAM 620	Latin American Regulatory Environment	3
BAM 640	Latin American Company, State and Society	3
Total		45

Course Prerequisites: Students must complete at least six (6) graduate credit hours before registering for 700-level courses.

Master of Science in Real Estate Development

(30 Graduate Level Semester Credit Hours – Estimated Completion Time 12 months)

Program Description

The Master of Science in Real Estate Development (MRED) program of Atlantis University is crafted to empower students with advanced knowledge and skills in real estate development, investment, and management. This interdisciplinary curriculum integrates principles of finance, urban planning, economics, and law, to offer comprehensive education tailored to the complexities of the real estate sector. By blending theoretical instruction with practical applications, the program prepares graduates to excel in diverse roles within the industry. The mission of the program is to develop the next generation of real estate leaders equipped with the knowledge, skills, and ethical grounding to innovate and thrive in this dynamic field. The program is designed to deepen understanding of global and local real estate markets, enhance analytical and decision-making abilities, and promote sustainable and technologically advanced practices. Through rigorous academic coursework and practical experiences, the program aims to empower graduates to make significant contributions to both the built environment and society at large.

Program Objective:

The Program Objectives are designed to empower students with the knowledge, skills, and strategic mindset essential for success in the dynamic field of real estate development, enabling them to make meaningful contributions to their organizations or industries. The program aims to achieve the following objectives:

- Provide students comprehensive understanding and practical skills in real estate development, investment strategies, and property management.
- Foster the ability to analyze real estate markets using economic, financial, and market data to make informed investment and development decisions.
- Promote the adoption of sustainable development practices and ethical standards in real estate projects, aligning with local and global, environmental, and social responsibilities.
- Enable students to leverage cutting-edge technologies such as artificial intelligence (AI), data analytics, and digital platforms for enhancing real estate decision-making, operations efficiency, and market analysis.
- Develop leadership and management competencies essential for effectively leading teams and projects within the dynamic and multicultural context of real estate.

Learning Outcome:

Upon completion of the Master of Science in Real Estate Development program, graduates will be able to demonstrate proficiency in the following areas:

- Performing comprehensive market analysis and feasibility studies for real estate development projects, considering economic, cultural, and regulatory factors across different markets.
- Formulating effective real estate development investment strategies that align with market trends, risk profiles, and investor objectives.
- Developing financial models to evaluate real estate valuation, investment performance, and financial feasibility in global contexts.
- Navigating the complex legal and regulatory frameworks governing real estate transactions and developments, ensuring compliance and risk management.
- Incorporating sustainable development principles into real estate projects, addressing environmental impact, energy efficiency, and community engagement.
- Leveraging AI, data analytics, and emerging technologies to optimize real estate operations, enhance decision-making processes, and innovate within the real estate industry.
- Leading real estate projects throughout their lifecycle, from conception and development to management and disposition, ensuring successful outcomes and stakeholder satisfaction.
- Applying ethical principles and best practices in all aspects of real estate practices, promoting integrity, transparency, and social responsibility.

Graduation Requirements

The Master of Science in Real Estate Development is a comprehensive 30-semester credit hour program. Of these, 24 credit hours are dedicated to technical courses, and 6 credit hours to electives falling under the STEM designation. The inclusion of STEM courses is crucial, as it ensures students gain a robust foundation in technology, which is integral to tackling modern real estate development challenges with innovative and data-driven solutions. To complete the program, students must fulfill a mandatory research component, which accounts for 3 credit hours of the technical courses. This component is designed to cultivate advanced analytical and research skills, preparing graduates to contribute to the field of real estate development through rigorous investigation and thought leadership.

Program Breakdown

Students complete 30 graduate credit hours: 24 in technical courses, including the 3-credit capstone research project, and 6 in electives.

Course	Course Name	Credits
Technical Courses (24 credit hours)		
All courses required		
MRE 500	Real Estate Development and Urbanism	3
MRE 520	Land Use and Environmental Regulations	3
MRE 560	Real Estate Markets and Institutions	3
MRE 600	AI in Real Estate Finance and Investment	3
MRE 620	Sustainable Real Estate Development	3
MRE 640	Real Estate Contracts & Negotiations with AI	3
MRE 660	Legal Aspects of Real Estate Development - Law and Ethics	3
MRE 700	Capstone Project in Real Estate Development (research component)	3
Elective Courses (6 credit hours), choose two		
MRE 540	Smart Cities and Real Estate	3
MRE 541	Commercial Real Estate	3
MRE 542	Design, Construction, and Real Estate	3
MRE 680	Accounting Planning & Control	3
MRE 681	Real Estate Social Media and Marketing	3
MRE 682	AI-Driven Global Real Estate Markets & Investments	3
Total		30

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Real Estate Development.

Master of Science in Hospitality Management (with Concentrations)
(36 Graduate Level Semester Credit Hours – Estimated Completion Time 16 months)

Program Description

The Master in Hospitality Management at Atlantis University is a graduate degree program that will refine the professional and academic skills of its graduates, giving them a competitive edge to lead and excel in the demanding arena of hospitality management.

The program provides students with a wealth of advanced knowledge of the travel and tourism, hotel, entertainment, and event management industry, and expands their management skills and professional leadership abilities, promoting effective decision-making, team management skills, understanding of cultures and their impact in hospitality, and the necessary acumen expected in the hospitality management industry. Graduates of this program will go on to play a vital role in addressing the changes and challenges of the hospitality industry within the region, the state, the nation and the world.

With a wide range of careers in the field, and a bright occupational outlook, the hospitality industry is one of the largest sectors in the service industry and provides a vast number of opportunities for those in the field. Graduates from the MS in Hospitality Management attain a wide range of strategic and conceptual skills, which will help them become accomplished managers, with a clear grasp of management of customer service skills, and the knowledge of how to apply them through different cultures and environments, and the capability of working across public and private enterprises including leisure facilities, condominiums and residences, luxury hotels, theme parks, casinos and gambling facilities, cruise ships, conferences, events, and exhibition centers, museums and concert halls, and managing of governmental campaigns.

The program is designed to foster strong analytical and personal skills, technological abilities, effective communication, and logical ethical approaches to the hospitality industry. The curriculum encompasses critical managerial competencies and includes a culminating experience and research component required for program completion.

Program Structure

Students complete 36 graduate semester credit hours, distributed as follows:

- Core Courses (12 credits)
- Technical Courses (12 credits): Hospitality Operations (6 credits) and Hospitality Marketing (6 credits)
- Concentration (9 credits): Innovation and Technology Management in the Hospitality Industry, International Real Estate Management, or Tourism Management
- Final Research Project (3 credits)

Program Objective

Atlantis University features a Master of Hospitality Management degree program designed to develop students' careers as future leaders in the hospitality industry. The program is well crafted with both academic foundations in general management and the particular content unique to the industry of hospitality, preparing students in a wide variety of aspirations whether corporate or boutique, startup or expansion, domestic or global. The program's objective is to deepen students' knowledge and expertise, develop their professional skills, and enable them to compete for a rewarding career in the hospitality industry. In support of the University Mission, the Master of Hospitality Management with its Concentrations, provides learning opportunities for students to experience, practice, and enhance competencies to become accomplished leaders capable of working across a range of public and private enterprises within the hospitality industry.

Program Outcomes

Upon completion of this program, students will be able to:

- Apply managerial competencies, business strategies, international business concepts, marketing tools, and critical analysis.
- Master competencies of management, marketing, finance, and information technology for the Hospitality Management field.
- Understand ethical and legal environment matters in the industry of Hospitality.
- Understand Cultural differences and their effect in Hospitality and Tourism.
- Maneuver statistical data and economic models for performing hospitality business operations.
- Utilize analysis and decision-making techniques.

Graduation Requirements

To be eligible for the Master of Science in Hospitality Management, students must meet the University's graduation requirements and the following:

- Successfully complete a minimum of 36 graduate semester credit hours beyond the bachelor's level.
- Complete all degree requirements with a cumulative GPA of 3.0 or higher.
- Complete at least 90% of the graduate program at Atlantis University.
- Satisfy all financial obligations with the University and complete all required exit paperwork.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Concentrations

Students combine the 27 credits of core, technical, and final research courses with the 9 credits of one concentration, which allows them to develop specialized skills in a particular field.

Innovation and Technology Management in the Hospitality Industry

The concentration in Innovation and Technology Management in the Hospitality Industry is a forward-looking program meticulously designed to empower students with the specialized knowledge and advanced skills necessary to excel in today's dynamic and fast-paced hospitality landscape. As the hospitality industry continues to undergo significant transformations driven by technological advancements and changing consumer preferences, this concentration prepares students to navigate and lead in this evolving environment with confidence and expertise.

Career opportunities: Project Managers, Business Developers, Hotel Managers, Resort Managers, Front Office Managers.

International Real Estate Management

Students get immersed into the world of hospitality real estate development, planning, investment analysis, financing techniques and asset management. They will also attain knowledge and skills pivotal to succeed in the developing field of Real Estate. Students gain an awareness and understanding about the pattern of causality between foreign real estate investment and tourism, as there is an empirical link between foreign direct investment, real estate sector and international tourism.

Career opportunities: International real estate agent, Real estate manager, coordinator, luxury real estate management, International Property Specialist, Real Estate Broker, Real Estate Consultant.

Tourism Management

Students gain specific knowledge in project management, business development, and customer relations. The tourism and event planning industry looks for leaders endowed with a good balance between creativity, managerial skills, innovative thinking, and planning and organization competencies; the concentration will drive students in developing a resourceful and original thinking around tourism and special events planning strategies. Skills gained through the concentration include marketing and management specific to tourism and the key factors for addressing various stakeholders in the business of event planning.

Career opportunities: Product manager within travel agencies or tour operators, event managers, professional event planners, operations manager in the hospitality industry, project manager, business tourism advisor.

Program Breakdown (36 graduate credit hours: 12 core, 12 technical, 9 concentration, 3 final research project)

Course	Course Name	Credits
Core Courses (12 credit hours)		
MAN 510	Leadership & Organizational Behavior	3
MAN 520	Quantitative Business Management	3
MAN 540	Financial & Decision Making	3
MAN 550	Marketing and Consumers Management	3
Technical Courses (12 credit hours)		
Hospitality Operations (6), choose two		
MBA 521	International Strategic Management	3
MBA 675	IT & Business Transformation	3
MHM 527	Management of the Hospitality Industry	3
MHM 664	Hospitality Operations Management (Project Management)	3
MHM 671	Business Plan and Hospitality: Financial Analysis, Strategic Forecasting & Budgeting in Hospitality	3
MHM 687	Hospitality Data Analytics	3
Hospitality Marketing (6), choose two		
MHM 559	Consumer Psychology, Persuasion Strategies and Customer Relationship Management	3
MHM 645	Hospitality Marketing Strategy	3
MHM 689	Hospitality Enterprise Technology & e-Tourism	3
MIT 501	E-Business Technology and Management	3
Concentration (9 credit hours), choose one and complete all three courses		
Innovation and Technology Management in the Hospitality Industry		
MHT 801	Internet of Things (IoT) and Automation Systems in Smart Hotels	3
MHT 814	Artificial Intelligence (AI) and Machine Learning Applied to Hotel Management	3
MHT 827	Virtual Reality (VR) and Augmented Reality (AR) in the Hotel Customer Experience	3
International Real Estate Management		
MHM 802	Hospitality Asset Management	3
MHM 815	Real Estate Markets, Institutions and Practices	3
MHM 828	Real Estate Development and Market Analysis	3
Tourism Management		
MHM 803	Contemporary Global Issues in Hospitality & Tourism	3
MHM 816	Tourism, Marketing and Sales	3
MHM 839	Travel, Casino, & Cruise Operations Management	3
Final Research Project (3 credit hours)		
MHM 710	Final Project (Capstone)	3
Total		36

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Hospitality Management.

Bachelor Degrees

Bachelor of Science Degree in Business Administration (123 Credit Hours – Estimated Completion Time: 41 months)

Program Description

The Atlantis University Bachelor of Science in Business Administration program prepares qualified professionals to perform in management and within the global marketplace, with the necessary competencies to be an agent of change in organizations, with a key entrepreneurial spirit for personal, business and social success of organizational management. Students are instructed by a distinguished faculty and learn to integrate changing human and information resources with continually developing technology, while nurturing the entrepreneurial spirit that has always been the key to successful business and management.

The School of Business offers a Bachelor of Science in Business Administration Degree program that can be obtained by: transferring credits earned in a Business Associate's Degree (60 credit hours) and completing the remaining prescribed major courses (additional 63 credit hours) for a total of 123 semester credit hours.

Students complete the 123 semester credit hours of the program by combining general education courses (30 credit hours), Business Administration major courses (75 credit hours), and the prescribed courses of one business concentration (18 credit hours). After completing all general education and major courses, students choose one of the following concentrations: International Business, Business Intelligence & Analytics, Digital Marketing, HealthCare Management, Project Management, or Hospitality Management.

Program Objectives

Upon completion of the Business Administration Bachelor Degree Program, students may seek employment in business, government, or a variety of industries where a range of general business skills are needed. The graduate of this program will have the skills to:

- Design and implement strategies and business plans that allow organizations to identify opportunities and create sustainable competitive advantages.
- Be a transformational leader in business, government or industry organizations, generating a vision of global reach in companies.
- Constantly optimize the use of resources and capacities of organizations for the fulfillment of objectives and goals.
- Undertake business plans that respond to personal, social and business needs.

Business Major Concentrations

The Atlantis University School of Business also offers a Certificate after successful completion of 12 credits of a major concentration. Therefore, concentrations can be individually taken by students wishing to complete a certificate in a particular area. The following concentrations are available:

International Business

Provides a solid foundation in the theory and practice of modern business organizations in relation to current economic, political, and socio-cultural environments. It prepares students to enter the workplace directly or to go on to graduate study. After the successful completion of 12 credits of this concentration, students will receive a Certificate.

Business Intelligence & Analytics

This concentration is designed to provide students with the technical, analytical and interpretive skills required for the applications of business analytics in real-world business situations, apply various analytics techniques and database systems to support business analytics applications and apply the primary statistical, quantitative and business analytics tools and techniques to support common business decision-making applications.

Digital Marketing

This concentration is designed to provide students with competencies to understand the key concepts of digital marketing, how it has changed customer behavior and the implications for their role and the wider business, devise, implement and measure digital campaigns and use SEO, paid search, content, advertising and email to drive customer engagement.

HealthCare Management

This concentration is designed to integrate a framework of business and general education courses with a health care curriculum that provides graduates with foundational knowledge to enter the health industry. The HealthCare Management concentration develops solid management knowledge and skills combined with a broad overview of issues and challenges specific to the complex field of health care delivery. Emphasis of instruction will be on developing the managerial skills required to work in today's regulated, complex health care field. Upon completion of the program, graduates will be prepared for supervisory or middle management positions in hospitals, managed care organizations, healthcare facilities, or to advance to a graduate program of study. After the successful completion of 12 credits of this concentration, students will receive a Certificate.

Project Management

This concentration is designed to provide students competencies to create and manage company assignments by building budgets, assigning tasks, and scheduling workflow. After the successful completion of 12 credits of this concentration, students will receive a Project Management Undergraduate Certificate, and will also be ready for taking the Project Management Certification industry credential exam (CAPM). PMI's Certified Associate in Project Management (CAPM)® is a valuable entry-level certification for project practitioners. Designed for those with little or no project experience, the CAPM® demonstrates understanding of the fundamental knowledge, terminology and processes of effective project management.

Hospitality Management

This concentration covers the core competencies required for success as a hospitality professional. After the successful completion of 12 credits of this concentration, students will receive a Hospitality Management Undergraduate Certificate.

Credential Awarded

The credential to be awarded upon completion of the program is a Bachelor of Science in Business Administration.

Program Outline

To earn the Bachelor of Science in Business Administration, students complete 123 credit hours: 30 in general education and 93 in business administration courses. Where an area lists more than one course, students take the number of courses shown.

General Education Requirements (30 credit hours)

Course	Course Name	Credits
Lower Division (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Upper Division (15 credit hours)		
English (3)		
ENGL 302	English Composition II	3
Foreign Language (3)		
SPN 310	Conversational Spanish	3
Natural Science (3)		
BSC 310	General Biology	3
Economics (6), both courses		
ECON 302	Principles of Economics (Microeconomics)	3
ECON 303	Macroeconomics	3
Total General Education		30

Business Administration Courses (93 credit hours)

Course	Course Name	Credits
Lower Division Major Courses (45 credit hours), all required		
ACCTG 101	Accounting I	3
ACCTG 220	Accounting Information Systems	3
BUS 101	Introduction to Business	3
BUS 102	Business Administration and Management	3
BUS 200	Business Law	3
BUS 201	Strategy Management and Decision Making	3
BUS 203	Operations Management	3
BUS 204	Introduction to Project Management	3
CIT 121	Technology Applications for Business	3
IB 100	Introduction to International Business	3
IB 102	International Management	3
MRKT 101	Principles of Marketing	3
MRKT 202	Marketing Strategies	3
SCM 204	Supply Chain Fundamentals	3
STAT 200	Statistics	3
Upper Division Major Courses (30 credit hours), all required		
BUS 223	Leadership and Human Resources	3
BUS 224	Organizational Behavior	3
BUS 227	Management and Budget	3
BUS 228	Project Management	3
FIN 300	Financial Management Negotiations	3
IB 203	Fundamentals of Foreign Trade	3
IB 205	International Trade Export/Import	3
IB 207	International Banking and Finance	3
MRKT 205	Consumer Behavior	3
MRKT 210	Principles of Advertising and Public Relations	3
Major Concentration (18 credit hours), choose one and complete all six courses		
International Business		
BUS 330	Cultural Environment of International Business	3
BUS 333	International Negotiations & Transactions	3
BUS 423	E-Commerce Management	3
IB 400	International Entrepreneurship	3
IB 402	Strategic Management in the Multicultural Corporation	3
MRKT 405	International Marketing	3
Digital Marketing		
MRKT 310	Data Analytics for Digital Marketing	3
MRKT 320	Search Engine Optimization (SEO) and Web Design	3
MRKT 330	Marketing and the Virtual Marketplace	3
MRKT 340	Digital Marketing	3
MRKT 350	Social Media and Marketing Communications	3
MRKT 360	Strategic Marketing and Planning Projects	3
Business Intelligence & Analytics		
BIAN 310	Business Intelligence and Analytics	3
BIAN 320	Modeling for Decision-Making	3
BIAN 330	Data Warehousing	3

Course	Course Name	Credits
BIAN 340	Web Analytics Strategies	3
BIAN 350	Predictive Analytics	3
BIAN 360	Applications of Business Analytics	3
HealthCare Management		
BUS 308	Ethics and Social Responsibility	3
HSA 315	International Health Legislation	3
HSA 320	Introduction to HealthCare Management	3
HSA 337	Management of Health Services Organizations	3
HSA 399	Primary HealthCare Management	3
HSA 401	Hospital Management	3
Project Management		
BUS 440	Project Risk Management	3
BUS 442	Managing Quality in the Project Environment	3
BUS 450	Enterprise Project Management	3
BUS 455	Management Leadership & Team Building in the Project Environment	3
BUS 463	Certified Associate in Project Management - CAPM Exam Preparation	3
MRKT 451	International Marketing	3
Hospitality Management		
BUS 360	Fundamentals of Hospitality & Tourism Management	3
BUS 362	Traveling Information Technology / Reservation Systems	3
BUS 365	Hospitality and Tourism Management	3
BUS 401	Hotel and Facility Management	3
BUS 405	Food and Beverage Operations	3
BUS 407	International Travel and Tourism	3
Total Business Administration Courses		93

Total program: 123 credit hours (30 general education + 93 business administration).

Bachelor of Science in Sports Management

(123 Credit Hours – Estimated Completion Time 41 months)

Program Description

The Bachelor of Science in Sports Management program is designed to equip students with the knowledge, skills, and expertise necessary to thrive in the dynamic and competitive sports industry. This interdisciplinary program integrates principles of business administration with specialized knowledge in sports management, providing a comprehensive understanding of both the business and operational aspects of sports. Students will gain insights into sports marketing, finance, law, event management, and the role of sports in society, preparing them for varied careers in sports organizations, teams, agencies, and related sectors.

The program mission is to cultivate a community of future sports management professionals who are equipped to navigate the complexities of sports business, promote ethical practices, and drive innovation in the field of sports management.

Program Objectives

- Provide students with a solid foundation in business administration, including finance, marketing, management, and economics, tailored to the sports industry context.
- Deliver in-depth knowledge of sports management, including sports marketing, sports finance, facility management, event planning, sports law, and ethics.
- Offer hands-on learning opportunities through internships, practicum experiences, and real-world projects with sports organizations, providing practical skills and professional networking opportunities.
- Instill a strong understanding of ethical considerations and promote responsible decision-making practices in sports management, emphasizing the importance of integrity, fairness, and social responsibility.
- Encourage innovative thinking and leadership skills, preparing students to drive change and manage challenges in the evolving sports industry.
- Develop an understanding of the global nature of the sports industry and the cultural, social, and economic factors that influence sports management practices worldwide.

Learning Outcomes

The BS in Sports Management program aims to produce graduates who are well-prepared to excel in the sports industry. The learning outcomes outline the knowledge, skills, and competencies that students are expected to acquire by the end of the program:

- Demonstrate an understanding of core business principles, including management, finance, marketing, and economics.
- Apply business concepts to the sports industry, understanding the unique challenges and opportunities within sports organizations.
- Gain comprehensive knowledge of sports management principles, including sports marketing, finance, facility management, and event planning.
- Understand the legal and ethical issues related to sports management, including contracts, negotiations, and compliance with sports regulations.
- Develop strategic plans for sports organizations, incorporating market analysis, financial planning, and operational efficiency.
- Create and implement marketing strategies tailored to the sports industry, utilizing digital and traditional marketing techniques.
- Communicate effectively with varying stakeholders, including athletes, fans, sponsors, and media.
- Evaluate financial performance and make informed decisions to enhance profitability and sustainability.
- Evaluate the impact of social, economic, and cultural factors on sports management practices.
- Recognize and address ethical issues in sports management, promoting fair play, inclusivity, and integrity.
- Effectively communicate complex ideas and strategies to both technical and non-technical audiences.
- Work collaboratively in multidisciplinary teams, contributing to the success of group projects and initiatives.

- Demonstrate the ability to adapt to the evolving sports industry by continuously updating skills and knowledge.
- Develop practical skills in sports management, including event planning, facility management, and sponsorship negotiation.

Program Outline

To receive a Bachelor of Science in Sports Management, students must complete 123 credit hours:

- 30 credits of General Education courses
- 45 credits of Lower Division Major Courses
- 48 credits of Upper Division Major Courses

The Lower and Upper Division Major Courses include 27 STEM credits.

Credential Awarded

The credential to be awarded upon completion of the program is a Bachelor of Science in Sports Management.

Program Breakdown

To earn the Bachelor of Science in Sports Management, students complete 123 credit hours: 30 in general education and 93 in sports management major courses. Where an area lists more than one course, students take the number of courses shown.

General Education Requirements (30 credit hours)

Course	Course Name	Credits
Lower Division (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Upper Division (15 credit hours)		
English (3)		
ENGL 302	English Composition II	3
Foreign Language (3)		
SPN 310	Conversational Spanish	3
Natural Science (3)		
BSC 310	General Biology	3
Economics (6), both courses		
ECON 302	Principles of Economics (Microeconomics)	3
ECON 303	Macroeconomics	3
Total General Education		30

Sports Management Major Courses (93 credit hours)

Course	Course Name	Credits
Lower Division Major Courses (45 credit hours), all required		
ACCTG 101	Accounting	3
BUS 110	Introduction to Sports Management	3
BUS 102	Business Administration and Management	3
CIT 121	Technology Applications for Business	3
CIT 125	Technology and Data Analysis in Sports Management	3
IB 102	International Management	3
ACCTG 220	Accounting Information Systems	3
BUS 200	Business Law	3
BUS 201	Strategy Management and Decision Making	3
BUS 203	Operations Management	3
BUS 220	Sociology of Sports	3
CIT 221	Artificial Intelligence for Sports Performance Optimization	3
MRKT 210	Principles of Advertising and Public Relations	3
BUS 240	Social Issues in Sports	3
CIT 250	Sports Marketing in the Digital Age	3
Upper Division Major Courses (48 credit hours), all required		
CIT 355	AI for Decision Making in Sports Management	3
BUS 324	Organizational Behavior	3
BUS 364	Leadership and Ethics in Sports	3
BUS 327	Management and Budget	3
BUS 328	Project Management	3
STAT 300	Statistics	3
MRKT 302	Marketing Strategies	3
CIT 330	Automation and Management of Sports Facilities	3
BUS 400	Managing Organizations in Sports	3
BUS 410	Sports Business and Finance	3
CIT 420	E-Sports and Electronic Sports Management	3
BUS 430	Sports Law and Risk Management	3
BUS 444	Sports Promotion and Branding	3
BUS 452	Risk Management in Live Entertainment and Sports	3
BUS 460	Sports Entrepreneurship and Innovation	3
BUS 480	Advanced Career Preparation	3
Total Sports Management Major Courses		93

Total program: 123 credit hours (30 general education + 93 sports management major courses).

Associates of Science

Associate of Science Degree in Business Administration

(60 Credit Hours – Estimated Completion Time: 20 months)

Program Description

The Business Administration Program is designed to train students for employment in various industries that utilize business skills and knowledge. Students who successfully complete this program will have knowledge and skills in such areas as marketing, accounting, computer applications, human resources, leadership, management and administration. The program consists of courses that require readings, exams, projects and other learning strategies and assessments determined by each instructor to meet course objectives.

Program Objective

Upon completion of the Business Administration Program, students may seek entry-level employment in business, government, or a variety of industries where a range of business skills are needed.

Credential Awarded

The credential to be awarded upon completion of the program is an Associate of Science in Business Administration.

Program Outline

To receive an Associate of Science in Business Administration, students must earn 60 credit hours: 15 in general education and 45 in Business Administration major courses. Where an area lists more than one course, students take one of them.

Course	Course Name	Credits
General Education Courses (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Business Administration Major Courses (45 credit hours), all required		
ACCTG 101	Accounting I	3
ACCTG 220	Accounting Information Systems	3
BUS 101	Introduction to Business	3
BUS 102	Business Administration and Management	3
BUS 200	Business Law	3
BUS 201	Strategy Management and Decision Making	3
BUS 203	Operations Management	3
BUS 204	Introduction to Project Management	3
CIT 121	Technology Applications for Business	3
IB 100	Introduction to International Business	3
IB 102	International Management	3
MRKT 101	Principles of Marketing	3
MRKT 202	Marketing Strategies	3
SCM 204	Supply Chain Fundamentals	3
STAT 200	Statistics	3

Total Program Credits	60
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Associate of Science Degree in International Business
(60 Credit Hours – Estimated Completion Time: 20 months)

Program Description

The International Business Program is designed to train students for employment in various industries that utilize international business skills and knowledge. Students who successfully complete this program will have knowledge and skills in several areas of international business plus accounting, computer applications, human resources, leadership, management and administration. The program consists of courses that require readings, exams, projects and other learning strategies and outcomes assessments determined by each instructor to meet course objectives.

Program Objective

Upon completion of the International Business Program, students may seek entry-level employment in business, government, or a variety of industries where a range of general and international business skills are needed.

Credential Awarded

The credential to be awarded upon completion of the program is an Associate of Science in International Business.

Program Outline

To receive an Associate of Science in International Business, students must earn 60 credit hours: 15 in general education, 33 in International Business major courses, and 12 in electives. Where an area lists more than one course, students take the number of courses shown.

Course	Course Name	Credits
General Education Courses (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
International Business Major Courses (33 credit hours), all required		
ACCTG 101	Accounting I	3
BUS 101	Introduction to Business	3
BUS 200	Business Law	3
CIT 100	Introduction to Computers	3
ECON 302	Principles of Economics (Microeconomics)	3
IB 100	Introduction to International Business	3
IB 102	International Management	3
IB 202	Customs Legislation	3
IB 203	Fundamentals of Foreign Trade	3
IB 204	International Law and Economics	3
STAT 200	Statistics	3

Course	Course Name	Credits
Elective Courses (12 credit hours), choose four		
BUS 102	Business Administration and Management	3
BUS 203	Operations Management	3
BUS 204	Introduction to Project Management	3
CIT 111	Introduction to Information Technology	3
EMPL 101	Employment Skills	3
IB 207	International Banking and Finance	3
MRKT 101	Principles of Marketing	3
MRKT 200	Marketing II	3
Total Program Credits		60

School of Information Technology and Engineering

Mission

Atlantis University's School of Information Technology and Engineering is committed to providing educational value to its students, faculty, and the community. The School prepares information technology professionals and engineers who combine solid knowledge and practical skills in their field with ethical conduct. Using the latest technology and computer innovations, graduates are ready to succeed in a rapidly changing, technology-driven environment and to make a positive difference in their workplaces and the communities where they live.

Vision

To be a School of Information Technology and Engineering recognized for delivering quality education in a supportive learning environment, where students and faculty work together to advance their professional fields, apply technology and innovation, and develop technical solutions that benefit the communities we serve.

Degree Programs

The School of Information Technology and Engineering offers academic programs leading to the following degrees:

Master's	Master of Science in Artificial Intelligence (MSAI) Master of Information Technology (MIT) Master of Science in Cybersecurity Master of Science in Computer Engineering
Bachelor's	Bachelor of Science in Information Technology Bachelor of Science in Computer Engineering <i>Concentrations: Network Engineering; Software Engineering</i>
Associate	Associate of Science in Information Technology

Information Technology Programs
Master's Degree

Master of Science in Artificial Intelligence (MSAI)
(30 Credit Hours – Estimated Completion Time 16 months)

Program Description

The Master of Science in Artificial Intelligence (MSAI) program at Atlantis University delivers an innovative curriculum designed to prepare students for leadership roles in the ever-evolving field of AI. This program blends rigorous academic coursework with hands-on projects and research opportunities, ensuring students gain a deep understanding of AI principles, methodologies, and applications across diverse domains. Engaging with industry-relevant technologies, algorithms, and tools, students acquire the skills necessary to innovate, tackle complex problems, and drive positive societal impact through AI solutions.

The MSAI program at Atlantis University aims to equip students with the knowledge, skills, and tools necessary to become proficient AI practitioners and leaders in their respective fields. Through intense coursework, practical projects, and research opportunities, the program fosters a deep comprehension of AI principles, algorithms, and technologies. Its mission is to empower graduates to innovate, address complex challenges, and impact society positively by applying AI in areas such as healthcare, finance, and cybersecurity. The program is dedicated to cultivating a multifaceted community of AI professionals who uphold ethical standards, promote responsible AI practices, and continually advance the AI field.

Ultimately, the MSAI program at Atlantis University aims to empower graduates with the skills, knowledge, and ethical foundation required to excel in the dynamic field of artificial intelligence, contributing to progress in technology, business, healthcare, education, and beyond.

Program Objectives

The program objectives for the MS in Artificial Intelligence program at Atlantis University are:

- To equip students with deep understanding and theoretical knowledge in key AI areas, including machine learning, deep learning, natural language processing, computer vision, and robotics.
- To enhance students' practical abilities through hands-on projects, case studies, and real-world simulations, enabling them to apply AI techniques to solve complex problems and develop AI-powered solutions.
- To foster a culture of research and innovation by involving students in cutting-edge AI research, collaborative projects, and industry partnerships, encouraging contributions to the advancement of AI technologies and applications.
- To promote ethical considerations and responsible AI practices, emphasizing the importance of AI ethics by integrating discussions on bias mitigation, transparency, fairness, and other ethical considerations into the curriculum, preparing graduates to address ethical challenges in AI development and deployment.
- To prepare students for successful careers and leadership roles in AI by offering professional development opportunities, networking, internships, and industry collaborations, aligned with industry demands and emerging trends in AI.
- To promote a learning environment that values different perspectives, and experiences, fostering collaboration, creativity, and innovation among students, faculty, and industry partners.

Learning Outcomes

The learning outcomes encompass the comprehensive skills, knowledge, and ethical considerations that graduates are expected to demonstrate, preparing them for successful careers and leadership roles in both the AI industry and academia.

- Demonstrate a profound understanding of advanced concepts, theories, and methodologies in artificial intelligence, including machine learning, deep learning, natural language processing, computer vision, and robotics.
- Apply AI techniques and algorithms proficiently to analyze complex problems, develop innovative solutions, and enhance decision-making processes across varied domains such as business, healthcare, finance, cybersecurity, and autonomous systems.

- Implement, train, and evaluate AI models and systems.
- Conduct independent research, experiments, and projects in the realm of AI, demonstrating the ability to formulate research questions, design experiments, gather and analyze data, and draw meaningful conclusions to contribute to the progression of AI knowledge.
- Design, develop, and deploy AI-powered systems and applications, considering factors like scalability, performance, reliability, security, and ethical considerations in both development and deployment phases.
- Evaluate and address ethical challenges, biases, fairness, transparency, and accountability in AI systems, demonstrating a commitment to responsible AI practices and societal impact assessments.
- Collaborate efficiently within multidisciplinary teams, communicating technical concepts and findings clearly and concisely to various stakeholders, and engaging in professional discourse related to AI advancements, challenges, and best practices.
- Pursue lifelong learning, stay updated with emerging AI trends, technologies, and research developments, and adapt to evolving industry demands and technological landscapes in the field of artificial intelligence.

Program Structure

Students enrolled in the Master of Science in Artificial Intelligence (MSAI) program must complete the following for graduation:

- 21 graduate semester credit hours from Technical Courses, including a culminating experience: the final capstone project.
- 9 graduate semester credit hours from Elective Courses.

Graduation Requirements

Graduation requirements for the Master of Science in Artificial Intelligence include the successful completion of the prescribed 30 credit hours of the program.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Artificial Intelligence.

Program Outline (30 graduate credit hours: 18 technical, 9 electives, 3 capstone)

Course	Course Name	Credits
Technical Courses (18 credit hours), all required		
MAI 500	Artificial Intelligence	3
MAI 510	Deep Learning	3
MAI 520	Ethics in AI	3
MAI 540	Machine Learning	3
MAI 560	Planning, Search, and Reasoning Under Uncertainty	3
MAI 580	Artificial Intelligence for Human-Computer Interaction	3
Elective Courses (9 credit hours), choose three		
MAI 600	Natural Language Processing	3
MAI 610	Optimization	3
MAI 620	Advanced Applied Machine Learning	3
MAI 630	Computer Vision	3
MAI 640	Cognitive and Behavioral Foundations for Artificial Intelligence	3
MAI 650	Deep Learning Developments with PyTorch	3
MAI 660	Large Language Models: Theory and Practice	3
MAI 670	Game Design and Analysis	3
MAI 680	Generative AI	3
Culminating Experience: Final Capstone Project (3 credit hours)		
MAI 700	Capstone Course: AI Master's Project	3
Total Program Credits		30

Master of Information Technology (MIT) Degree

(30 Graduate Level Semester Credit Hours – Estimated Completion Time 20 months)

Program Description

The Master of Information Technology at Atlantis University is an intensive graduate degree program designed to challenge graduates to be innovators and become top performers in this new millennium of technology. Our degree program aligns with what the global I.T. industry seeks to fuel our digital age. Students learn and prepare themselves for careers in technical or managerial sectors in Cloud Computing, Computer Science, Big Data Analytics, Network/Systems Engineering, Mobile Web Development, and IoT research.

Students will have the ability and confidence to put their skills to the test by working with professors in real-world scenarios with corporations, through internships, hands-on class projects, and peer review. The program is supplemented by technical and managerial workshops on a bi-weekly basis that focus on the latest technological trends.

To earn a Master of Information Technology from Atlantis University, students must complete 10 courses: four core courses, five technical courses, and the final project, for a total of 30 credit hours. By choosing the appropriate courses, master's students can also earn up to two graduate degrees by taking five additional classes of the technical core of the program. The four required core courses (12 semester credit hours) are designed to ensure that all students study the four information systems perspectives of networks and web design, human perception, application implementation, and organizational systems.

Program Structure

The Master of Information Technology program is structured as follows:

- Core Courses (12 credits)
- Technical Courses (15 credits): Information Technology Management (6 credits), Information Security (3 credits), and Web Development Technologies (6 credits)
- Final Research Project (3 credits)

Program Objective

Upon completion of the Atlantis University Master of Information Technology degree program, students will be prepared and have the hands-on I.T. experience to operate efficiently and effectively utilizing industry best practices. Through our unique mentored learning approach and challenging hands-on real-world labs created by real-world industry experts, students graduate with in demand skills that major global corporations seek. Our modern curriculum covers critical subjects such as cybersecurity, data analytics, cloud computing, big data, data center design, IoT, and IT governance, and modern web and mobile programming.

Upon graduation, students will be able to:

- Compete at a global scale for stable, well-paid I.T. careers.
- Confidently design, deploy, and maintain critical I.T. infrastructures in the cloud or onsite.
- Work effectively and efficiently with next-generation technologies such as cybersecurity UTM's, Cisco Nexus & UCS platforms, Amazon Web Services cloud appliances, and Software Defined WANs.
- Design dynamic websites using HTML5/CSS3/JavaScript.
- Implement automation in the enterprise through Python programming.
- Bring insight to the enterprise with data analytics in Tableau.
- Lead technical projects that align with business initiatives.
- Bring technological innovation to the enterprise and be a major contributor to society.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Information Technology.

Program Breakdown (30 graduate credit hours: 12 core, 15 technical, 3 final research project)

Course	Course Name	Credits
Core Courses (12 credit hours), all required		
MET 510	Network Systems and Technologies	3
MET 520	Cloud Computing and Data Analytics	3
MET 530	Information Technology Project Management	3
MET 540	Systems Integration and Architecture	3
Technical Courses (15 credit hours)		
Information Technology Management (6), choose two		
MBA 671	Information and Technology Systems	3
MCS 626	IT Operations	3
MIT 501	E-Business Technology and Management	3
MIT 534	Governance and Compliance	3
MIT 622	High Performance Databases	3
Information Security (3), choose one		
MCS 516	Principles of Information Security	3
MIT 537	Risk and Information Systems Control	3
MIT 547	Information Security Management	3
MIT 548	Information Security and Penetration	3
Web Development Technologies (6), choose two		
MIT 562	Programming and Application Development	3
MIT 588	Software Development and Management	3
MIT 602	ITIL Service Oriented Architecture	3
Final Research Project (3 credit hours)		
MIT 710	Final Project (Capstone)	3
Total Program Credits		30

Master of Science in Cybersecurity

(30 Graduate Level Semester Credit Hours – Estimated Completion Time 15 months)

Program Description

The Master of Science in Cybersecurity program is designed to prepare students for leadership in information technology security. The program is focused on providing students the knowledge and skills to apply the principles and concepts related to the development and management of secure information systems and technologies at the enterprise and individual levels, locally and globally.

The program is designed for IT professionals who realize the necessity of delivering value to customers through secure information technology systems. The degree provides students with theoretical, practical, and applied skills in computer-based information systems and the technologies that support them, as well as a broad perspective of the business and management environments in which information system technologies play a strategic role.

Students develop core competencies in operating systems and networks. They focus on the technical aspects of information security, examining ways to provide secure information processing systems by utilizing operating systems security; distributed secure system architectures; database security; software applications security; security policies; network and distributed systems security; cryptography; and security protocols.

The MS Cybersecurity prepares graduates for career-track jobs in the emerging fields of cybersecurity and information assurance and security. Students will be educated in the technical aspects of cybersecurity systems and will be prepared to assume responsibility for the management, operation and oversight of these systems. With a wide range of careers in the field, and a bright occupational outlook, the Cybersecurity industry is one of the largest sectors in the IT industry and provides a vast number of opportunities for those in the field.

Program Structure

The Master of Science in Cybersecurity program is structured as follows:

- Core Courses (12 credits)
- Technical Courses (15 credits): Network Security (6 credits), Information Systems (3 credits), and Advanced Security (6 credits)
- Final Research Project (3 credits)

Program Objectives

The MS Cybersecurity program objective is to deepen students' knowledge, develop their skills, and enable them to compete for a rewarding career in the cybersecurity, information management, and information security industry. In support of the University mission, the MS in Cybersecurity provides learning opportunities for students to experience, practice, and enhance competencies to become accomplished leaders in information security capable of working across a range of public and private enterprises within the Cybersecurity field.

The program will broaden graduates':

- Understanding of cybersecurity and IT privacy, considering policy, economic, human, legal, organizational, and socio-political factors.
- Understanding of the security and privacy implications of emerging technologies: IoT, social networks, mobile computing, big data, and cloud computing.
- Proficiency in implementing best practices and developing frameworks to protect organizations against cyber threats.

Graduates will attain the skills to keep digital information assets safe and support IT infrastructures. They will also be prepared to manage data and information security and will have the knowledge and skills in cybersecurity to detect, anticipate, and mitigate risks, develop security solutions, identify opportunities for effective change, and recommend best practices in security governance, risk management, and compliance.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Cybersecurity.

Program Breakdown (30 graduate credit hours: 12 core, 15 technical, 3 final research project)

Course	Course Name	Credits
Core Courses (12 credit hours), all required		
MET 510	Network Systems and Technologies	3
MET 520	Cloud Computing and Data Analytics	3
MET 530	Information Technology Project Management	3
MET 540	Systems Integration and Architecture	3
Technical Courses (15 credit hours)		
Network Security (6), choose two		
MCS 516	Principles of Information Security	3
MCS 524	Network, Protocols and Security	3
MCS 563	Cloud Security	3
MCS 592	Computer Forensics	3
Information Systems (3), choose one		
MBA 671	Information and Technology Systems	3
MCS 626	IT Operations	3
MCS 672	IT Auditing and Secure Operations	3
MIT 537	Risk and Information Systems Control	3
Advanced Security (6), choose two		
MCS 539	Advanced Cryptography	3
MCS 655	Information Security and Penetration Testing	3
MCS 687	Ethical Hacking and Response	3
MIT 547	Information Security Management	3
Final Research Project (3 credit hours)		
MCS 710	Final Project (Capstone)	3
Total Program Credits		30

Bachelor Degree

Bachelor of Science in Information Technology*(123 Credit Hours – Estimated Completion Time: 41 months)*

Program Description

The Bachelor of Science in Information Technology program provides students with a solid foundation in business and technology, developing skills that prepare them to apply information technology effectively to improve business processes across a broad spectrum of disciplines. Through this program, students demonstrate advanced skills in business application software and current programming languages, recognize the phases of the software development cycle, and learn how to manage that cycle in a business environment. The Information Technology degree program gives students an understanding of the importance of information systems as a management tool in the planning, control, and decision-making activities of the organization.

The program of study introduces students to the concepts and methods of analyzing, designing, planning, and managing simple or complex information systems. It emphasizes the managerial aspects of information systems by providing a solid base of business courses and computer science courses shared by the School of Business and the School of Information Technology and Engineering.

Students may also transfer credits earned in an Information Technology associate degree (60 credit hours) or its equivalent and complete the remaining prescribed major courses (63 credit hours), for a total of 123 semester credit hours.

Program Objectives

Upon completion of the Bachelor of Science in Information Technology, students may seek employment in business, government, or a variety of industries where a combination of general business and information technology skills is needed. In addition to the outcomes listed for the School of Business bachelor-level degree programs, upon graduation, Information Technology students will be able to:

- Use information technology to revitalize business and achieve strategic goals.
- Identify the basic elements of business opportunities in electronic commerce.

Program Outline

To receive a Bachelor of Science in Information Technology, students must earn 123 credit hours: 30 credit hours of general education and 93 credit hours of Information Technology courses. Program requirements are listed in the following tables. Credit hours in parentheses indicate the required number of credit hours in each discipline.

Credential Awarded

The credential to be awarded upon completion of the program is a Bachelor of Science in Information Technology.

General Education Requirements (30 credit hours)

Course	Course Name	Credits
Lower Division (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Upper Division (15 credit hours)		
English (3)		
ENGL 302	English Composition II	3
Foreign Language (3)		
SPN 310	Conversational Spanish	3
Natural Science (3)		
BSC 310	General Biology	3
Economics (6), both courses		
ECON 302	Principles of Economics (Microeconomics)	3
ECON 303	Macroeconomics	3
Total General Education		30

Information Technology Courses (93 credit hours)

Course	Course Name	Credits
Lower Division Major Courses (45 credit hours), all required		
CIT 102	Introduction to Computer Programming	3
CIT 105	Programming Practice	3
CIT 110	Computer Operating Systems	3
CIT 225	Management Information Systems	3
CIT 280	Network Design	3
CIT 281	Network Administration and Technical Support	3
CIT 282	Advanced Network Administration	3
CIT 283	Networking on Azure and AWS	3
CIT 381	Linux Technology	3
CIT 382	Cloud Technology Developer	3
CIT 383	Advanced Cloud Technology Architect	3
CIT 384	Manage Cloud Technology Identities	3
CIT 385	Cloud Technology Compute Services	3
CIT 386	Cloud Network Design	3
CIT 387	IaaS: Cloud Virtualization	3
Upper Division Major Courses (30 credit hours), all required		
CIT 406	Database Design	3
CIT 407	T-SQL: Query Design and Tuning	3
CIT 408	Database Management Operations & Optimization	3
CIT 410	NoSQL Databases	3
CIT 411	Programming with Python	3
CIT 480	Security Technology	3
CIT 481	Security Ethical Hacking	3
CIT 482	Security Analyst	3
CIT 483	Information Systems Security	3
CIT 484	Advanced Information Systems Security	3
Elective Courses (18 credit hours), choose six		
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	Elective	3
	Elective	3
Total Information Technology Courses		93

Total program: 123 credit hours (30 general education + 93 Information Technology).

Associates Degree

Associate of Science in Information Technology

(60 Credit Hours – Estimated Completion Time: 20 months)

Program Description

The Information Technology program focuses on computing, computer science, and information science and systems. The program is designed to prepare students for employment in various industries that utilize computer skills and knowledge. Students who successfully complete this program will have knowledge and skills in such areas as programming, database management, networking, enterprise cloud technology, and security. Courses include theory and skill building. Students have access to the computer lab to complete projects.

Program Objective

Upon completion of the Information Technology program, students may seek entry-level employment in business, government, or a variety of industries where computer science skills are needed. Graduates may also seek employment in the technology industry as computer repair technicians, help desk support specialists, networking technicians, Cisco networking technicians, server administrators, Microsoft specialists, data analysts, internet security specialists, and software application and configuration specialists.

Program objectives are:

- To equip students with the knowledge to evaluate the needs of an Information Technology infrastructure for an organization.
- To empower students to design, implement, and evaluate a computer-based system, process, component, or program to meet industry needs.
- To prepare students with the technical knowledge and critical-thinking skills needed for a career in information technology.
- To enable students, through a conceptual understanding, to apply technological skills in hardware, networking, security, cloud computing, databases, web development, IT project management, and research to critically analyze and solve problems in unpredictable environments.

Credential Awarded

The credential to be awarded upon completion of the program is an Associate of Science in Information Technology.

Program Outline

To receive an Associate of Science in Information Technology, students must earn 60 credit hours: 15 credit hours of general education and 45 credit hours of Information Technology major courses. Credit hours in parentheses indicate the required number of credit hours in each discipline.

Course	Course Name	Credits
General Education Courses (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3

Course	Course Name	Credits
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Information Technology Major Courses (45 credit hours), all required		
CIT 102	Introduction to Computer Programming	3
CIT 105	Programming Practice	3
CIT 110	Computer Operating Systems	3
CIT 225	Management Information Systems	3
CIT 280	Network Design	3
CIT 281	Network Administration & Technical Support	3
CIT 282	Advanced Network Administration	3
CIT 283	Networking on Azure and AWS	3
CIT 381	Linux Technology	3
CIT 382	Cloud Technology Developer	3
CIT 383	Advanced Cloud Technology Architect	3
CIT 384	Manage Cloud Technology Identities & Requirements	3
CIT 385	Cloud Technology Compute Services	3
CIT 386	Cloud Network Design	3
CIT 387	IaaS: Cloud Virtualization	3
Total Program Credits		60

Engineering Programs
Master Degree

Master of Science in Computer Engineering*(30 Graduate Level Semester Credit Hours – Estimated Completion Time 20 months)*

Program Description

Computer Engineering is the application of technology in the synthesis of systems for control, computation, and communication. Computer Engineering focuses on the design, analysis, and application of computers and on their applications as components of systems. Atlantis University provides students with inspiration and quality education in the theory and practice of computer engineering. The Master of Science in Computer Engineering presents an in-depth study in computer engineering which focuses on networking and software engineering. As technology rapidly advances, this degree prepares graduates with the knowledge necessary to compete in the ever-changing technological landscape.

The School of Information Technology and Engineering offers the Master of Science in Computer Engineering to prepare graduates for careers in telecommunications, industry, government, education, networking, and software development. Focusing on principles and concepts underlying the design and integration of hardware and software components and systems, the program gives graduates the tools to become competitive professionals, confident in electronically controlled systems and devices.

Program Structure

The Master of Science in Computer Engineering program is structured as follows:

- Core Courses (12 credits)
- Technical Courses (15 credits): Computer Systems (6 credits), Computing Theory (3 credits), and Project Management (6 credits)
- Final Research Project (3 credits)

Program Objectives

Graduates who choose to pursue a career in telecommunications, industry, government, education, networking, and software development will become successful engineers, scientists, or educators who demonstrate strong leadership, technical, and team skills, and a commitment to continuing professional development.

Graduates of the AU Master of Science in Computer Engineering program will be prepared to:

- Be successful professionals in a specialized area of computer engineering.
- Maintain a desire for research, innovation, and lifelong learning.
- Uphold the responsibilities of the engineering profession.

Upon graduation, an AU graduate should demonstrate the ability to:

- Apply advanced engineering knowledge in identifying, formulating, and solving engineering problems.
- Select and use the techniques, skills, and modern tools necessary for research or professional practice.
- Communicate effectively.
- Recognize the need for, and engage in, lifelong learning.
- Attend to professional and ethical responsibilities.

Combined Bachelor and Master's Degree Program Description

The School of Information Technology and Engineering offers a combined bachelor's and Master of Science degree program in Computer Engineering. Undergraduate students in Computer Engineering and Information Technology can apply to the program to earn a B.S. degree in their own major together with an M.S. degree in Computer Engineering. Depending on the student's progress, the B.S./M.S. program can be completed in five (5) years.

The combined B.S./M.S. program offers a competitive edge to students completing their undergraduate degree at AU by enabling those with advanced preparation to move directly from the undergraduate to the graduate program. The program offers qualified enrolled students a simplified graduate application process that makes it possible to complete a Master of Science degree with just seven courses beyond the B.S. programs of the School of Information Technology and Engineering.

The Master of Science in Computer Engineering prepares students for leadership positions in industry and for doctoral study in engineering or careers in academia.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Computer Engineering.

Program Breakdown (30 graduate credit hours: 12 core, 15 technical, 3 final research project)

Course	Course Name	Credits
Core Courses (12 credit hours), all required		
MET 510	Network Systems and Technologies	3
MET 520	Cloud Computing and Data Analytics	3
MET 530	Information Technology Project Management	3
MET 540	Systems Integration and Architecture	3
Technical Courses (15 credit hours)		
Computer Systems (6), choose two		
EGN 508	Enterprise Client-Server Software	3
EGN 514	Wireless Communications	3
EGN 545	Introduction to Embedded Systems	3
MIT 588	Software Development and Management	3
MIT 562	Programming and Applications Development	3
MIT 602	ITIL Service Oriented Architecture	3
Computing Theory (3), choose one		
EGN 512	High-Performance Programming with Multicore and GPUs	3
MIT 534	Governance and Compliance	3
MIT 622	High-Performance Databases	3
Project Management (6), choose two		
MBA 675	IT and Business Transformation (IBIT)	3
MBA 702	Operations and Project Management	3
EGN 649	Research Project	3
MCS 626	IT Operations	3
MIT 501	E-Business Technology and Management	3
Final Research Project (3 credit hours)		
EGN 699	Final Project (Capstone)	3
Total Program Credits		30

Bachelor Degree

Bachelor of Science in Computer Engineering*(123 Credit Hours – Estimated Completion Time: 41 months)*

Program Description

Computer Engineering is the application of technology in the synthesis of systems for control, computation, and communication. It focuses on the design, analysis, and application of computers and on their applications as components of systems. Atlantis University provides students with inspiration and quality education in the theory and practice of computer engineering. The program emphasizes problem solving, providing both excellent training for future engineers and a strong background for graduate study. The School of Information Technology and Engineering at AU offers an M.S. degree as well as two undergraduate concentrations within Computer Engineering. A combined B.S./M.S. program allows students to complete both degrees in five (5) years.

Students complete the 123 semester credit hours of the program by combining general education courses (30 credit hours), Computer Engineering major courses (75 credit hours), and the prescribed courses of one engineering concentration (18 credit hours): Network Engineering or Software Engineering. Students may also transfer credits earned in an Information Technology associate degree (60 credit hours) and complete the remaining prescribed courses (63 credit hours).

Students choose their concentration after completing all general education courses and all lower and upper division major courses. Many computer engineering students continue their education through a master's degree in engineering. Atlantis University offers a combined B.S./M.S. program in Computer Engineering that enables eligible undergraduates to move without interruption to the graduate program.

Program Objectives

Graduates who choose to pursue a career in industry, government, or academia will become successful engineers, scientists, or educators who demonstrate strong leadership, technical, and team skills, and a commitment to continuing professional development.

The Bachelor of Science in Computer Engineering program prepares graduates for a rewarding career in engineering. Atlantis University engineering graduates will have a thorough grounding in the principles and practices of computer engineering and the scientific and mathematical principles upon which they are built; they will also be prepared for further education and for productive employment in industry. Upon completion of the program, students may seek employment in business, government, or a variety of industries where a range of engineering skills is needed.

Computer Engineering Concentrations

The School of Information Technology and Engineering also awards a Certificate upon the successful completion of the 18 credits of a concentration. Courses within a concentration may therefore be taken individually by students who wish to complete a certificate in a particular area. The following concentrations are available:

Network Engineering

This concentration gives students in-depth knowledge of the underlying structure and function of network and computer technology and of the design processes that make those technologies work. It focuses on communication between computers, covering network hardware, communication protocols, and algorithms. Students are prepared for the design and analysis of wired and wireless network systems.

Software Engineering

This concentration focuses on software systems, with courses in networks, operating systems, software engineering, and advanced programming. Students are prepared to build large software systems of all types.

Credential Awarded

The credential to be awarded upon completion of the program is a Bachelor of Science in Computer Engineering.

Program Outline

To receive a Bachelor of Science in Computer Engineering, students must earn 123 credit hours: 30 credit hours of general education and 93 credit hours of Computer Engineering courses. Program requirements are listed in the following tables.

General Education Requirements (30 credit hours)

Course	Course Name	Credits
Lower Division (15 credit hours)		
Oral Communications (3), choose one		
ENGL 100	Language and Speech Communications	3
ENGL 115	Fundamentals of Public Speaking	3
SPC 200	Speech and Public Speaking	3
Humanities (3), choose one		
PHIL 102	Legal and Ethical Issues	3
PHIL 200	Introduction to Philosophy	3
Mathematics (3)		
MATH 102	College Algebra	3
English (3)		
ENGL 200	English Composition I	3
Behavioral Science / Social Environment (3), choose one		
PSY 201	Psychology	3
SOC 210	Sociology	3
Upper Division (15 credit hours)		
English (3)		
ENGL 302	English Composition II	3
Foreign Language (3)		
SPN 310	Conversational Spanish	3
Natural Science (3)		
BSC 310	General Biology	3
Economics (6), both courses		
ECON 302	Principles of Economics (Microeconomics)	3
ECON 303	Macroeconomics	3
Total General Education		30

Computer Engineering Courses (93 credit hours)

Course	Course Name	Credits
Lower Division Major Courses (45 credit hours), all required		
CIT 102	Introduction to Computer Programming	3
CIT 105	Programming Practice	3
CIT 110	Computer Operating Systems	3
CIT 280	Network Design	3
CIT 281	Network Administration & Technical Support	3
CIT 282	Advanced Network Administration	3
CIT 283	Networking on Azure and AWS	3
CIT 381	Linux Technology	3
CIT 382	Cloud Technology Developer	3
CIT 383	Advanced Cloud Technology Architect	3
CIT 384	Manage Cloud Technology Identities & Requirements	3
CIT 385	Cloud Technology Compute Services	3
EGN 101	Introduction to Computer Engineering	3
EGN 201	Engineering Drawing	3
PHY 101	Introduction to Physics	3
Upper Division Major Courses (30 credit hours), all required		
CIT 480	Security Technology	3
CIT 481	Security Ethical Hacking	3
CIT 482	Security Analyst	3
CIT 483	Information Systems Security	3
CIT 484	Advanced Information Systems Security	3
EGN 310	Data Structures	3
EGN 321	Engineering Software Technology	3
EGN 325	Computer Architecture	3
EGN 410	Product Design	3
PHY 440	Solid State Physics	3
Major Concentration (18 credit hours), choose one and complete all six courses		
Network Engineering		
CIT 403	Designing & Supporting Computer Networks	3
CIT 405	Routing Protocols and Concepts Services	3
EGN 330	Network Design and Management	3
EGN 420	Networking and the Cloud	3
EGN 430	Industrial Networking	3
EGN 450	Network Security	3
Software Engineering		
EGN 312	Software Industry Foundations	3
EGN 340	Object-Oriented Programming	3
EGN 460	Software Engineering and Design	3
EGN 465	Data Structures and System Design	3
EGN 470	Wearable Computing	3
EGN 475	Software Prototyping	3
Total Computer Engineering Courses		93

Total program: 123 credit hours (30 general education + 93 Computer Engineering).

School of Health

Mission

Atlantis University's School of Health is committed to educating and preparing healthcare professionals through innovative teaching methodology to become future managers and leaders within healthcare organizations who will work to advance the delivery of health services throughout the community.

Vision

To build a School of Health recognized for delivering quality healthcare education and for preparing healthcare professionals with the highest values and standards of their profession.

Degree Programs

The School of Health offers academic programs leading to the following degrees:

Master's	Master of Science in Healthcare Management
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Master's Degree

Master of Science in Healthcare Management*(36 Graduate Level Semester Credit Hours – Estimated Completion Time 20 months)*

Program Description

The Master of Science in Healthcare Management at Atlantis University is a comprehensive and rigorous graduate program specifically crafted to immerse students in the intricacies of the contemporary healthcare management landscape. With a dedicated focus on imparting theoretical knowledge and practical skills, the program equips students with the necessary abilities to thrive in the complex field of healthcare management. The curriculum is strategically designed to encompass a multifaceted approach, integrating health science, cutting-edge technology applications in health management, and education centered on research and community service. This holistic approach ensures that graduates not only possess a deep understanding of healthcare management principles but are also adept at applying these principles to real-world scenarios. The program is administered under a model that integrates information technology as a strategy, a study modality, and a cross-cutting axis in all classes.

The curriculum is designed to provide comprehensive training in healthcare management, incorporating leadership, critical thinking, and lifelong learning components. Flexibility in delivery modes (on-campus and online) and languages (Spanish and English) is also a key aspect.

Program Objectives

The Master of Science in Healthcare Management (MSHM) program at Atlantis University is designed with a set of clearly defined objectives aimed at preparing students for leadership roles in the healthcare sector.

These objectives encompass the development of essential skills in leadership, critical thinking, communication, ethics, and the integration of technology, while also addressing the broader aspects of community and global health.

- The program aims to train professionals capable of effectively leading healthcare organizations, with strategic decision-making skills and the ability to manage multidisciplinary teams.
- Through a focus on data analysis and solving complex problems, the program seeks to equip students with the necessary tools to address current challenges in healthcare management.
- The program promotes the development of clear and effective communication skills, both written and oral, needed to interact with work teams, patients, and other stakeholders in the healthcare field.
- The program seeks to instill in students the ethical principles necessary for decision-making in clinical and administrative contexts, ensuring healthcare management based on integrity and responsibility.
- Equip students with the ability to use healthcare technologies and informatics tools, enabling them to optimize healthcare organization operations and support data-driven decision-making.
- Prepare graduates to contribute to the improvement of public and community health systems by promoting prevention strategies and enhancing access to healthcare services.
- Equip students with the knowledge needed to address global health challenges, preparing them to work in international settings or manage global health issues.
- Through the integration of internships and applied projects, the program aims to provide students with real-world experiences that allow them to apply the knowledge gained in practical healthcare management situations.

Learning Outcomes

The Master of Science in Healthcare Management (MSHM) program at Atlantis University is committed to ensuring that students graduate with a comprehensive set of skills and knowledge essential for leadership in the healthcare sector. The learning outcomes are designed to provide students with both theoretical understanding and practical application of healthcare management principles. Upon successful completion of the program, students will be equipped to excel in various healthcare settings, contributing to the improvement of healthcare systems and patient care through effective management, ethical leadership, and innovative solutions.

- Students will develop the necessary leadership skills to manage healthcare organizations effectively, assuming strategic roles and leading multidisciplinary teams.
- Students will acquire analytical and problem-solving skills, enabling them to assess complex healthcare challenges and implement data-driven, evidence-based solutions.
- Students will improve their written and oral communication skills, focusing on collaboration and relationship-building with varied healthcare teams, patients, and other stakeholders.
- Students will acquire a strong sense of professional ethics and responsibility, applying ethical principles to decision-making processes in healthcare management.
- Students will gain proficiency in utilizing healthcare technology and informatics tools, supporting the effective management of healthcare operations and decision-making.
- Students will develop a deep understanding of community health and public health systems and will be equipped to contribute to improving healthcare delivery at the community level.
- Students will develop an understanding of global health trends and challenges, preparing them to work in international healthcare settings or address global health concerns.
- Students will be able to apply theoretical knowledge to real-world healthcare management scenarios, enhancing their practical skills and readiness for the workforce.

Program Structure

The structure of the Master of Science in Healthcare Management program articulates the expected competencies of program graduates, linked to the content of each course, in which participants are required to demonstrate that they can integrate the knowledge and skills related to the central management disciplines. These competencies are distributed in common, technical, and specialized areas using the following structure:

- **Common Core Courses (15 credit hours)**
 - Management, Strategy, and Leadership
- **Technical and Specific Courses (18 credit hours)**
 - Public Health Systems Management (9 credit hours)
 - Health Informatics (9 credit hours)
- **Research and Evidence Competencies (3 credit hours)**
 - Capstone Project

Program Significance

The Master of Science in Healthcare Management (MSHM) degree program at Atlantis University prepares students to take on leadership roles in healthcare organizations. This degree is widely recognized in the healthcare field as a key credential that allows graduates to pursue management positions in various healthcare settings.

The program's curriculum is designed to develop essential competencies for healthcare leadership, including healthcare delivery systems, healthcare finance, ethical and legal considerations in healthcare, and key management topics. Students will engage in research, practice, and service activities, contributing to the advancement of healthcare management knowledge and its applications.

Additionally, students and faculty will leverage their education and expertise to address healthcare management needs at the local, national, and global levels. The MSHM program not only equips students with the skills to lead but also supports them in meeting the growing demand for qualified healthcare leaders, both in Florida and beyond.

Program Admission Requirements

To be considered for admission into the Master of Science in Healthcare Management (MSHM) program at Atlantis University, applicants must meet the following criteria:

- **Educational Background:** A bachelor's degree from an accredited institution is required. Degrees in healthcare, business administration, public health, or related fields are preferred, though candidates from other disciplines will be considered on a case-by-case basis.
- **Grade Point Average (GPA):** A minimum GPA of 3.0 on a 4.0 scale in the applicant's undergraduate studies is recommended.
- **Professional Experience:** While not required, prior professional experience in healthcare or management-related roles will enhance an applicant's candidacy. This can include work in hospitals, clinics, insurance companies, pharmaceutical firms, or other healthcare organizations.
- **Transfer Credits:** Transfer credits are not accepted for this program.

Graduation Requirements

Students must complete all required coursework with a minimum GPA of 3.00 and must submit and successfully defend their capstone project.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Healthcare Management.

Program Breakdown by Course

Course	Course Name	Credits
Core Competencies (15 credit hours)		
MHS 510	Leadership and Organizational Behavior	3
MHS 520	Human Resources Management	3
MHS 530	Principles of Healthcare Financial Management	3
MHS 540	Legal & Ethical Considerations in Care Coordination	3
MHS 550	Community Health	3
Technical and Specific Competencies (18 credit hours)		
Public Health Systems Management (9 credit hours required)		
HSA 520	Special Topics in the US Healthcare System	3
HSA 581	Public Health Administration	3
HSA 635	Methods of Health Care Negotiations & Conflict Resolution	3
Health Informatics (9 credit hours required)		
HSA 565	MIS for Healthcare Management	3
HSA 625	Healthcare Informatics and Technology	3
ISM 630	Healthcare Data Management and Analytics	3
Research and Evidence Competencies (3 credit hours)		
HSA 699	Capstone Project	3
Total Credits Required		36

Degree Requirements

Degree and graduation requirements for the Master of Science in Healthcare Management (MSHM) program at Atlantis University:

- Graduation requirements for the Master of Science in Healthcare Management program include the successful completion of 36 credit hours.
- Students are required to complete a capstone project that demonstrates their ability to apply the knowledge and skills gained throughout the program to real-world healthcare management challenges.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

School of Nursing

Description

The School of Nursing at Atlantis University offers two programs: the Bachelor of Science in Nursing (RN to BSN), a degree-completion program for graduates of associate degree nursing programs, and the Master of Science in Nursing (MSN). Both programs share a single competency framework, The Essentials: Core Competencies for Professional Nursing Education (AACN, 2021), and differ by the depth at which graduates demonstrate those competencies: Level 1 for the RN to BSN and Level 2 for the MSN.

The curriculum defines nursing education by what the graduate demonstrates, not by the content covered. Program learning outcomes are linked to the Essentials domains and sub-competencies through a curriculum map, and each syllabus turns those links into observable activities, analytic rubrics, and retained evidence. The School integrates information technology as a strategy, a study modality, and a cross-cutting axis in all courses, and offers flexible delivery, on campus (in-person or hybrid format) and by distance education, in English and in Spanish when institutionally authorized.

The RN to BSN strengthens the nurse's clinical judgment, leadership, management, and technology skills. The MSN builds on that foundation with a nursing leadership and management focus, preparing nurse leaders and managers for organizational and system-level responsibilities, applied through concentrations in leadership and administration, nursing education, health informatics, and public health nursing. Neither program prepares students for advanced practice registered nurse (APRN) roles.

Mission

The mission of the School of Nursing at Atlantis University is to prepare competent, ethical, culturally responsive, and globally minded nurses and nurse leaders who deliver and lead safe, high-quality, person-centered, and population-focused care. Through a competency-based curriculum aligned with the AACN Essentials, applied learning, and flexible bilingual delivery, the School develops graduates who improve health outcomes, strengthen healthcare organizations, and advance the nursing profession. Consistent with Atlantis University's institutional mission of offering accessible, career-centered education, the School emphasizes academic excellence, evidence-based practice, and lifelong professional growth.

Vision

The vision of the School of Nursing is to be recognized for competency-based nursing education that develops nurses and nurse leaders who transform practice, organizations, and population health locally and globally. The School aspires to a seamless progression from baccalaureate to graduate study in which every graduate can demonstrate, with verifiable evidence, the competencies the profession expects at each level.

Degree Programs

The School of Nursing offers academic programs leading to the following degrees:

Master's	Master of Science in Nursing (MSN) <i>Concentrations: Health Informatics; Nursing Education; Leadership & Administration in Healthcare Systems; Public Health Nursing</i>
Bachelor's	Bachelor of Science in Nursing (RN to BSN)

Master of Science in Nursing

(36 Graduate Level Semester Credit Hours – Estimated Completion Time 12 months)

Program Description

The Master of Science in Nursing (MSN) at Atlantis University is a 36-credit graduate program that prepares registered nurses and other healthcare professionals for management, leadership, and supervisory roles in nursing services. Graduates are prepared to lead and supervise nursing teams, manage people, budgets, and services, and improve quality, safety, and organizational performance. The program does not prepare graduates for direct patient care or for advanced practice registered nurse (APRN) roles, and it does not lead to licensure or to a certification examination.

The program emphasizes leadership, quality, safety, and evidence-based practice within a framework that integrates the public health and organizational sciences into the management of nursing services, preparing graduates to lead and succeed in today's complex and dynamic healthcare system.

Graduates who pursue a career in nursing will be prepared to plan, organize, lead, control, and evaluate quality improvement initiatives in healthcare organizations. They are also prepared to integrate knowledge, management, leadership, and consultation into their roles and function in collaboration with other members of the healthcare team.

The program is designed for registered nurses and other professionals with a bachelor's degree who work in or are preparing for roles in healthcare. It is taught entirely through classroom instruction, on campus or by distance education, in English and Spanish, and includes no clinical or practicum placements.

Program Objectives

The Master of Science in Nursing (MSN) program at Atlantis University is designed to prepare students for leadership roles in healthcare, equipping them with advanced knowledge and skills to enhance patient care, improve healthcare systems, and contribute to the nursing profession. The program objectives are:

1. Prepare students to assume leadership roles in healthcare organizations, effectively managing teams, resources, and initiatives to improve patient care and organizational performance.
2. Equip students with the ability to apply research, data analytics, and evidence-based knowledge to enhance nursing practices, improve healthcare outcomes, and support public health initiatives.
3. Foster expertise in quality improvement methodologies, patient safety strategies, and risk management to optimize healthcare delivery across diverse populations and settings.
4. Prepare students to work effectively within interdisciplinary teams, integrating nursing expertise with knowledge from public health, management, and organizational sciences to lead in complex healthcare environments.
5. Enable students to leverage healthcare technologies, electronic health records (EHR), and informatics to improve patient outcomes, streamline clinical operations, and enhance decision-making in nursing practice.
6. Instill a professional, ethical, and culturally responsive approach to nursing, ensuring that graduates are prepared to address diverse patient needs with compassion, integrity, and respect.
7. Provide students with the opportunity to specialize in areas such as Health Informatics, Nursing Education, Public Health Nursing, and Leadership and Administration in Healthcare Systems, tailoring their expertise to their career aspirations.
8. Support students in developing strong research skills through the integration of theoretical frameworks, data-driven decision-making, and completion of MSN 710 Applied Nursing Experience, an applied nursing project for a selected healthcare organization.

These objectives align with the program's mission to develop highly skilled nursing professionals who contribute to the advancement of healthcare through leadership, evidence-based practice, and interdisciplinary collaboration.

Program Learning Outcomes

Upon completion of this program, students will be able to:

- **PLO 1.** Function effectively as a leader and active member of interdisciplinary healthcare teams to enhance the quality and safety of care at individual, family, population, and system levels.
- **PLO 2.** Demonstrate professional, ethical, equitable, and culturally responsive leadership in the management of nursing services for diverse patients, families, populations, and healthcare systems.
- **PLO 3.** Use health information and communication technologies, informatics processes, and standardized data to inform management decisions, optimize care delivery systems, and improve quality, safety, and outcomes across settings, in accordance with ethical, legal, and regulatory standards.
- **PLO 4.** Integrate nursing, management, and interdisciplinary theories to analyze and address the healthcare needs of populations, organizations, and systems.
- **PLO 5.** Synthesize and translate the best available evidence to lead quality improvement, inform organizational and policy decisions, and evaluate the outcomes of practice and system changes for individuals, populations, and healthcare organizations.
- **PLO 6.** Develop strategies to advocate for patients, families, populations, and healthcare systems while advancing nursing through policy, education, leadership, and professional service.

Role-Specific Competencies by Concentration

Each concentration has a role-specific competency that builds on the program learning outcomes. Students develop it in the two concentration courses and demonstrate it in MSN 710 Applied Nursing Experience:

- **Leadership and Administration in Healthcare Systems:** Integrate strategy, quality, safety, and organizational evaluation into the management of nursing services.
- **Health Informatics:** Manage the selection, implementation, and evaluation of technologies and information to improve healthcare services.
- **Nursing Education:** Design and evaluate educational programs that develop nursing competencies.
- **Public Health Nursing:** Lead and evaluate population health interventions using data and community collaboration.

Program Structure

The Master of Science in Nursing curriculum is structured around specialties or concentrations. The program consists of 36 credit hours, taken in four terms: 15 credits of management core courses, 12 credits of technical nursing and analytics courses, 6 credits in one of four concentrations, and 3 credits in MSN 710 Applied Nursing Experience, the culminating course. MSN 503 Professional Nursing Practice, taken in Term 2, establishes the disciplinary foundation of nursing for the rest of the program.

The curriculum requires students to demonstrate the integration of knowledge and skills from key nursing disciplines, distributed in common, technical, and specialized competencies using the following structure:

- **Common Core Competencies: Management (15 credit hours)**
 - Management, Strategy, and Leadership
- **Technical and Specific Competencies (12 credit hours)**
 - Evidence-Based Practice
 - Health Analytics
- **Specialized Competencies: Concentrations (6 credit hours)**
 - Health Informatics
 - Nursing Education
 - Public Health Nursing
 - Leadership and Administration in Healthcare Systems
- **Culminating Course (3 credit hours)**
 - MSN 710 Applied Nursing Experience

Program-Specific Admission Requirements

In addition to the General Admissions Requirements and the Master's Degree Admissions Requirements, applicants must hold a bachelor's degree from an accredited institution. The program is designed for registered nurses and other professionals who work in or are preparing for roles in healthcare, and an RN license is not required for admission. Students who are not registered nurses complete MSN 503 Professional Nursing Practice in Term 2, before the other nursing courses.

Graduation Requirements

Students must complete the 36 credit hours of the program, including the two courses of one concentration and MSN 710 Applied Nursing Experience, with a cumulative GPA of 3.0 or higher.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Nursing.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Program Breakdown

Course	Course Name	Credits
Core Competencies (15 credit hours), all required		
MHS 510	Leadership and Organizational Behavior	3
MHS 520	Human Resources Management	3
MHS 530	Principles of Healthcare Financial Management	3
MHS 540	Legal and Ethical Considerations in Care Coordination	3
MHS 550	Community Health	3
Technical Courses (12 credit hours), all required		
Evidence-Based Practice (6 credit hours)		
MSN 503	Professional Nursing Practice	3
MSN 590	Evidence-Based Practice Project	3
Health Analytics (6 credit hours)		
ISM 630	Healthcare Data Management and Analytics	3
MSN 645	Performance Improvement and Quality in Health Care	3
Concentrations (6 credit hours), choose one and complete both courses		
Health Informatics		
HCI 604	Healthcare Informatics and Technology	3
HCI 617	Electronic Health Records: Analysis of Clinical Information Systems & Application to Nursing Practice	3
Nursing Education		
NUE 605	The Role of the Nurse Educator	3
NUE 618	Curriculum Design, Development, Assessment, and Evaluation in Nursing Education	3
Public Health Nursing		
PHN 606	Foundations of Public Health Nursing	3
PHN 619	Application and Interpretation of Public Health Data	3
Leadership & Administration in Healthcare Systems		
HCL 607	Healthcare Quality and Safety Management	3
HCL 620	Leadership & Decision Making in Healthcare: Leading the Future of Healthcare	3
Culminating Course (3 credit hours)		
MSN 710	Applied Nursing Experience	3
Total Credits Required		36

Bachelor of Science in Nursing (RN to BSN)

(123 Credit Hours – 63 semester credits awarded for students entering with an Associate's degree in Nursing. The upper division major courses will be taken at AU to total 60 semester credit hours. Estimated Completion Time: 20 months)

Program Description

The Bachelor of Science in Nursing (RN to BSN) is a degree-completion program for graduates of associate degree nursing programs. It builds on the nursing education students completed in their associate degree and, for those who practice, on their experience as nurses, and it prepares them for professional nursing practice at the baccalaureate level, for leadership and management roles, and for graduate study. Of the program's 123 credits, 63 transfer in from the associate degree in nursing and the University delivers the remaining 60 through 20 courses organized in four phases. The program is taught entirely through classroom instruction, on campus or by distance education, in English and Spanish. All courses are didactic; the program includes no clinical placements and does not lead to licensure.

Program Objective

Graduates who choose to pursue a career in nursing and healthcare management or academia will become successful managers, supervisors, or educators who demonstrate strong leadership, technical, and team skills; and a commitment to continuing professional development.

The BS Nursing program prepares graduates for a rewarding career in nursing and nursing management. Atlantis University BSN graduates will have a thorough grounding in the principles and practices of nursing and management as well as the scientific and leadership principles upon which they are built; they will also be prepared for further education and for productive employment in the industry.

Program Learning Outcomes. Graduates of the Bachelor of Science in Nursing (RN to BSN) program will be able to:

- **PLO 1.** Apply evidence-based reasoning, pathophysiological knowledge, and analytical skills to assess complex patient conditions, prioritize needs, and make safe, ethical, and effective clinical decisions across diverse healthcare settings.
- **PLO 2.** Conduct comprehensive physical, psychosocial, cultural, and community-based assessments using appropriate nursing techniques to support accurate clinical judgments and individualized care planning.
- **PLO 3.** Provide compassionate, culturally sensitive, developmentally appropriate care that respects patient autonomy, promotes well-being, and aligns with professional nursing standards and legal and ethical frameworks.
- **PLO 4.** Work cohesively with physicians, nurses, allied health professionals, and community partners to coordinate care, resolve conflicts, and improve patient outcomes in complex healthcare environments.
- **PLO 5.** Demonstrate leadership behaviors, including delegation, supervision, motivation, prioritization, and decision-making, to improve nursing performance, staff communication, and operational efficiency within healthcare organizations.
- **PLO 6.** Employ digital tools, electronic health records (EHRs), informatics systems, and emerging healthcare technologies to enhance accuracy, patient safety, data management, and clinical decision-making.
- **PLO 7.** Apply legal guidelines, ethical principles, patient rights doctrines, and professional nursing standards to ensure responsibility, accountability, and integrity in all aspects of practice and documentation.
- **PLO 8.** Implement community health principles, epidemiological data, and prevention strategies to address health disparities, manage risks, and improve outcomes in diverse and underserved populations.
- **PLO 9.** Recognize, respond to, and manage psychological, clinical, and environmental crises using appropriate intervention techniques and interdisciplinary collaboration to maintain safety and reduce harm.
- **PLO 10.** Identify risks, analyze incident data, evaluate system weaknesses, and participate in quality improvement initiatives to enhance patient safety, care processes, and organizational performance.

- **PLO 11.** Communicate clearly, therapeutically, and professionally with patients, families, and healthcare teams in both routine and high-stress situations, using interpersonal and clinical communication strategies.
- **PLO 12.** Evaluate current research, clinical guidelines, and nursing literature to support evidence-based interventions, improve patient care standards, and inform professional decision-making.
- **PLO 13.** Exhibit ethical behavior, reliability, self-awareness, reflective practice, and a commitment to continuous professional development, advanced education, and leadership within the nursing profession.
- **PLO 14.** Integrate theoretical knowledge, clinical expertise, leadership skills, and population-health concepts to complete a culminating capstone project that demonstrates readiness for professional nursing practice at the baccalaureate level and for graduate study.

Upon completion of the Bachelor of Science in Nursing Degree program, students may seek employment in healthcare facilities where nursing and management skills are needed.

Program Structure

The 20 courses are taken in four phases:

Phase	Focus	Courses	Credits
Phase 1	Foundation and Core Sciences	NUR 301, IDS 310, NUR 320, NUR 330, NUR 340, COM 350	18
Phase 2	Specialized Nursing Practice	NUR 360, NUR 370, NUR 380, NUR 390, NUR 401, NUR 410	18
Phase 3	Advanced Practice and Specialty	NUR 420, NUR 430, NUR 440, PSY 450, NUR 460	15
Phase 4	Integration and Capstone	NUR 470, NUR 480, NUR 499	9
Total		20 courses	60

Each course carries 3 semester credit hours and 48 clock hours of instruction. NUR 460 requires NUR 330, and NUR 480 requires NUR 470.

Licensure requirement. An RN license is not required for admission. Students who live in the United States and sign their enrollment agreement on or after November 1, 2026 must hold an active RN license before they begin Phase 3 of the program, and they may not continue to Phase 3 or graduate without it. Students who enrolled before November 1, 2026 and are not yet licensed follow an individual licensure plan with a target date before graduation, and the School of Nursing follows their progress every term. Students who live outside the United States and study online sign an attestation stating that they understand the requirements to practice as a nurse in the United States; if they move to the United States, the Phase 3 requirement applies to them. At the start of each term, academic advisors verify each student's license status through the Florida Department of Health or Nursys.

NCLEX-RN review course. Beginning in January 2027, the University offers a free, non-credit NCLEX-RN review course on its Online Campus for students who are not yet licensed. The course is taught by qualified nursing faculty and is offered outside the program's curriculum and credits.

Credential Awarded

The credential to be awarded upon completion of the program is a Bachelor of Science in Nursing (RN to BSN).

Program Breakdown by Course

Course	Course Name	Credits
NUR 301	Introduction to the Role and Scope of Nursing	3
IDS 310	Critical Thinking and Conflict Resolution	3
NUR 320	Pathophysiology	3
NUR 330	Health Assessment	3
NUR 340	Pharmacology	3
COM 350	Interpersonal Communications	3
NUR 360	Public Health	3
NUR 370	Ethical and Legal Practices in Nursing	3
NUR 380	Nursing Leadership and Management	3
NUR 390	Nursing Informatics	3
NUR 401	Healthcare Assessment and Practices	3
NUR 410	Nursing in Diverse Communities	3
NUR 420	Crisis Intervention in Healthcare	3
NUR 430	Global Aspects of Healthcare	3
NUR 440	Risk Management in Healthcare	3
PSY 450	Psychiatry	3
NUR 460	Advanced Nursing and Health Assessment	3
NUR 470	Applied Nursing Leadership and Clinical Judgment	3
NUR 480	Evidence-Based Practice and Practice Change	3
NUR 499	Nursing Capstone	3
Total Credits		60

School of Education

Mission

The mission of Atlantis University's School of Education is to prepare and educate professionals for leadership or service roles in schools and communities by developing their skills through innovative teaching methodologies.

Vision

To build a premier School of Education recognized for delivering quality education and for preparing professionals to lead and inspire others.

Degree Programs

The School of Education offers the following academic programs:

Master's	Master of Science in Elementary Education Master of Science in Education <i>Concentrations: Educational Leadership; Educational Technology</i>
Certificates	Graduate Certificate in Elementary Education Graduate Certificate in Special Education

Master of Science in Elementary Education

(36 Credit Hours – Estimated Completion Time 20 months)

Program Description

The MS in Elementary Education is a meticulously designed, comprehensive program aimed at providing students with advanced training and expertise in elementary education teaching, specifically for grades K-6, which typically cover Kindergarten (K) through fifth or sixth grade. The program places a strong emphasis on innovation, STEM (Science, Technology, Engineering, and Mathematics), and artificial intelligence within the context of elementary education. It prepares students to develop teaching abilities and skillfully integrate different areas of knowledge into teaching practices and curriculum management.

By fostering a rigorous curriculum that integrates current research, hands-on experiences, and collaborative learning opportunities, the program equips graduates to excel in various educational environments and effectively cater to the needs of all students, including those with exceptionalities. Graduates emerge as knowledgeable, compassionate, and effective educators, ready to make a meaningful impact in the field of elementary education.

Students from all professional backgrounds are welcome. The program offers participants avenues to develop teaching abilities, enhance their professional expertise, and advance their careers in elementary education. The program does not include a student teaching component and therefore does not lead to licensure, but it may lead to career advancement for those already licensed as teachers. Licensure requirements vary by state, and graduates should be aware of the specific requirements of the state where they intend to practice.

Program Mission

The mission of the program is to provide students with advanced training and expertise in elementary education teaching, focusing on grades K-6, which typically cover Kindergarten (K) through fifth or sixth grade. This meticulously designed program aims to equip students with a deep understanding of educational theory, pedagogy, and best practices tailored specifically to the developmental needs and learning styles of elementary students.

Program Objectives

The objective of the program is to equip students with advanced knowledge, skills, and expertise in elementary education teaching, specifically for grades K-6. The program aims to prepare students to integrate innovation, STEM, and artificial intelligence effectively into teaching practices and curriculum development. It strives to foster a deep understanding of educational theory and practice, enabling graduates to excel in various educational settings and meet the needs of all students, including those with exceptionalities. The specific program objectives are:

- Provide students with in-depth understanding and advanced knowledge in the theory, practice, and methodologies of elementary education, focusing on grades K-6.
- Prepare students to integrate innovative approaches, STEM (Science, Technology, Engineering, and Mathematics) principles, and artificial intelligence into teaching practices and curriculum development.
- Enhance students' pedagogical skills and strategies to effectively engage students, differentiate instruction, and meet the varied learning needs of all elementary students, including those with exceptionalities.
- Foster a culture of professional growth, collaboration, and reflective practice among students, enabling them to develop teaching skills and contribute positively to educational communities.
- Familiarize students with the state certification and licensure requirements for teaching in elementary education, and with the educational standards and legal requirements that govern the profession.
- Emphasize ethical considerations and immersive educational practices, equipping students to create safe, supportive, and equitable learning environments for all students.

Learning Outcomes

Upon completion of the program, students will be able to:

- Apply advanced pedagogical techniques and strategies specifically tailored to elementary education, creating an immersive, stimulating learning environment.
- Integrate innovation, STEM concepts, and artificial intelligence into curriculum design and teaching practices to enrich student learning and engagement.
- Utilize evidence-based practices and current educational research to develop and implement effective teaching and assessment methods that cater to broad-ranging student needs.
- Demonstrate effective collaboration with colleagues, families, and community stakeholders to foster student learning and development.
- Engage in reflective practice to continuously evaluate and enhance their teaching methods, demonstrating a commitment to ongoing professional growth.
- Understand educational policies, ethical standards, and legal considerations relevant to elementary education, ensuring compliance and promoting a safe and supportive learning environment.

Graduation Requirements

To receive a Master of Science in Elementary Education, students must complete the required 36 graduate semester credit hours as detailed below:

- 27 graduate semester credit hours in the technical field: 15 in core courses, 9 in thematic and interdisciplinary integration courses, and 3 in the capstone course; and
- 9 graduate semester credit hours in STEM elective courses.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Elementary Education.

Program Breakdown by Course

Course	Course Name	Credits
Core Courses (15 credit hours), all required		
MEE 500	Theories of Learning and Development	3
MEE 510	Pedagogical Perspectives of Education, Trends & Developments in Elementary Education	3
MEE 530	Learning Process and Creativity in Elementary Education	3
MEE 540	Curriculum, Instructional & Assessment Strategies in the Immersive Classroom	3
MEE 550	Digital Classrooms: Technology in Elementary Education	3
Thematic and Interdisciplinary Integration Courses (9 credit hours), all required		
MEE 560	Innovative Strategies for Teaching Mathematics with AI	3
MEE 600	Teaching Language Arts in the Elementary School	3
MEE 610	Teaching of Science in the Elementary School	3
STEM Elective Courses (9 credit hours)		
Elective 1 (3), choose one		
MEE 630	Innovative STEM Integration in Elementary Education	3
MEE 631	Assessing STEM Learning: Tools and Strategies	3
MEE 632	Innovative Approaches to STEM Education in Elementary Schools	3
Elective 2 (3), choose one		
MEE 640	Varied Learners in STEM	3
MEE 641	Methods in STEM Teaching for Elementary Educators	3
MEE 642	Digital Literacy and Computational Thinking for Elementary Students	3
Elective 3 (3), choose one		
MEE 650	Project-Based STEM Learning Experiences	3
MEE 651	Play: Theoretical Foundations and Applications	3
MEE 652	Robotics and AI in Elementary Classrooms	3
Capstone (3 credit hours)		
MEE 700	Capstone Project in Elementary Education	3
Total Program Credits		36

Master of Science in Education

(36 Graduate Level Semester Credit Hours – Estimated Completion Time 12 months)

Program Description

The Atlantis University Master of Science in Education program is designed for professionals interested in acquiring skills and teaching practice through access to current theories, methodologies, and pedagogical techniques applicable to different educational levels.

The program curriculum is competency-based, flexible, and project-oriented. Projects enable students to apply what they have learned, think critically, and engage in socialized, constructive, and participative learning, while reflecting continuously on their educational practice so that learning is comprehensive and articulated.

The program is administered using a model that integrates information technologies as a strategy, a study modality, and a transversal axis in all classes, facilitating learning with the tools available in digital environments in a flexible way, without constraints of time and space.

The program is designed to foster strong analytical and personal skills, technological abilities, effective communication, and logical and ethical approaches to education. The curriculum encompasses teaching competencies and includes a culminating experience and research component required for program completion.

Program Objective

The program's objective is to deepen students' knowledge and expertise, develop their professional skills, and enable them to compete for a rewarding career in the education field. The Atlantis University Master of Science in Education is designed to prepare educators for career advancement.

Concentrations

The Master of Science in Education curriculum is organized by specialty or concentration. The program consists of 36 credit hours: the first 27 credits are the core courses, and the remaining 9 credits prepare students in the concentration of their choice. The required courses for each concentration are listed in the Program Breakdown by Course.

Students who do not wish to pursue a concentration may complete the 36 credits of the program by taking the 27 credits of core courses and an additional 9 credits from any of the concentration courses.

Educational Leadership

The Educational Leadership concentration is designed to provide leadership skills and tools that help students reach their full potential. Students learn to interpret leadership models, teacher evaluation, and motivation, and to use them to develop professional learning opportunities that promote continuous improvement.

Educational Technology

The Educational Technology concentration is designed to prepare educators and other professionals to serve as technology leaders by teaching them to track trends and leverage technology as an effective tool to support learning and meet the needs of staff, teachers, and students.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Master of Science in Education.

Program Breakdown by Course

Course	Course Name	Credits
Core Courses (27 credit hours), all required		
MED 500	Psychology of Learning	3
MED 510	Pedagogical Perspectives of Education, Trends & Developments	3
MED 520	Adult Learning	3
MED 533	Learning Process and Creativity	3
MED 541	Emerging Technologies in Education	3
MED 612	Curriculum, Instruction, and Assessment	3
MED 625	Designing Learning Environments	3
MED 645	Scholarly Writing and Research Strategies	3
MED 699	Capstone Project	3
Concentration (9 credit hours), choose one and complete all three courses		
Educational Leadership		
MEDL 682	Teacher Leadership	3
MEDL 683	Methods of Negotiation and Conflict Resolution	3
MEDL 684	Strategic Operations Planning and Innovation	3
Educational Technology		
MEDT 685	Digital Educator	3
MEDT 686	Technology Curriculum and Planning with Technology	3
MEDT 687	Instructional Models for Digital Learning	3
Total Program Credits		36

Graduate Certificate Programs Admissions Requirements

Admissions Requirements

To enroll in a graduate certificate program, students must meet the following requirements:

- Be 18 years of age or older, or have written permission from a parent or legal guardian.
- Complete an interview.
- Complete an enrollment agreement.
- Provide a copy of a bachelor's degree (or a completed higher education program) or an equivalent document if education was completed in another country.
- Provide an official academic transcript of the completed degree. All documents must be submitted in English; documents from non-English-speaking countries must be translated into English.

Maximum Number of Students

The maximum number of students per course is 35, to guarantee sufficient time for student/faculty interaction, adequate tutoring, and feedback. Certain master classes may accommodate up to 50 students; these are later broken down into smaller groups for appropriate interaction.

Graduate Certificate in Elementary Education

(336 Clock Hours / 21 Credit Hours – Estimated Completion Time 4 months)

Program Description

The Graduate Certificate in Elementary Education is designed to provide aspiring educators with the foundational knowledge and skills necessary to teach in elementary school settings.

The mission of the Elementary Education program is to cultivate passionate and competent educators dedicated to fostering a positive and immersive learning environment for elementary school students. The program emphasizes the development of pedagogical knowledge, instructional strategies, and classroom management techniques grounded in evidence-based practices and educational theory, promoting critical thinking and problem-solving skills and inspiring a lifelong love of learning in every child. Through rigorous coursework, practical experiences, and ongoing mentorship, the program trains educators committed to promoting academic excellence in elementary education.

Program Objective

The program objective is to equip aspiring educators with the essential knowledge, skills, and practical experience necessary to effectively teach in elementary school settings. This includes developing a deep understanding of child development, educational psychology, curriculum design, teaching methodologies, and effective classroom management techniques.

Learning Outcomes

The program aims to prepare passionate, competent, and compassionate educators who have the foundational knowledge and skills essential for teaching in elementary school settings and who are capable of meeting the varied needs of elementary school students, fostering their academic growth, and creating a positive and immersive learning environment. Graduates of the program are expected to:

- Understand and apply pedagogical principles and theories to design effective learning experiences for elementary school students.
- Utilize a variety of instructional strategies, techniques, and resources to engage students in meaningful learning and promote academic growth across different learning styles and needs.
- Develop classroom management skills to create a positive, immersive, and supportive learning environment conducive to student success and well-being.
- Integrate evidence-based practices and educational research into teaching methodologies to enhance student learning outcomes and instructional effectiveness.
- Foster critical thinking skills, problem-solving abilities, and inquiry-based learning approaches to encourage students' intellectual curiosity and analytical reasoning.
- Instill a love of learning and a growth mindset in students, nurturing their intrinsic motivation, curiosity, and enthusiasm for lifelong learning and personal development.
- Demonstrate professionalism, ethical conduct, and reflective practice in teaching, collaboration with colleagues, communication with families, and engagement with the broader educational community.

Program Outline

To receive a Graduate Certificate in Elementary Education, students must complete the program's 336 clock hours (21 credit hours).

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Graduate Certificate in Elementary Education.

Program Breakdown by Course

Course	Course Name	Clock Hours	Credits
EDE 600	Foundations of Education	48	3
EDE 610	Child Development and Psychology	48	3
EDE 620	Teaching Methods and Strategies	48	3
EDE 630	Curriculum, Instruction, and Assessment	48	3
EDE 640	Language and Learning	48	3
EDE 660	Special Education: Teaching Children with Exceptionalities	48	3
EDE 680	Enhanced Learning Plans for Immersive Classrooms	48	3
Total Program Hours		336	21

Graduation Requirements

Graduation requirements for the Graduate Certificate in Elementary Education include the successful completion of the prescribed 336 clock hours (21 credit hours) of the program.

Graduate Certificate in Special Education Program

(336 Clock Hours / 21 Credit Hours – Estimated Completion Time 4 months)

Program Description

The Graduate Certificate in Special Education program is a specialized and highly relevant academic program aimed at equipping educators with the essential skills, knowledge, and competencies to address the unique needs of students with functional differences, learning disabilities, and special educational needs. This program is grounded in the commitment to ensuring equal educational opportunities for all students, regardless of their individual abilities, capacities, or circumstances.

Through the program's special education courses, educators who earn the Graduate Certificate in Special Education not only gain a deep understanding of the different disabilities and special educational needs they may encounter in their classrooms but also learn effective strategies to provide comprehensive and personalized support that fosters academic success and socio-emotional development for each student.

This special education certificate is designed to help educators develop as education professionals. Throughout the program, students are encouraged to adopt a student-centered approach that recognizes and values the individual strengths of each student. Educators also learn to collaborate closely with other education professionals, such as occupational therapists, speech and language therapists, and special education specialists, to design personalized teaching plans and coordinate support services that meet the comprehensive needs of students.

Program Objective

The objective of the Graduate Certificate in Special Education is to provide a specialized and highly relevant academic program that equips educators with essential skills, knowledge, and competencies to address the unique needs of students with functional differences, learning disabilities, and special educational needs. The program aims to ensure equal educational opportunities for all students, regardless of their abilities or circumstances.

Students who earn the Graduate Certificate in Special Education will gain:

- A deep understanding of various disabilities and special educational needs encountered in classrooms.
- Effective strategies to provide comprehensive and personalized support for academic success and socio-emotional development.
- Promotion of a student-centered approach that values individual strengths.
- Skills to collaborate with other education professionals to design personalized teaching plans and coordinate support services for students.

Learning Outcomes

The Graduate Certificate in Special Education program aims to equip educators with specialized skills, knowledge, and competencies to effectively address the various needs of students with functional differences, learning disabilities, and special educational needs. Upon completion of this program, educators will achieve the following learning outcomes:

- Graduates will demonstrate a deep understanding of various disabilities and special educational needs commonly encountered in educational settings. They will be able to identify and assess individual student needs accurately.
- Graduates will acquire a repertoire of effective strategies and interventions to provide comprehensive and personalized support to students with varied needs. These strategies will focus on fostering academic success, socio-emotional development, and overall well-being.
- Graduates will promote a student-centered approach that values and leverages the unique strengths and abilities of each student, creating an immersive learning environment.
- Graduates will develop collaboration skills to work closely with other education professionals, including occupational therapists, speech and language therapists, and special education specialists. They will learn to collaborate effectively in designing personalized teaching plans and coordinating support services to meet the comprehensive needs of students.

- Graduates will be advocates for educational opportunities for all students, regardless of their individual abilities, capacities, or circumstances. They will advocate for practices and policies that support the varied needs of students in educational settings.
- Graduates will continue to develop as education professionals, continually seeking opportunities for professional growth and learning. They will engage in reflective practice and ongoing professional development and will stay updated on best practices and research in the field of special education.

Program Outline

To receive the Graduate Certificate in Special Education, students must complete the program's 336 clock hours (21 credit hours).

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Credential Awarded

The credential to be awarded upon completion of the program is a Graduate Certificate in Special Education.

Program Breakdown by Course

Course	Course Name	Clock Hours	Credits
EDS 600	Foundations of Special Education	48	3
EDS 610	Assessment and Evaluation in Special Education	48	3
EDS 620	Curriculum Design and Adaptation	48	3
EDS 630	Language Development Through Phonics and the Science of Reading: Teaching Methods and Support Strategies	48	3
EDS 640	Methods of Teaching Math to Students with Mild to Moderate Disabilities	48	3
EDS 660	Professional, Ethical, and Legal Practices and Policies in Special Education	48	3
EDS 680	Research-Based Instruction, Remediation, and Intervention in Special Education	48	3
Total Program Hours		336	21

Graduation Requirements

Graduation requirements for the Graduate Certificate in Special Education include the successful completion of the prescribed 336 clock hours (21 credit hours) of the program.

Diploma Programs Admissions Requirements

- Must be 18 years or older or have written permission from a parent or legal guardian.
 - Complete a recommended in-person interview.
 - Complete an enrollment agreement.
 - Provide a copy of an associate degree (or higher-level academic program completed) or equivalent document if education was completed in another country. Documents from non-English-speaking countries must be translated into English.
 - Provide official transcript from completed degree. All documents submitted must be in English.
- Guideline for submission of official transcripts:

- Verification (official transcripts) of college credits or an earned degree from an accredited institution recognized by the United States Department of Education,
- If documents are from another country: An evaluation of an official transcript by an approved educational evaluation service attesting that the degree/or credits earned are equivalent to a degree/credits earned at an accredited institution of higher education in the United States.

To enroll in a Diploma Program, students must already have earned a previous degree (undergraduate previous degree required). Credits/courses completed within Diploma programs transfer entirely into Atlantis University's degree programs.

Courses in IT Diploma Programs: Computer Information Technology, InfoSec, Network Operations, and Enterprise Cloud Professional diploma programs transfer 100% into the BS Information Technology and the BS Computer Engineering degree programs.

Courses in the Business Diploma program: Office Administrator transfer 100% into the BS Business Administration degree program.

Admissions Processes for Diploma Programs

Students desiring to enter a Diploma Program at Atlantis University should contact the Admissions Office or log onto our website at www.atlantisuniversity.edu to submit an application. Students should submit their applications well in advance of the date they desire to enter the University to permit proper scheduling and assure availability.

Local applicants are encouraged to visit the University in person. International applicants may apply online. The University uses a rolling admissions policy.

Applicants will be notified of their acceptance or rejection by the University within ten days after the application is submitted. All admissions services are conducted on equal opportunity/equal access basis. The institution complies with all Equal Opportunity Laws.

Diploma Programs

Office Administrator Diploma (Administrative Management)

(336 Clock Hours / 21 Credit Hours – Estimated Completion Time 8 months)

Program Description

The Office Administrator Diploma (Administrative Management) at Atlantis University prepares students to perform effectively in modern business environments that require both traditional administrative expertise and advanced digital competencies. The program integrates core foundations in business administration, accounting with QuickBooks, business law, leadership and human resources, professional communication, and technology applications for business, including Artificial Intelligence (AI) tools for administrative management.

Through applied learning experiences, students gain practical skills in bookkeeping, executive support, document management, digital collaboration, AI-assisted communication, and operational coordination.

Program Objective

The program prepares graduates to contribute to organizational efficiency, support executive leadership, manage financial processes, and adapt to evolving technological environments. It also serves as an academic pathway toward associate and bachelor's level business programs.

Graduates of the Office Administrator Diploma (Administrative Management) will be able to:

- Apply foundational business and administrative principles in organizational settings.
- Perform bookkeeping functions using QuickBooks and digital accounting systems.
- Support compliance with business law and regulatory requirements.
- Assist with leadership and human resource management processes.
- Communicate professionally using traditional and AI-enhanced tools.
- Implement workflow automation and digital productivity systems.
- Utilize artificial intelligence tools ethically to improve administrative efficiency.
- Support executive operations in technology-enhanced environments.

Program Outline

To receive the Office Administrator Diploma (Administrative Management), students must complete the program's 336 clock hours (21 credit hours). Program requirements are indicated below.

Credential Awarded

The credential to be awarded upon completion of the program is an Office Administrator Diploma (Administrative Management).

Program Breakdown by Course

Course	Course Name	Clock Hours	Credits
ACCTG 121	Accounting (QuickBooks)	48	3
CIT 121	Technology Applications for Business	48	3
CIT 200	Artificial Intelligence Applications for Administrative Management	48	3
ENGL 203	Effective Business Writing	48	3
BUS 102	Business Administration and Management	48	3
BUS 223	Leadership and Human Resources	48	3
BUS 200	Business Law	48	3
Total Program Hours		336	21

Network Operations Diploma (NOP)

(192 Clock Hours / 12 Credit Hours – Estimated Completion Time 4 months)

Program Description

The overwhelming majority of today's internet traffic travels over network pathways built with cutting-edge equipment. As corporations embrace the new era of enterprise automation, transformation, and software-defined infrastructures, IT professionals need, more than ever, the know-how to bring value to an organization. The program has been designed to prepare students to operate, install, diagnose, configure, troubleshoot, upgrade, and maintain microcomputers while gaining an overall understanding of computer networks. The program introduces students to, and prepares them for, careers in networking, network operations, network analysis, and network engineering. Through an innovative hands-on curriculum, students learn how to design, configure, troubleshoot, and maintain enterprise network infrastructures.

Program Objective

The Network Operations Professional program is designed to enable graduates to acquire the knowledge, skills, and preparedness necessary to take the CompTIA Network+ and Cisco certification exams. Students get real hands-on learning experience directly related to the working environment, in professional classroom settings with adequate and current technology, led by highly qualified and experienced professors. Upon completion of the program, students may seek entry-level employment in business, government, or a variety of industries where general computer networking and basic technical skills are needed.

Program Outline

To receive the Network Operations Professional (NOP) Diploma, students must complete the program's 192 clock hours (12 credit hours). Program requirements are indicated below.

Credential Awarded

The credential to be awarded upon completion of the program is a Network Operations Professional (NOP) Diploma.

Program Breakdown by Course

Course	Course Name	Clock Hours	Credits
CIT 280	Network Design (Prep for CompTIA Network+ Certification)	48	3
CIT 281	Network Administration and Technical Support (Prep for Cisco CCNA)	48	3
CIT 282	Advanced Network Administration (Prep for Cisco CCNA)	48	3
CIT 283	Networking on Azure and AWS	48	3
Total Program Hours		192	12

Enterprise Cloud Professional Diploma (ECP)

*(288 Clock Hours / 18 Credit Hours * – Estimated Completion Time 6 months)*

Program Description

Global corporations of all sizes have been experiencing the efficiency and cost-effectiveness of operating an IT infrastructure in the cloud, and IT professionals must therefore stay up to date on cloud-based platforms. This program focuses on the latest cloud standards defined by leading industry authorities such as Microsoft, NIST, Amazon Web Services, Google, and IBM.

The program is designed to help students develop the skills necessary to analyze IT business requirements; design and implement the infrastructure for business solutions based on Microsoft and other platforms and server systems; and demonstrate in-depth knowledge and technical skills in key technologies such as cloud computing, Active Directory configuration, network infrastructure configuration, and applications infrastructure configuration.

Program Objective

The program provides the skills necessary to design, configure, and maintain a cloud infrastructure. Students learn to work with public, private, and hybrid clouds in corporations of any size. Coursework is based on a competency model in which the completion of assigned hands-on labs determines whether a student passes the course, which provides a more comprehensive assessment of field readiness. After completing the program, students are equipped with the skills and knowledge to take industry-recognized certifications such as Microsoft 365 associate certifications, CompTIA Network+ and Linux+, and AWS Associate and Professional certifications.

Upon completion of the program, students may seek entry-level employment in business, government, or a variety of industries where a combination of basic computer technology solutions and installation, configuration, and troubleshooting skills is needed.

Program Outline

To receive the Enterprise Cloud Professional (ECP) Diploma, students must complete the program's 288 clock hours (18 credit hours). Program requirements are indicated below.

Credential Awarded

The credential to be awarded upon completion of the program is an Enterprise Cloud Professional (ECP) Diploma.

Program Breakdown by Course

Course	Course Name	Clock Hours	Credits
CIT 280	Network Design (Prep for CompTIA Network+ Certification)	48	3
CIT 381	Linux Technology (Prep for CompTIA Linux+ Certification)	48	3
CIT 382	Cloud Technology Developer (Prep for AWS Solutions Architect – Associate Certification)	48	3
CIT 383	Advanced Cloud Technology Architect (Prep for AWS Solutions Architect – Professional Certification)	48	3
CIT 384	Manage Cloud Technology Identities & Requirements (Prep for Microsoft 365 Identity and Requirements Certification)	48	3
CIT 385	Cloud Technology Compute Services	48	3
Total Program Hours		288	18

InfoSec Professional (ISP)

(240 Clock Hours / 15 Credit Hours – Estimated Completion Time 4 months)

Program Description

Program Description

The InfoSec Professional (ISP) Diploma program offers a hands-on approach to learning, using interactive tools and easy-to-follow, step-by-step labs that help students learn the general theory needed to implement security in networks efficiently. The labs provide detailed instructions and feedback to guide students to the final solution. The program allows for quick application of learned concepts, encourages students to consider additional education or a profession in IT, and includes highly interactive activities that stimulate learning and improve knowledge retention.

Program Objective

The InfoSec Professional (ISP) Diploma program provides foundational networking and security technology knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in IT and networking. Students who enroll in the program are not expected to have previous technical skills or knowledge beyond basic PC usage. The program teaches networking through application, covering the types of practical networks students may encounter, from simple home or small office networks to more complex enterprise models.

Students learn the technical skills needed to succeed in entry-level networking positions such as network installer, network security specialist, security technician, help desk technician, pre-sales support technician, or network technician.

Program Outline

To receive the InfoSec Professional (ISP) Diploma, students must complete the program's 240 clock hours (15 credit hours). Program requirements are indicated below.

Credential Awarded

The credential to be awarded upon completion of the program is an InfoSec Professional (ISP) Diploma.

Program Breakdown by Course

Course	Course Name	Clock Hours	Credits
CIT 480	Security Technology (Prep for CompTIA Security+ Certification)	48	3
CIT 481	Security Ethical Hacking (Prep for EC-Council CEH Certification)	48	3
CIT 482	Security Analyst (Prep for EC-Council ECSA Certification)	48	3
CIT 483	Information Systems Security (Prep for ISC2 CISSP Certification)	48	3
CIT 484	Advanced Information Systems Security (Prep for ISC2 CISSP Certification)	48	3
Total Program Hours		240	15

Computer Information Technology Diploma (CIT)

(672 Clock Hours / 42 Credit Hours – Estimated Completion Time 14 months)

Program Description

The Computer Information Technology (CIT) Diploma program combines the training of the Network Operations Professional, Enterprise Cloud Professional, and InfoSec Professional diploma programs into one complete IT professional program. The skills developed in the coursework may lead to careers as a network administrator, data communication manager, communication specialist, or similar positions. Atlantis University laboratories allow students to gain hands-on experience in the design, deployment, and management of intranet and internet client/server networks. Courses in this program may transfer toward the University's associate and bachelor's degree programs.

Program Objective

The program prepares students to become IT professionals using the latest technologies of industry leaders such as CompTIA, Cisco, and Microsoft. Students gain the skills and job-role capabilities to work with these technologies, analyze business requirements, and design and implement solutions for clients.

Program Outline

To receive the Computer Information Technology (CIT) Diploma, students must complete the program's 672 clock hours (42 credit hours), distributed as shown below.

Credential Awarded

The credential to be awarded upon completion of the program is a Computer Information Technology (CIT) Diploma.

Program Breakdown by Course

Course	Course Name	Hours	Credits
NOP Curriculum (12 credit hours), all required			
CIT 280	Network Design (Prep for CompTIA Network+)	48	3
CIT 281	Network Administration and Technical Support (CCNA)	48	3
CIT 282	Advanced Network Administration (Prep for Cisco CCNA)	48	3
CIT 283	Networking on Azure and AWS	48	3
ECP Curriculum (15 credit hours), all required			
CIT 381	Linux Technology (Prep for CompTIA Linux+)	48	3
CIT 382	Cloud Technology Developer (Prep for AWS Solutions Architect – Associate)	48	3
CIT 383	Advanced Cloud Technology Architect (Prep for AWS Solutions Architect – Professional)	48	3
CIT 384	Manage Cloud Technology Identities & Requirements (Microsoft 365)	48	3
CIT 385	Cloud Technology Compute Services	48	3
ISP Curriculum or IT Electives (15 credit hours), choose one option			
Option A: ISP Curriculum			
CIT 480	Security Technology (Prep for CompTIA Security+)	48	3
CIT 481	Security Ethical Hacking (Prep for EC-Council CEH)	48	3
CIT 482	Security Analyst (Prep for EC-Council ECSA)	48	3
CIT 483	Information Systems Security (Prep for ISC2 CISSP)	48	3
CIT 484	Advanced Information Systems Security (ISC2 CISSP)	48	3
Option B: IT Electives			
CIT 101	Basic Linux	48	3
CIT 107	Introduction to Computer Forensics	48	3
CIT 108	Advanced Computer Forensics	48	3
CIT 109	Introduction to Database	48	3
CIT 202	Advanced Linux	48	3
Total Program Hours		672	42

Enrollment Procedures

Language of Programs

Programs are taught in English, Spanish, or Portuguese. Class starts vary depending on the language of instruction. Evidence of English proficiency is required if a student's primary language is not English and the student is applying for a degree program taught in English. The applicant may take one of the following English proficiency examinations:

- (1) Test of English as a Foreign Language (TOEFL), with a minimum score of 70;
- (2) Duolingo English Test, with a minimum score of 100;
- (3) IELTS, with a minimum score of 6.0;
- (4) Pearson Test of English (PTE) Academic, with a score of 50 to 63;
- (5) International Test of English Proficiency (iTEP), with a minimum CEFR level of B2; or
- (6) Cambridge English Assessment, with a minimum CEFR level of B2.

In lieu of an English language proficiency test, the applicant may provide proof of completion of an English course at a language institute or school, or an attestation from the school the student graduated from stating that the medium of instruction was English. The applicant must provide a copy of the certificate of completion showing that an advanced level was completed. Please see the admissions requirements for more information. TOEFL or other English proficiency examinations are not required for applicants who:

- Have graduated from a college or university in the United States accredited in a manner accepted by Atlantis University; or
- Are from one of the following countries: Australia, the Bahamas, Barbados, Belize, Cameroon, Canada, Dominica, Ghana, Guyana, Ireland, Jamaica, Liberia, New Zealand, Sierra Leone, South Africa, Trinidad and Tobago, the United Kingdom, the United States, or Zimbabwe.

English Proficiency Examination Waivers: AU will consider, on a case-by-case basis, waiver requests from applicants who fall into at least one of the following categories:

- The applicant has completed, with a minimum 2.0 GPA, at least one year of full-time study at a recognized secondary school, college, or university whose primary language of instruction is English.
- The applicant has completed a high level of English study at an accredited language school and has proof of a passing score on an English proficiency exam.
- The applicant has completed the TOEIC with a composite score of 775 or higher.
- The applicant has three years of residency in the United States, working in an establishment where all activities are conducted in English.

Completing a course or program in a language other than English may reduce employability where English is required.

International Students

Atlantis University is proud of the international character and cultural backgrounds of its student body and welcomes students from other nations. The University accepts F-1 and M-1 visa students, based on the student's program of study. In addition to the General Admissions Requirements, international student applicants must meet the following requirements:

- (1) Certification of financial ability to meet tuition and other necessary expenses.
- (2) International student visa requirements.

Personal Interview

A personal interview with an admissions representative is recommended prior to acceptance into a program. During this interview, the admissions representative evaluates the applicant's career goals and potential for academic success.

Enrollment Agreement and Registration

Prospective students must complete an AU application, which includes an Enrollment Agreement specifying the program, language, and delivery method of choice, before receiving acceptance by the institution. To register for classes, students must have met the academic and administrative clearance, which includes the requirement that all tuition and fees are paid, or will be paid, by the required dates.

Upon review of the application and enrollment documents, the University will determine whether the prospective student is accepted into the selected program and is eligible to register for classes.

Disclosure: Atlantis University reserves the right to accept or deny admission and enrollment.

Late Enrollment

A student who wishes to enroll after the registration deadline (the class start date of each term) may do so, with the approval of their academic advisor or the Registrar, up to the end of the Add/Drop Period, which is the first two weeks of the semester.

A late registration fee of \$100 may apply if a student enrolls in new courses after the Add/Drop Period.

Continuous Registration

Upon application to the University, all applicants sign an Enrollment Agreement in which they attest to understanding the requirements of their program of study. This document acknowledges that most programs follow a course sequence and that the student will be continuously enrolled and scheduled through the duration of the program unless the student formally requests a change in enrollment status. Once accepted, applicants are registered in their chosen program of study.

Acceptance by Institution

The Atlantis University catalog is available online at www.atlantisuniversity.edu for all applicants to review. Applicants receive the catalog prior to their interview, and the catalog is reviewed during the interview. The applicant is encouraged to ask questions and is given additional clarification. The applicant signs the Enrollment Agreement and attests to understanding the terms and conditions of attending Atlantis University. Upon review of the application and enrollment documents, the University will determine whether the prospective student is accepted into the selected program and is eligible to register for classes. The applicant will be informed of the admissions decision by letter within ten (10) business days after the interview and the submission and review of all required documents.

Policies on Transferring Credit from Other Institutions

Atlantis University accepts transfer credits applicable to an applicant's program of study from other approved institutions. To apply for transfer credit, students **must** send an official transcript from each school whose credits they would like transferred to the Academic Department for review and complete the corresponding paperwork for each transfer course **prior to** the start of the program. Requests received after that time will be processed for the following semester. Official transcripts are required for credits to be transferred.

A transfer student's transcript(s) becomes part of the official student permanent record. Upon evaluation, Atlantis University will determine how many credits, if any, will apply toward a degree.

Transfer of Credits for Undergraduate Programs:

- Credit may be granted only for courses in which grades of "C" or better (2.00) have been earned.
- Students must complete a minimum of 25% of an undergraduate program at AU to be eligible for graduation.
- Students who have earned an associate degree (60 credits) at an eligible institution may have their degree recognized as equivalent to an associate degree at Atlantis University upon review and acceptance.
- Students who do not yet hold an associate degree, or who have earned fewer than 60 credits, may transfer the credits earned to Atlantis University after a course-by-course evaluation is performed and accepted.

Transfer of Credits for Graduate Programs:

- Credit may be granted only for courses in which grades of “B” or better (3.00) have been earned.
- Students must complete a minimum of 90% of a graduate program at AU to be eligible for graduation.
- Transfer credits for graduate programs are considered on a case-by-case basis.

Note: For transcripts from another institution to be evaluated for transfer credit, the institution must be accredited by an accrediting agency recognized by the U.S. Department of Education or, for foreign transcripts, by the equivalent authority in that country (for example, the Ministry of Education). Foreign transcripts must be translated and/or evaluated.

Policies on Awarding Credit for IT, Business, or Industry Certifications

If applicable, students may receive credit for previously earned IT, business, or industry certifications equivalent to Atlantis University courses. Credit for certifications applies only to degree programs. To apply for credit, students must send an official copy of the certification to the Registrar’s Office for review and complete the corresponding paperwork for each certification. Atlantis University will determine how many credits, if any, will apply toward a degree. Credit may be granted only for certifications earned within the last six (6) years. Students must complete at Atlantis University a minimum of 25% of an undergraduate program, or 90% of a graduate program.

Veterans’ Credit for Previous Education or Training

A Veterans Affairs (VA) benefit recipient is responsible for reporting all previous education and training. The University evaluates this education and training and grants credit, if appropriate, which can shorten training time and proportionally reduce tuition. If credit is granted, the VA and the student will be notified. AU recognizes and uses the American Council on Education (ACE) Guide for the evaluation of educational experiences in the Armed Services. If appropriate, Atlantis University will award college credit for learning acquired in military service at levels consistent with the ACE Guide recommendations and/or those transcribed by the Community College of the Air Force, when applicable to a service member’s program.

Policies on Transferring Credit to Other Institutions

Atlantis University is an accredited institution. The acceptance of transfer credits by another institution is at the sole discretion of the receiving institution. Atlantis University cannot assure the transfer of credit; however, Atlantis University has entered into articulation agreements with various regionally and nationally accredited colleges and universities.

Policies on Course or Program Cancellation

Atlantis University offers courses based on students’ needs. However, if a course or program is cancelled, due notice will be given to students. The decision to cancel a course is at the discretion of the Academic Department of Atlantis University and is based on enrollment substantially below the expected level, the pattern of past enrollment, and/or the unavailability of an appropriate instructor. Upon making such a decision, the University will notify prospective and enrolled students by email, by mail, and, if appropriate, by telephone. The Atlantis University refund policy will apply.

Description of Institution

Atlantis University Main Campus

Atlantis University's Main Campus is University Park, located at 1011 Sunnybrook Road, Miami, Florida 33136. The custom-built campus occupies about 27,650 square feet across three entire floors of the building, making it a unique and modern vertical campus in the City of Miami. The 11th floor is dedicated to the School of Nursing. The Main Campus is fully equipped with large reception areas, lecture rooms, computer laboratories, administrative offices, a library, student lounges, and a Student Recreation Center for the enjoyment of all students, faculty, and staff. The campus holds 7 classrooms, 4 laboratories, 2 auxiliary rooms, a library and learning resource area, academic offices for faculty supervision and academic advising, study areas, student and placement services offices, a testing room, case study rooms, and recreational areas. Atlantis University also has offices for student services and career services.

The campus is located in the City's Health District, close to Miami International Airport and the University of Miami Health System, and a short walk from the Miami Marlins stadium, a venue for major concerts, sports, and cultural events. The building is accessible from two of the City's major expressways (I-95 and SR 836). Parking inside the building is available for all students, and a Metrorail station is within walking distance. Accessible parking spaces, ramps, elevator access to all floors, and accessible restrooms serve students with disabilities.

For further information, please visit our website at www.atlantisuniversity.edu.

Library and Information Center

The mission of the Atlantis University Library and Information Center is to support and train the Atlantis University community in accessing information resources for the successful development of its academic programs and future professional life. The Library also prepares students in the core information literacy competencies that allow successful use of these resources. The information resources are varied, and 95% of them are available 24/7 through the University's platforms. The Library offers the Atlantis community sources such as dictionaries, encyclopedias, textbooks, reference books, audiovisual materials, magazines, journals, theses, and dissertations, among many others. The textbooks and other specific resources that students need for their classes are also available through direct links on the University platform.

Students and faculty can also access additional resources through the University's partner sites. These resources cover various types of sources, topics, and subjects in several languages, providing adequate coverage at the undergraduate and graduate levels for our English-, Spanish-, and Portuguese-speaking student population.

The Library has a solid physical and virtual presence, both on campus and online, and students can reach a librarian through the "Ask the Librarian" service. Library services include onboarding conferences and an onboarding course for new students, resource onboarding for faculty, talks and conferences on APA style and research, writing and public speaking tutoring, and Information Resources Services, which include:

- Program information resources: textbooks, online journals, government documents, research institute reports, internet-based technical documents, surveys, statistics, and software simulations, among others.
- Online book collection: more than 30,000 titles. Students and faculty can search the collection, view essential resources, highlight and print relevant sections, annotate for research purposes, and create bookshelves of titles for their projects.
- Online articles collection: more than 20 million full-text documents, accessible through a variety of sites; 50% come from peer-reviewed sources.
- Audiovisual collection: more than 10,000 courses, with the strongest sections in soft skills, business, and technology.

Key subject areas in the collection include business and economics; computing, technology, and mathematics; education; hospitality; psychology and family; history; literary criticism; fiction; linguistics and foreign language studies; health, nursing, and medicine; performing arts, music, art, and architecture; political science, philosophy, and law; science and nature; and social sciences and religion.

Additional learning resources include:

- Government resources: 150,000 full-text government documents, and resources for professional and career development.
- General reference materials: almanacs, dictionaries, maps, encyclopedias, and other reference works for quick and easy access.
- Resources for life and leisure: information on topics outside the classroom, such as art, sports, genealogy, travel, consumer information, food and cooking, and health-related topics.

Staffed by a full-time, professionally qualified librarian, the Atlantis University Library is an essential part of the institution's educational success. It builds a strong bond with students and instructors, strengthening the academic process well beyond graduation and allowing students to stay in contact with their alma mater. The Library is an integral part of continuing education, helping transform students throughout their academic, personal, and professional lives.

Equipment

Atlantis University provides individual computer workstations for students to use in class and on campus, and makes other office equipment, such as copiers and printers, available to meet academic requirements.

Student Services

Housing

Atlantis University does not maintain housing for students but provides resources to help them find nearby housing and shared accommodations.

Student Records and Transcripts

Student records are retained permanently at the institution's site in Florida in a fireproof cabinet. Computer records are backed up weekly and stored at Atlantis University. Copies of transcripts for personal use may be requested from the Registrar upon payment of the appropriate fee. The University will issue official copies to another college, employer, institution, or agency only at the student's request. Students and alumni may request copies of their academic records, which will be stamped "Student Copy." One transcript is issued at no charge upon graduation; each additional transcript costs \$15.

Records and Information

AU maintains an accurate academic transcript for each student, including each course in which the student is enrolled, the semester, the grade, and the credit value. Transcripts are available to students upon request. Atlantis University also maintains accurate records of academic advisement, including a copy of all decisions made in each academic advisement conference; records of personal counseling referrals made to students (which are kept confidential unless released by the student); a policy of non-discrimination based on disability, and other federal non-discrimination requirements; and records of placement interviews arranged for the student, as well as a record of employment decisions.

Family Educational Rights and Privacy Act

Atlantis University complies with the Family Educational Rights and Privacy Act of 1974 (FERPA), also known as the Buckley Amendment (Public Law 93-380, Section 438). All student records are confidential.

Career and Placement Services

Placement services are available to students at no charge. Atlantis University assists students in identifying career advancement opportunities in their field of study upon graduation but does not guarantee employment. Graduates of the Spanish- and Portuguese-language programs may encounter employment limitations because most businesses in the United States require fluency in English.

Students are informed of the services available to them and may access placement services by visiting the Office of Student and Career Services, participating in career-readiness events held throughout the year, reading the communications sent weekly to their AU email account, and scheduling one-on-one sessions with placement staff. Students are strongly encouraged to seek career guidance early in their enrollment and to benefit from the Career Services team's visits to the classroom (in-campus or online) each term.

Support Services – Academic Advising

Atlantis University is committed to helping students achieve their academic and professional goals through academic advising. Academic advising services provide students with information, guidance, and access to resources so that they obtain the maximum benefit from their educational experience at Atlantis University. Academic advisement is available from the Academic Department upon the student's request. Students with issues of a personal nature will be referred to local public or private agencies for professional assistance.

During orientation, and before classes start, all students are informed of the services available to them. Students are also informed of all student services through daily, weekly, and monthly communications sent to their AU email account; publications in conspicuous places on the University platform, which every student must access, whether studying in-campus or online; publications on the University website; and notices on campus.

Academic Policies and Standards of Progress

Maximum Number of Students per Class

The maximum number of students per course is 35, to guarantee sufficient time for student/faculty interaction, adequate tutoring, and feedback.

Syllabi

On the first day of class, students receive a copy of the course syllabus, including the course outline and objectives.

Registration

Students will receive a grade or credit only for classes for which they are registered. All students are expected to register for courses by the registration date listed in the academic calendar. Students may pre-register for courses. Only students in good standing, both academically and financially, are eligible to register, and students must receive clearance from both the Academic Department and the Financial Services Department to register for classes. Alternative payment arrangements must be made with the Financial Services Department prior to registration, and the student must confirm that the Financial Services Department has forwarded written notice of those arrangements to the Registrar. Students who fail to follow this procedure will not be considered registered and are not entitled to the University's student services.

Continuous Registration

Upon application to the University, all applicants sign an Enrollment Agreement in which they attest to understanding the requirements of their program of study. This document acknowledges that most programs follow a course sequence and that the student will be continuously enrolled and scheduled through the duration of the program unless the student formally requests a change in enrollment status. Once accepted, applicants are registered in their chosen program of study.

Failure to Register

A student who leaves the University without obtaining a leave of absence, or who fails to register and pay the required tuition or fees for more than one term, must apply for readmission to the University.

Dropping and Withdrawing from Classes and the University

Dropping or Withdrawing from a Class

Dropping a class can affect a student's grades, financial aid awards, and graduation date, and the University will notify the student. Dropping a class before the Add/Drop deadline has no academic consequences.

Add/Drop Period and Deadlines

a. Add/Drop Period

The Add/Drop Period consists of the first seven (7) calendar days of the academic term (**Monday through Sunday of Week 1**), as published in the University's Academic Calendar.

During the Add/Drop Period, students may add or drop courses without incurring financial liability and without the course appearing on their permanent academic record. Students who drop courses during the Add/Drop Period will have applicable tuition and fees reversed in accordance with the University's refund policy.

b. Enrollment After the Add/Drop Period

Students may enroll after the Add/Drop Period has concluded, provided that:

- the course or courses have already begun;
- the student can reasonably complete the remaining academic requirements; and
- the enrollment occurs no later than the end of Week 2 of the academic term.

Students enrolling after the Add/Drop Period do not receive the benefit of the Add/Drop Period and are immediately responsible for the full cost of the semester upon enrollment. Atlantis University does not permit new student enrollment beyond the second week of the academic term.

c. Withdrawal After the Add/Drop Period

Students who withdraw from a course after the Add/Drop Period but before the withdrawal deadline will receive a grade of "W" (Withdrawal) for the course. A "W" counts as attempted credit hours but not as earned

credit hours. Withdrawal from a course does not reduce or eliminate a student's financial obligation to the University, and the Atlantis University refund policy will apply.

d. Final Deadline to Withdraw from a Course

The final deadline to withdraw from a course is **before the last two weeks of the instructional period**.

Students who stop participating in a course after the withdrawal deadline will receive **zeros for all missing assignments** and will earn a final course grade of **A through F** that reflects the cumulative work completed in the course.

Official Start of Classes and Attendance

The official start of the academic term is the first day of the semester as published in the University's Academic Calendar. Students who enroll after the first day of the term will have their official start date recorded as the date of their first academically related activity.

Academically related activity may include, but is not limited to:

- submission of an academic assignment;
- participation in an instructor-led academic discussion;
- completion of a quiz or examination; and
- participation in an instructor-verified academic activity related to the course.

Logging into the University's learning management system without engaging in academically related activity does not constitute attendance.

Students who do not demonstrate academically related activity during the Add/Drop Period will be considered "No-Start" students and will be required to complete a new enrollment agreement and admission documentation reflecting a future start date.

Failure to Withdraw from a Course

Students who stop attending a course and fail to withdraw within the allowable timelines will receive zeros for all missing assignments and will earn a final course grade of A through F commensurate with the accumulated total for all coursework.

Withdrawals from the University

Students withdrawing from the University and seeking tuition refunds must notify the Academic Department in writing of their intention to withdraw, using the Change of Status form. Nonattendance does not reduce or alter a student's financial obligation to the University, and the Atlantis University refund policy will apply. The last day of actual attendance will be used for refund purposes. A student who withdraws from the University before the withdrawal deadline (before the last two weeks of the course) will earn a grade of "WU" (Withdrawn from the University), which will appear on the student's transcript. Students who stop attending after the allowable timelines will receive zeros for all missing assignments and a final course grade of A through F, as described above.

Leave of Absence (LOA)

Students in good standing who have a family or personal emergency, or who have military orders for active service, may take a leave of absence from Atlantis University without having to apply for readmission. The student must submit a written request stating the nature of the emergency and when the student plans to resume classes. The leave may not exceed 180 days in any 12-month period and must be approved by the Registrar. Once the request is approved, the student is considered to be on an approved leave of absence (LOA).

Courses that began before the date of the approved leave of absence will be assigned a grade of Early Drop (ED) or Late Drop (LD). Early Drop (ED) grades are not used in the calculation of the GPA or the completion percentage. Late Drop (LD) grades are used in the calculation of the completion percentage. A student who does not return when scheduled will be withdrawn from the University, and the last day of actual attendance will be used for refund purposes.

Note: A leave of absence may affect a student's grades, financial aid awards, and graduation date, and the University will notify the student.

Class Administration**Attendance Policies**

Attendance is a significant factor in every student's learning process. A student's academic progress can be severely compromised if the student is not in continuous contact with the program's educational structure. Students are expected to attend classes on the assigned day and time. If a student must be absent for any reason, the student should inform the instructor in advance, if possible, to determine how and when the coursework will be made up. There are no charges to make up work.

A. Attendance Policy for Campus Programs

- Eight (8) Week Courses: Students will be automatically withdrawn from a course after 4 unexcused absences (25% of the course length) or 14 consecutive days of non-attendance.
- Four (4) Week Courses: Students will be automatically withdrawn from a course after 3 unexcused absences.
- Students who are withdrawn will receive a grade of "W" (Withdrawal), which does not affect the student's GPA. A "W" counts as attempted credit hours but not as earned credit hours. Nonattendance does not reduce or alter a student's financial obligation to the University, and the Atlantis University refund policy will apply. International students on an F-1 visa are subject to SEVIS attendance requirements.

B. Attendance Policy for Online Programs

Weekly academic engagement is required in all online courses, and failure to demonstrate regular academic engagement may place a student at risk of being withdrawn. Attendance is marked for each day on which a student participates in an academic engagement activity. Academic engagement in an online course includes, but is not limited to:

- attending a synchronous online class session with an opportunity for interaction between the instructor and students;
- submitting an academic assignment;
- taking an assessment or an exam;
- participating in an interactive tutorial, webinar, archived lecture, or other interactive computer-assisted instruction;
- participating in a study group, group project, or online discussion assigned by the instructor; and
- interacting with an instructor about academic matters.

C. Assignment Submissions

All assignments must be submitted through the University's Online Campus.

D. Late Submission Policy

Assignments submitted after the due date are subject to a deduction of 10% of the available points for each day late. No assignment can be accepted for grading after midnight on the final day of class. Technical issues are not valid excuses for late work unless the problem originates with the University's servers. Exceptions to this policy are at the discretion of the instructor.

E. Excused Absences

The University defines an excused absence as a University-sponsored activity that requires students to miss class. Students with excused absences will be given a reasonable opportunity to make up the affected assignment(s) within two weeks of the due date; any pending classwork must be submitted at least 5 days before the last day of class. Faculty will provide discussion questions to address missed participation. Students must complete exams and group assignments on time. Arrangements for proctored assignments must be made by the academic department in conjunction with the course faculty.

Veteran's Attendance Policy

Veteran's Attendance Policy applies only for Veteran students enrolled in Diploma Programs (clock hour programs), and it does not apply for Veteran students enrolled in degree programs.

Early departures, class cuts, tardies, etc., for any portion of a class period, will be counted as 1 (one) absence.

Students exceeding 20% total absences in a calendar month will be terminated from their VA benefits for unsatisfactory attendance.

In order to show that the cause of unsatisfactory attendance has been removed, students must show good attendance for one calendar month after being terminated for unsatisfactory attendance. After such time, the student may be recertified for VA education benefits.

The student's attendance record will be retained in the veteran's file for USDVA and SAA audit purposes.

Grading Scale

Atlantis University's grading scale and academic standards are based on the following grade-point equivalents:

Letter Grade	Numeric Grade	Grade Points
A	90-100	4.0
B	80-89	3.0
C	70-79	2.0
D	60-69	1.0
F	Below 60	0.0
Letter Grade	Description	Grade Points
I	Incomplete	N/A
W	Withdrew from course	N/A
WU	Withdrew from the University	N/A

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Incomplete Grades (Make-up)

Students become eligible to request an incomplete grade if the following requirements have been met during the last week of the course:

- They are experiencing a physical and/or extreme circumstance that prevent them from completing the assignments by the scheduled end of the course. Documentation must be provided to confirm the circumstance(s);
- They are passing the course at the last week of the class;
- They have no outstanding Incompletes; and
- Their course fees and tuition are paid in full.
- Incompletes are not intended for students who have fallen behind in their studies and request an extension past the last day of class solely to submit materials.
- Even if the student is eligible for an Incomplete, the decision to grant the Incomplete contract lies solely with the instructor. If the instructor grants an incomplete, the following must happen:
- By the end of the course, the instructor and the student must complete the Incomplete Contract Form, which is created by the instructor and lists all eligible assignments to be completed by the student and the deadline date(s).
- When submitting final grades for the course, the instructor must enter a grade of "I" and send a copy of the Incomplete Contract Form to the Office of Academic Records.
- The student must submit all assignments within two weeks of the last day of the course.

- Within three weeks of the last day of the course, the instructor must submit a final grade for the student, or the grade of “I” will be changed to a failing grade.
- A course failure may affect your grades, your financial aid awards, your graduation date, and the school will notify you.

Standards of Academic Progress Policy (SAP Policy)

Students are expected to meet specific standards of satisfactory academic progress while working toward a diploma or degree at Atlantis University. Students will be evaluated for academic progress at the end of each semester– which is a period of 16 weeks (4 terms) calculated from the student’s Start Date.

There are three criteria a student must satisfy in order to be viewed as making Satisfactory Academic Progress. The satisfactory academic progress policy measures the following:

- Qualitative Measure (Cumulative GPA): Undergraduate students must maintain a cumulative grade point average of 2.0 or higher, Graduate students must maintain a cumulative grade point average of 3.0 for all credit hours attempted to remain compliant with SAP Policy. This amounts to a “C” average for undergraduate student sand a “B” average for graduate students. The grade of “W” has no effect on the student’s cumulative grade point average.
- Quantitative Measure (Credit Hour Progression): Students must complete at least 67% of credit hours attempted each semester to remain compliant with SAP Policy. Credit hour progression will be based on a cumulative total of attempted hours to earned hours. For example, a student enrolls for 12 semester credit hours the student is required to successfully complete a minimum of 8 semester credit hours ($12 \times 67\% = 8$) for the term.
- Timeframe (Attempted Credit Thresholds) or Maximum Timeframe to Complete (150%)

The maximum allowable timeframe for receiving aid is equal to 150% of the length of the program. For a credit hour program, the credit hours attempted cannot exceed 1.5 times the credit hours required to complete the program. The student will be withdrawn once it is determined that he/she has exceeded the allowable maximum time frame.

For transfer students, accepted transfer coursework will be counted in the maximum timeframe. Students can repeat a course, but the credits will also be applied toward the maximum timeframe.

Remedial coursework, if required, will not be counted toward the student’s maximum timeframe (up to 30 credits).

Students will become ineligible for aid due to violation of the maximum timeframe criteria if they have an attempted credit total in their current level which exceeds their maximum timeframe, or if they are unable to meet SAP standards within their maximum timeframe.

SAP Terminology

“Attempted” means all credit hours for which a student is enrolled and has attended after the drop/add date for class enrollment.

Successful completion of a course is defined as a passing grade. Grades of “W” (withdrawn) and “F” (failing) are not considered successful completion. A grade of “I” (incomplete) is not considered to be successful completion until the course has been completed and the new grade has been officially received and recorded within a maximum timeframe of one (1) term.

Students who drop a course prior to the allowable deadline will earn a grade of W for the course. A “W” will be counted as attempted credit hours but will not count as earned credit hours. Nonattendance does not reduce or alter a student’s financial obligation to the university. Atlantis University refund policy will apply.

The allowable deadline for students to drop a course is prior to the last two weeks of the end of the course. If students discontinue their course enrollment beyond the allowable timelines, they will receive zeroes for all missing assignment, and will earn a final course grade of A through F that is commensurate with the accumulated total for all course work.

An Incomplete “I” is a temporary grade which may be given at the instructor’s discretion to a student when illness, necessary absence, or other reasons beyond the control of the student prevent completion of course requirements by the end of the academic term. Students will have two weeks from the term’s end date to complete course work. Otherwise, the grade will convert to a failing grade.

Pass/fail grades count as both attempted and completed hours.

Transfer credits are counted toward the student’s current program count as both attempted and completed hours.

The Institution does not provide for proficiency credits, non-credit courses, and remedial courses, therefore, are not considered part of the students’ satisfactory academic progress.

Repeat coursework

The University allows a student to repeat a failed course. A failed course is a course in which a student received an “F”. The policy does not remove the previous grade and does not eliminate the effect of that grade on the cumulative GPA computation. The repeated course will be included in the attempted credit hours in calculating maximum timeframe to complete the course.

Academic Standards for Degree and Diploma Candidates

All students in Undergraduate Degree and/or in Diploma programs at the university should maintain at a minimum, a grade-point average of 2.0 (“C”) to receive credit. Students in Graduate Degree programs should maintain at a minimum, a grade-point average of 3.0 to receive credit. Successful course completion requires that all courses be successfully completed in order to graduate.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Standards of Academic Progress for VA Students

Students receiving VA educational benefits must maintain a minimum cumulative grade point average (CGPA) of 2.00 each semester.

A VA student whose CGPA falls below 2.00 at the end of any semester will be placed on academic probation for a maximum of two consecutive terms of enrollment. If the VA student’s CGPA is still below

2.00 at the end of the second consecutive term of probation, the student’s VA educational benefits will be terminated.

A VA student terminated from VA educational benefits due to unsatisfactory progress may petition the school to be recertified after attaining a CGPA of 2.00.

Categories of Academic Progress

1. **Financial Aid (SAP) Warning** - A student will be placed on SAP Warning at the end of a semester for which the satisfactory academic progress standards outlined above have not been met. This status is only available for students making satisfactory academic progress in the prior semester. A financial aid warning is valid for one semester and allows the student to remain eligible for Title IV (financial aid) funds for one semester. If after one semester the student is again meeting satisfactory academic progress, the student will be removed from SAP warning.
2. **Financial Aid (SAP) Probation** - A student will be placed on academic probation for not meeting the standards outlined above for a second payment period. A student placed on academic probation is ineligible for Title IV (financial aid) funds unless a successful appeal is filed with the school director. The student appeal must include the reasons for which the student failed to meet SAP and what has changed that will allow the student to make SAP at the next evaluation. If the appeal is approved, the student will be allowed to remain on probation until the next payment period and regain eligibility for Title IV (financial aid) funds. As a result of a successful appeal, the student will be placed on an academic plan designed by an instructor that must be followed. The academic plan will outline grade

and course requirements that will allow the student to successfully meet SAP. Under an academic plan, a student's progress will be monitored at the end of each semester in order to ensure that the student is progressing according to the requirements of the plan.

If the student is meeting the requirements of the academic plan, the student is eligible to receive Title IV aid as long as the student continues to meet those requirements and is reviewed according to the requirements specified in the plan. If after one semester, the student is again meeting satisfactory academic progress, the student will be removed from SAP probation.

3. **Academic Suspension** - A student will be placed on suspension for not meeting the academic standards outlined above after a semester of probation and lose eligibility for Title IV (financial aid) funds as a result.

SAP Dismissal - When a student on Financial Aid Probation fails to achieve acceptable standards of Satisfactory Academic Progress prior to the next SAP report, the student will no longer be eligible for financial aid but will have the option of making cash payments to continue as an extended enrollment student. If the student decides not to make cash payments, they will be placed on SAP Dismissal and will automatically be dismissed from the program. All credits attempted as an extended enrollment student will still count toward the 150% maximum time frame allowed for program completion.

SAP Appeal

A student whose financial eligibility has been terminated may apply for reinstatement on a probationary basis by submitting an SAP Appeal form to the Office of Financial Aid. In the form the student must indicate the criteria he/she is not meeting: CGPA, Pace, Timeframe. SAP Appeals may be considered in extenuating circumstances only, including death of a relative, personal injury, illness, physical disability, first semester at AU, other.

In all instances, the appeal must be substantiated by relevant supporting documentation and a copy of the academic improvement plan (when the criteria not being met is CGPA). Appeal results will be determined and communicated to the student via email within approximately 20 business days after the appeal is received. If FA eligibility is reinstated, aid will be awarded based on funds availability at the time of reinstatement.

Students whose appeal is denied, may submit an appeal for a future term if they appear to be able to meet SAP standards within their maximum timeframe.

Conditions for Reinstatement

To be reinstated as a regular student after financial aid eligibility has been terminated, a student must retake previously failed courses so that the recalculated cumulated grade point average and maximum time frame levels meet or exceed the minimum requirements. Financial aid eligibility resumes only after student returns to satisfactory recalculated qualitative and quantitative standards.

Changes Made by Institution

The University reserves the right to make changes as required in course offerings, curricula, academic policies, and other rules and regulations affecting students, to be effective whenever determined by the University. It also reserves the right to modify or discontinue any of the services, programs described in the catalog or on the website. These changes will govern current and formerly enrolled students. Enrollment of all students is subject to this condition. Students and applicants will be notified about any changes made by the institution by affixing the change to the catalog and notifying students via its communication channels.

Graduation Requirements

In order to be awarded a degree, a graduate certificate, or diploma at Atlantis University, students must:

- Successfully complete a program of study of 30 to 45 graduate level semester credit hours for Master's degrees (depending on the required credit hours for the program), 123 semester credit hours for Bachelor of Science degrees, and 60 semester credit hours for Associate of Science Degrees.
- Complete undergraduate degree requirements with a cumulative GPA of 2.0 or higher, or for graduate degree programs, complete requirements with a cumulative GPA of 3.0.

- For undergraduate degrees, complete at a minimum 25% of an undergraduate program at Atlantis University. For graduate degrees, complete at a minimum 90% of the program at Atlantis University.
- Complete all financial obligations with the institution and all required exit paperwork.

Note: In graduate programs, a grade of D is not a passing grade. It carries 1.0 quality point per credit hour and counts in the cumulative GPA, but it earns no credit toward graduation. Students who earn a grade of D or lower must retake the course.

Students meeting graduation requirements will be awarded the degree, graduate certificate, or diploma corresponding to their program of study.

Only those students who have completed all degree requirements are allowed to participate in the commencement exercises. Students will not be issued a degree or transcript of their records until all debts and obligations owed to the University have been satisfied. Students will not be issued a degree unless they are in good standing according to University policies and regulations. The student must not be on disciplinary probation.

Note: Taking a Leave of Absence, withdrawing from a course or failing a course may have an impact on a student's expected graduation date. The student will be notified by the school of any changes.

General Information

Student Conduct

Students are expected to conduct themselves in accordance with the university's goals as an educational institution. This means that students should treat all members of the university community with courtesy, and their behavior should reflect the basic principles of respect for persons and property. In order to maintain a learning environment that is safe and inviting for every member of the university community, instructors may, with the approval of the Academic Director, exclude from class any student who exhibits unbecoming conduct. Improper conduct includes, but is not limited to:

1. Non-compliance with rules and regulations.
2. Conduct that reflects unfavorably upon the school or its students.
3. Unsatisfactory academic progress.
4. Excessive absences or tardiness.
5. Failure to pay fees when due.
6. Cheating.
7. Falsifying records.
8. Breach of institution enrollment agreement.
9. Failure to abide by the rules and regulations of clinical sites.
10. Entering the institution while under the influence or effects of alcohol, drugs, or narcotics of any kind.
11. Carrying a concealed or potentially dangerous weapon.
12. Sexual harassment.
13. Harassment of any kind including intimidation and discrimination.
14. Non-compliance with Atlantis University Safety in Public Spaces (Bathrooms and /Changing Rooms) Policy

Student Obligations

Should a student in any university program fail to meet his or her obligations with respect to all tuition, fees and charges when due, or fail to make satisfactory payment arrangements with the Business Office with regard to tuition, fees and charges, or the repayment of loans, the college may bar a student's registration, refuse admittance to classrooms, restrict library privileges or withhold certificates and diplomas, until such obligations are met. Violations of the student's code of conduct may result in the student losing scholarship awards, and/or termination and dismissal from the academic program and the University. Continued failure to meet student obligations may result in suspension from the university. Should the students fail to return library materials when due, they will be responsible for fines and charges, which are posted in the library. Further, if students fail to meet their library obligations, Atlantis University reserves the right to bar registration and withhold certificates and diplomas to which students would otherwise be entitled.

Hazing Policy – Florida Statute 1006.63

Atlantis University complies with Florida State Law prohibiting hazing. The definition of "hazing" means any action or situation that recklessly or intentionally endangers the mental or physical health or safety of a student for the purpose of initiation or admission into or affiliation with any organization operating under the sanction of a postsecondary institution. Such term includes, but is not limited to, any brutality of a physical nature, such as whipping, beating, branding, forced calisthenics, exposure to the elements, forced consumption of any food, liquor, drug, or other substance, or other forced physical activity which could adversely affect the physical health or safety of the student, and also includes any activity which would subject the student to extreme mental stress, such as sleep deprivation, forced exclusion from social contact, forced conduct which could result in extreme embarrassment, or other forced activity that could adversely affect the mental health or dignity of the student. Hazing is not allowed even with student consent. Any individual student or group of students found

guilty of such violation will receive disciplinary probation, suspension, dismissal, expulsion or any combination of such penalties, depending upon the circumstances and the severity of the individual case.

After it has been determined that a student or employee of Atlantis University has participated in disruptive activities, the following penalties may be imposed against such person:

- (a) Immediate termination of contract of such employee;
- (b) Immediate expulsion of such student from the institution of higher learning for a minimum of 2 years.

It shall be considered a violation of this policy for any Atlantis University employee, faculty member, or student to abuse another through harassing conduct or communication. Whenever such misconduct exists, the supervisor or other appropriate person is required to take prompt and corrective action consistent with the discipline provisions of the appropriate policy.

Americans with Disabilities Act (ADA)

Atlantis University maintains compliance with the Americans with Disabilities Act by making reasonable accommodation within the scope of compliance of the ADA. Its facilities are outfitted with restroom equipment for the physically disabled, and handicapped parking is available on campus. Requests for additional reasonable accommodations can be made to the Academic Director.

Non-Discrimination Policy

In accordance with Title IX of the Education Amendments of 1972, “Atlantis University admits students of any race, color, sex, nationality or ethnic origin, to all the programs, and all activities that are made available to the students. Furthermore, the University does not discriminate on the basis of race, color, sex, national or ethnic origin, sexual orientation in its admission policies, administration, scholarship, tutoring, job placement and other school programs.” Regarding individuals with disabilities, the University ensures that students with disabilities have equal access to facilities and program participation as described in Section 504 and 508 of the Rehabilitation Act of 1973 and in compliance with the Americans with Disabilities Act Amendments Act of 2008 (ADAAA).

Sexual Harassment Policy

Sexual harassment is unlawful and is unacceptable behavior at Atlantis University. It is unlawful to retaliate against an employee or student for filing a complaint of sexual harassment or for cooperating in an investigation of such a complaint. As part of the University’s overall nondiscrimination policy, the University prohibits all forms of harassment of others because of race, color, religion, gender, age, national origin, ancestry, sexual orientation, physical or mental handicap, veteran or other protected status. In particular, an atmosphere of tension created by inappropriate sexual advances of any kind, discriminatory remarks or discriminatory animosity does not belong at the University and will not be tolerated. Full descriptions of the University’s sexual harassment policy are available from the Director of Student Services.

Safety in Public Spaces (Bathrooms and/Changing Rooms) Policy

Florida Statute 553.865 and Chapter 6E, Florida Administrative Code (Commission for Independent Education Rules) require that all public and private educational institutions within the State of Florida must comply with all applicable requirements of s. 553.865, F.S., pertaining to the use of restrooms and changing facilities by males or females based on biological sex at birth.

Therefore, all Atlantis University staff, faculty and students must use the appropriate restrooms, male or female, based on their biological sex at birth. Violations of this policy will lead to disciplinary action up to including terminations of employment for staff and faculty and termination from the school for students for repeat offenders. Atlantis University Grievance procedures will be followed for all violations. Note: In Accordance with Florida Statute 553.865 and Chapter 6E, Florida Administrative Code, all students, administrative personnel, instructional personnel, security personnel and law enforcement personnel have the right to file a complaint with the Attorney General alleging that Atlantis University has failed to meet the minimum requirements for restrooms and changing facilities under ss. 553.865(4) and (5), F.S. Complaints.

A copy of the full policy can be requested from the Compliance office.

Atlantis University Emergency Management Plan

Atlantis University's Emergency Management Plan provides the AU Community with the university's responses to various emergency situations that may arise. The plan can be accessed via the AU website at: <https://atlantisuniversity.edu/our-policies/>. If you wish a hard copy of the Plan, please contact Ken Kistner in Compliance at ken.kistner@atlantisuniversity.edu.

Grievance Procedures

Grievance procedures are provided for students who believe that they have been unlawfully discriminated against, unfairly treated, or harassed in any way. Academic grievances relate to a complaint about a course, program of study, or grade. Students are expected to address any disagreements or conflict directly with the individual involved in person with a written document outlining the complaint and communication. After this, if there is no satisfactory resolution, the student may set an appointment by phone to see the institution director. All communications regarding the complaint must be in writing and all meetings and communications will be documented in the student file. Every attempt at a satisfactory resolution will be made. Atlantis University strives to ensure fair and equal treatment for all of its students. For this reason, it insists that full attention be given to any grievance a student may have.

Students who have grievances should address them to the Academic Department or the Student Services Dept. who will give guidance and provide the student with information and direction for pursuing a resolution. Students who are unsure how to utilize the grievance procedures or are uncomfortable addressing issues with the appropriate person should contact Carol Palacios - Compliance Officer at carol.palacios@atlantisuniversity.edu

- Complaints against students or university employees shall first be directed to the individual.
- Complaints must be made within six months of the problem.
- All students are urged to discuss openly and frankly their school-related concern, problems or questions with their teachers. Effective two-way communication between teacher and student has always served the best interests of both. Many problems can be resolved in this way. For this reason, all teachers are expected to listen carefully to the student, consider the problem and try to resolve it through direct conversation.
- If the student is not satisfied with this solution, he/she may write to the Academic Director, explaining the problem in detail. The Academic Director will review this letter carefully together with the Students Services staff. The Academic Director will arrange a meeting with the student to further understand the situation. Within 10 working days, the Academic Director will reply in writing to the student, stating the resolution of the matter.
- If the student is still not satisfied with this solution, he/she may write a letter to the President of the University, stating the problem in detail and the steps that were taken to alleviate it. The decision of the President is final, and the student should receive a letter explaining that decision within 15 working days.
- All communications must be in writing and on file.
- Students who feel a complaint or grievance is unresolved, after exhausting the institution's grievance procedure, may refer their grievance to:

Executive Director, Commission for Independent Education, 325 West Gaines Street #1414, Tallahassee, FL 32399-0400, (850)245-3200 or toll free (888)224-6684.

- In addition, students may also contact the Accrediting Commission of Career Schools and Colleges as shown below.

Student Complaint Procedure

Schools accredited by the Accrediting Commission of Career Schools and Colleges must have a procedure and operational plan for handling student complaints. If a student does not feel that the school has adequately addressed a complaint or concern, the student may consider contacting the Accrediting Commission.

All complaints reviewed by the Commission must be in written form and should grant permission for the Commission to forward a copy of the complaint to the school for a response. This can be accomplished by filing the ACCSC Complaint Form. The complainant(s) will be kept informed as to the status of the complaint as well as the final resolution by the Commission. Please direct all inquiries to:

Accrediting Commission of Career Schools and Colleges
2101 Wilson Boulevard, Suite 302
Arlington, VA 22201
(703) 247-4212

www.accsc.org | complaints@accsc.org

A copy of the ACCSC Complaint Form is available at the school and may be obtained by contacting complaints@accsc.org or at <https://www.accsc.org/Student-Corner/Complaints.aspx>. In addition, you may contact Carol Palacios- Compliance Officer at carol.palacios@atlantisuniversity.edu.

- In addition, students may also contact the FL-Florida Sara Council at flsarainfo@fldoe.org. The FL-SARA Council complaint process applies to non-Florida residents who reside in a state that participates in the Unified State Authorization Reciprocity Agreement (“SARA”). Information about whether a state or other jurisdiction participates in SARA can be found at <https://nc-sara.org/directory>. The following states and jurisdictions are currently participating in SARA: Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virgin Islands, Virginia, Washington, West Virginia, Wisconsin, Wyoming. (For more information, please refer to the SARA Complaint Review Policy).
- California residents in distance education programs may file a complaint with the California Bureau for Private Postsecondary Education by calling toll-free (888) 370-7589 or on-line: <https://www.bppe.ca.gov/enforcement/complaint.shtml>. In addition, the California Bureau can be contacted at (916) 574-8900 (telephone), (916) 263-1897 (fax) or via mail at P.O. Box 980818 West Sacramento, CA 95798-0818.

Drug-Free Learning and Working Environment

The unlawful possession, use, distribution, dispensation or manufacture of a controlled substance, including both illegal drugs and unauthorized use of alcohol or prescription drugs, is prohibited anywhere on the premises of Atlantis University. Violations of this policy will result in disciplinary procedures and/or criminal prosecution under state and federal laws.

Students or employees who are concerned about substance abuse are encouraged to consult with the Director of Student Services for confidential advice on resources available.

Academic Integrity

Honesty and integrity are core human values. Atlantis University administration and faculty expect that each individual understands and takes responsibility for these values, for they are central to every aspect of student life, especially research, papers, coursework and examinations. Academic integrity is the responsibility of every student who registers at the University, undergraduate and graduate alike. Dishonesty diminishes the quality of scholarship and deceives all those who depend on the integrity of the University’s academic programs.

Students should be particularly careful not to compromise their academic integrity regarding examination behavior, fabrication and plagiarism.

The use of any external assistance during an examination will be considered academically dishonest unless expressly authorized by the instructor. Inappropriate examination behavior includes, but is not limited to, communicating with another student in any way during an exam, copying material from another student's examination, allowing another student to copy from one's examination paper and using unauthorized notes or other unauthorized materials.

Furthermore, any intentional falsification or invention of data or citation in an academic exercise will be considered a violation of academic integrity. Fabrication includes, but is not limited to, inventing or altering research for a research project or field project, and resubmitting returned and corrected academic work without the full knowledge and approval of the instructor. Plagiarism consists of appropriating and passing another's ideas or words off as one's own. When using another's words or ideas, students must acknowledge the original source through recognized referencing practices. Students who are unsure whether or not a citation is necessary, or what sort of citation is appropriate, should consult with their advisor or course instructor. Use of another's ideas or words must be properly acknowledged as follows:

- Direct quotations must be acknowledged by footnote citation and by either quotation marks or other appropriate designation.
- When another's ideas are borrowed in whole or in part and restated in the student's own words, proper acknowledgment must, nonetheless, be made.
- A footnote or proper internal citation must follow the paraphrased material.

Other forms of academic dishonesty include, but are not limited to, the submission of another's paper as one's own work, the use of a paper or essay to fulfill requirements in more than one class without both instructor's knowledge and expressed permission, and the acquisition of a copy of an examination in advance without the knowledge and consent of the instructor.

Courses of Action

Students who have acted dishonestly or breached the code of Academic Integrity or other University student conduct policies may be subject to academic penalties, administrative review and/or dismissal from their academic programs, pending the decisions of the instructor and the director of the program. Students may appeal these decisions as outlined in the Grievance Procedure. It is University policy that suspensions, probations and dismissals be listed on academic transcripts.

Any student dismissed from the University, for violations of academic integrity, policy or rule of conduct may apply for readmission. In evaluating this reapplication, the Admissions staff will consult with the committee that originally made the decision to dismiss.

Academic Freedom

Atlantis University is dedicated to maintaining a climate of academic freedom encouraging the sharing and cultivation of a wide variety of viewpoints. Academic freedom encompasses the freedom to study, teach, and express ideas, including unpopular or controversial ones, without censorship or political restraint. Academic freedom, rather than being a license to do or say whatever one wishes, requires professional competence, open inquiry and rigorous attention to the pursuit of truth.

Academic Calendar 2026 and 2027
Academic Calendar 2026
WINTER Semester 2026 (16 weeks)

January 12 – May 3, 2026	Winter Semester 2026
January 12 – February 8, 2026	Winter 2026 Term A (W26-A)
January 19, 2026	MLK, Jr. Day
February 9 – March 8, 2026	Winter 2026 Term B (W26-B)
February 16, 2026	President's Day
March 9 – April 5, 2026	Winter 2026 Term C (W26-C)
April 6 – May 3, 2026	Winter 2026 Term D (W26-D)
May 4 - May 10, 2026	Semester Break – No Classes/Planning & Assessment Week

SUMMER Semester 2026 (16 weeks)

May 11 – August 30, 2026	Summer Semester 2026
May 11 – June 7, 2026	Summer 2026 Term A (S26-A)
May 25, 2026	Memorial Day
June 8 – July 5, 2026	Summer 2026 Term B (S26-B)
July 6 – August 2, 2026	Summer 2026 Term C (S26-C)
July 3, 2026	Independence Day - Observed
July 4, 2026	Independence Day
August 3 – August 30, 2026	Summer 2026 Term D (S26-D)

FALL Semester 2026 (16 weeks)

August 31, – Dec. 20, 2026	Fall Semester 2026
August 31– September 27, 2026	Fall 2026 Term A (F26-A)
September 7, 2026	Labor Day
Sept. 28 – October 25, 2026	Fall 2026 Term B (F26-B)
October 26 – Nov. 22, 2026	Fall 2026 Term C (F26-C)
Nov. 23 – December 20, 2026	Fall 2026 Term D (F26-D)
Nov. 26 – 27, 2026	Thanksgiving Break
Dec. 21, 2026 – Jan. 10, 2027	Holiday Break

Academic Calendar 2027

WINTER Semester 2027 (16 weeks)

January 11 – May 2, 2027	Winter Semester 2027
January 11 – February 7, 2027	Winter 2027 Term A (W27-A)
January 18, 2027	MLK, Jr. Day
February 8 – March 7, 2027	Winter 2027 Term B (W27-B)
February 15, 2027	President's Day
March 8 – April 4, 2027	Winter 2027 Term C (W27-C)
April 5 – May 2, 2027	Winter 2027 Term D (W27-D)
May 3 - May 9, 2027	Semester Break – No Classes/Planning & Assessment Week

SUMMER Semester 2027 (16 weeks)

May 10 – August 29, 2027	Summer Semester 2027
May 10 – June 6, 2027	Summer 2027 Term A (S27-A)
May 31, 2027	Memorial Day
June 7 – July 4, 2027	Summer 2027 Term B (S27-B)
July 5 – August 1, 2027	Summer 2027 Term C (S27-C)
July 5, 2027	Independence Day - Observed
August 2 – August 29, 2027	Summer 2027 Term D (S27-D)

FALL Semester 2027 (16 weeks)

August 30 – Dec. 19, 2027	Fall Semester 2027
August 30– September 26, 2027	Fall 2027 Term A (F27-A)
September 6, 2027	Labor Day
Sept. 27 – October 24, 2027	Fall 2027 Term B (F27-B)
October 25 – Nov. 21, 2027	Fall 2027 Term C (F27-C)
Nov. 22 – December 19, 2027	Fall 2027 Term D (F27-D)
Nov. 25 – 26, 2027	Thanksgiving Break
Dec. 20, 2027 – Jan. 9, 2028	Holiday Break

Hours of Operation

Atlantis University's hours of operation are Monday through Friday, 8:00 a.m. to 10:00 p.m., except during the national holidays indicated in the Academic Calendar.

Class Schedules

Day Schedule:	Monday through Friday, 9:00 a.m. – 5:30 p.m.
Evening Schedule:	Monday through Friday, 6:00 p.m. – 10:00 p.m.
Distance Learning:	Online classes are available 24 hours a day, 7 days a week.

Note: All students receive a 10-minute break for each class hour of instruction.

Orientation

Students who enroll in degree level programs may have to wait until the next semester start date to begin classes. For that reason, they are strongly advised to complete an open-enrollment Orientation course. During this course, students learn study skills, develop employment, life skills, and work ethic, learn more about their field of interest, and have the opportunity to develop friendships with other students.

Calendar for Master Degree Programs

Master Degree Programs are offered continuously. Therefore, registration for these Programs is available on a continuous year-round basis. Students can get information about the Master Degree Programs starting dates through the University's Student Services office or at the information desk.

Calendar for Diploma Programs

Diploma Programs are offered continuously. Therefore, registration for these Programs is available on a continuous year-round basis. Students can get information about the Programs' starting dates through the University's Student Services Office or at the information desk.

Financial Services

The Financial Aid Department at Atlantis University provides assistance to students who need financial aid in order to pay tuition expenses at the University. The Financial Aid Department at AU has established procedures which assure a fair and consistent treatment of all University applicants. When applying at Atlantis University, the primary responsibility for educational costs rests with the student and his/her family. However, financial aid is available to meet the difference between a student's resources and his/her actual needs. Atlantis University examines the total costs associated with attending the University including: tuition and fees, room and board, books and learning resources, personal expenses and allowable travel expenses.

Atlantis University uses the FAFSA - Free Application for Federal Student Aid to document and collect information used in determining a student's eligibility for financial aid. The information the student supplies on the FAFSA is confidential.

The United States Department of Education has determined that Atlantis University is an institution eligible to participate in Federal Title IV financial aid programs. Atlantis University maintains a Director of Financial Aid to meet student needs. Students are encouraged to make appointments with a FA Director to ensure that they obtain the required funding for their college investment.

Grants, Loans and Scholarships

Atlantis University has the following institutional and Federal aid programs available to students who qualify (subject to availability of funds). The amount of aid a student receives at Atlantis University is based on cost of attendance, Expected Family Contribution (EFC), enrollment status and length of attendance within an academic year:

Grants

The main criterion for receiving grants is substantial financial need. Grants do not have to be repaid unless a student becomes ineligible. Students must maintain satisfactory academic progress as defined in the Atlantis University Satisfactory Academic Progress Policy.

Federal Pell Grant – is a federal grant awarded to students on the basis of financial need and does not have to be repaid. These grants are considered the foundation of federal financial aid, to which aid from other federal and non-federal sources might be added. Pell Grants are only awarded to undergraduate students who have not yet earned a bachelor's or a professional degree. In order to apply for a Pell Grant, students must complete a Free Application for Federal Student Aid (FAFSA). The U.S. Department of Education uses a standard formula to evaluate the financial information provided on this application to determine a student's eligibility for a Pell Grant. Award amounts vary based on a student's financial need; an institution's cost of attendance and enrollment status.

Federal Supplemental Educational Opportunity Grant (FSEOG) – is a federal grant awarded to undergraduate students with exceptional financial need and does not have to be repaid. Funds are limited and Federal Pell Grant recipients receive priority. Students do not need to apply for this grant.

Loans

Atlantis University participates in the federal student loan program which allows students and their parents to borrow money to help meet their educational costs. Educational loans **MUST BE PAID BACK** with interest. These loans have low interest rates and offer flexible repayment terms, benefits, and options.

The William D. Ford Federal Direct Loan Program – Atlantis University was selected by the United States Department of Education to participate in the Federal Direct Student Loan Program as one of its initial 104 institutions. Direct Loans are low-interest loans and the lender/servicer is the US Department of Education (the Department).

Subsidized Direct Loan - are loans for undergraduate students with financial need. Repayment begins 6 months after a student graduates or is no longer enrolled at least half time.

The interest rate on Federal Direct Subsidized loans for undergraduate students, first disbursed on or after July 1, 2025 and before July 1, 2026 is 6.39%. If a student qualifies, the maximum amount of a Subsidized Stafford Loan is \$3,500 for first-year students, \$4,500 for second-year students and \$5,500 for third-year and fourth-year students.

The interest rate on Federal Direct Subsidized loans for undergraduate students, first disbursed on or after July 1, 2026 and before July 1, 2027 is 6.52%. If a student qualifies, the maximum amount of a Subsidized Stafford Loan is \$3,500 for first-year students, \$4,500 for second-year students and \$5,500 for third-year and fourth-year students.

Unsubsidized Direct Loans - are loans for both undergraduate and graduate students that are not based on financial need. Interest is charged during in-school, deferment, and grace periods.

The interest rate on Federal Direct Unsubsidized loans for undergraduate students first disbursed on or after July 1, 2025 and before July 1, 2026 is 6.39%. and the interest rate for graduate/professional students is 7.94%.

The interest rate on Federal Direct Unsubsidized loans for undergraduate students first disbursed on or after July 1, 2026 and before July 1, 2027 is 6.52%. and the interest rate for graduate/professional students is 8.07%.

You are charged interest on this loan from the time the loan is disbursed until it is paid in full. If the interest is allowed to accumulate, the interest will be added to the principal amount of the loan and increase the amount to be repaid.

If a student qualifies, the maximum amount of an Unsubsidized Stafford Loan is \$5,500 for first-year students, \$6,500 for second-year students, \$7,500 for third- and fourth-year students,

\$20,500 for graduate students. Award amounts are dependent upon a student's dependency status on the Free Application for Federal Student Aid.

Federal Direct PLUS Loan – are low interest loans available to parents of dependent undergraduate students and graduate and professional students. It is an affordable, low-interest loan designed to help students and parents pay for a college education. The Direct Plus Loan is an unsubsidized loan, meaning that interest accrues while the student is enrolled at least half-time and during deferment periods. A mandatory credit check is completed as eligibility for this loan depends upon the borrower's credit worthiness. Repayment of principal and interest begins 60 days after the loan is disbursed.

The interest rate on Federal Direct PLUS loans first disbursed on or after July 1, 2025 and before July 1, 2026 is 8.94%.

The interest rate on Federal Direct PLUS loans first disbursed on or after July 1, 2026 and before July 1, 2027 is 8.94%.

Federal Work Study (FWS) – The Federal Work Study program gives part-time employment to undergraduate students who need income to help meet the costs of postsecondary education. When available, Atlantis University provides part-time jobs for financially needy students through the FWS program. Generally, students work 15-20 hours per week. Part of this program is community service.

Payment Policy

- Atlantis University is a semester-based institution. A student's financial obligation with the university is calculated on a semester basis and is dependent on the amount of credits that a student registers for each semester. It is the student's responsibility to make sure they are administratively clear with the university. This includes making payments by the due dates and having any loan documentation sent by the requested dates.
- Students are charged at the beginning of every semester and are required to make payment of school tuition and fees in full by the first day of the start of each semester. Failure to do so may result in a tuition hold on the student's account and will affect access to university services.
- A student may use Financial Aid, Check, Credit Card, and Private lending to help pay for their education. When choosing a government or private lending option, it is the student's responsibility to make sure that

all requested documentation is properly submitted on time. Failure to do so may result in a tuition hold on the student's account and will affect access to university services.

- Failure to pay or resolve any outstanding balance by the due dates will result in a student status on the University's student system being changed from "Currently Enrolled" to "Tuition Hold". Students on Tuition Hold may have their access to campus classrooms, university portals, online campus, and related services temporarily suspended.
- Students on Tuition Hold will count as Absent during class and will not be able to submit any work, assignments or complete tests during this status. The university's attendance policy for campus and online programs will apply. Students who remain in Tuition Hold status may be administratively Withdrawn from their current class. A "W" will be counted as attempted credit hours but will not count as earned credit hours. Nonattendance does not reduce or alter a student's financial obligation to the university. Atlantis University refund policy will apply.
- Should a student in any university program fail to meet his or her obligations with respect to all tuition, fees and charges when due, or fail to make satisfactory payment arrangements with the Business Office with regard to tuition, fees and charges, or the repayment of loans, the college may bar a student's registration, refuse admittance to classrooms, restrict library privileges or withhold certificates and diplomas, until such obligations are met. Continued failure to meet student obligations may result in suspension from the university. Should the students fail to return library materials when due, they will be responsible for fines and charges, which are posted in the library. Further, if students fail to meet their library obligations, Atlantis University reserves the right to bar registration and withhold certificates and diplomas to which students would otherwise be entitled.

Tuition Hold Policy

- A student will be placed on Tuition Hold if payment due dates are not met.
- Students have a 15-day grace period from the payment due date to resolve outstanding balances. Failure to do so will result in restricted access to specific student services.
- A penalty fee will be applied to the student account once it is placed on Tuition Hold.
- After the outstanding balance is cleared and payment is received, access to all student services will be restored within 24 hours.

This policy is designed to encourage timely payments and ensure continued access to essential university services. Only under extenuating circumstances will a student be able to request an extension.

Payment Plans

- The university may offer payment arrangements for students after they have completed an academic year. Payment arrangements will give students the option of paying 50% of the semester tuition and fees by the first day of the semester and the remaining 50% balance by the middle of the semester.
- Students who are late on their payments will be assessed a 6% late charge on the outstanding semester balance. The university will reserve the right to eliminate payment plan arrangement for student who continue to be late on their payments. The university reserves the right to reduce or revoke any institutional scholarships awarded to students based on late payments.

AU Scholarship Programs

Atlantis University offers scholarships for those who qualify - ranging from academic to financial - available to students who meet and maintain the criteria set by the University to include meeting the University's Code of Conduct. The University does not advertise scholarships. The scholarship amounts shown below are amounts that are subject to change. These amounts are typically disbursed in one installment per semester.

Note: All Atlantis University Institutional Scholarships are on a "First-Come/First-Serve" basis and when, the University during each fiscal year exhausts its annual budgeted institutional scholarship amount, these scholarships will not be available.

The following scholarships are available for all who qualify:

Atlantis University Academic Scholarship and Criteria: Funded by Atlantis University and provided for student applicants who have achieved academic excellence by attaining the cumulative GPA that has been set for undergraduate and graduate degree programs is in good administrative standing.

Atlantis University Financial Hardship Scholarship and Criteria: Funded by Atlantis University and provided for student applicants who have an unmet need and do not receive other scholarships that cover some or all the cost of tuition.

Atlantis University Athletic Scholarship and Criteria: Funded by Atlantis University and provided for student applicants who have a demonstrated athletic talent and are recommended by the Athletic Department for a sport offered by the University, and who meet Standards of Academic Progress, and do not receive other scholarships that cover some or all the cost of tuition.

Exceptional Professional Scholarship and Criteria: Funded by Atlantis University and provided for student applicants who have shown themselves to be resilient, reliable, and an individual with high work standards and ethical conduct.

Atlantis University Returning Graduate or Continuing Student Scholarship and Criteria: Funded by Atlantis University and provided for student applicants who have graduated from one of our programs and are continuing their studies with Atlantis University. Students must have earned a degree at AU.

Exceptional High School Students Scholarship and Criteria: Funded by Atlantis University and provided for student applicants who have an excellent high school academic record and is attending college for the first time.

International Student Scholarship and Criteria: Funded by Atlantis University and provided for international (foreign) students who have their Student Visa/I-20.

Additional Criteria for All Scholarships:

- Students may only qualify for one type of scholarship.
- A completed Scholarship Form is required.
- Amounts may range from \$500 to \$5,000 per semester, or cover the total program costs.
- Full-time status
- Must complete 1 year (2 consecutive semesters)
- Prorated scholarship amount to the number of credits taken per semester.
- Scholarship amounts are tied to the number of credits a student is registered in per semester.
- Scholarship amounts are credited to the student account to cover tuition charges only.
- Graduate Programs: A student may receive a scholarship for a program.

Information and applications for these scholarships are available through the Financial Assistance Department. To further assist students, the school can also provide students with a listing of websites for additional scholarship benefactors. Applicants can contact agencies located in their community for more information.

Tuition and Payment

This section presents the costs of Atlantis University programs in three parts: (1) degree programs, (2) graduate certificates, and (3) diploma programs. The following policies apply to all three.

General Policies

Atlantis University reserves the right to adjust tuition and fees as necessary. Changes in tuition will be published 30 days in advance and posted publicly on campus for all students.

The tuition cost is set by the Enrollment Agreement and will not change as long as the student maintains consecutive enrollment. Any break in enrollment or program change requires a new enrollment agreement, and the student will be subject to current tuition costs.

Students who register after the established registration deadline are subject to a \$100.00 late registration fee. Textbook costs (approximately \$100 per course) are additional and are paid by the students. Students may purchase the textbooks required for each class from local bookstores or online providers.

1. Costs for Degree Programs

Tuition for degree programs is charged by semester, according to the number of credits in which the student is enrolled during the semester.

Fee	Amount
Application fee (one-time)	\$150.00, charged at the beginning of the program
Registration fee	\$50.00 per semester, charged at the beginning of each semester
Tuition – undergraduate	\$450.00 per credit
Tuition – graduate	\$897.00 per credit, unless otherwise specified for a particular program
Semester fee – undergraduate	\$80.00 per credit
Semester fee – graduate	\$223.33 per credit
Graduation fee (one-time)	\$500.00

Semester fees apply to all degree programs, undergraduate and graduate, including distance learning programs, and cover services offered by the University to all enrolled students, including but not limited to technology, lab access, and online platform access and support. Semester fee schedules are calculated on a semester basis and are subject to review and modification.

Examples: an undergraduate student registered for 12 credit hours pays a semester fee of \$960.00 ($\80.00×12). A graduate student registered for 6 credit hours pays a semester fee of \$1,340.00 ($\223.33×6).

2. Costs for Graduate Certificates

Fee	Amount
Application fee (one-time)	\$100.00
Registration fee	\$50.00 per semester
Graduation fee (one-time)	\$350.00

Program	Length	Tuition
Graduate Certificate in Elementary Education	336 clock hours (21 credits)	\$14,205.00
Graduate Certificate in Special Education	336 clock hours (21 credits)	\$14,205.00

3. Costs for Diploma Programs

Fee	Amount
Application fee (one-time)	\$50.00
Registration fee	\$50.00 per semester
Graduation fee (one-time)	\$500.00

Program	Length	Tuition
Office Administrator (Administrative Management)	336 clock hours (21 credits)	\$8,840.00
Network Operations Professional (NOP)	192 clock hours (12 credits)	\$8,840.00
Enterprise Cloud Professional (ECP)	288 clock hours (18 credits)	\$13,260.00
InfoSec Professional (ISP)	240 clock hours (15 credits)	\$13,260.00
Computer Information Technology (CIT)	672 clock hours (42 credits)	\$28,000.00

CareerSource participants: for CareerSource participants, the cost of each diploma program is specific to the program and includes tuition, semester fees, books, certification exam fees, and graduation fees. The one-time application fee of \$50.00 is not included.

Refund Policy

Should a student be terminated or canceled for any reason, all refunds will be made according to the following refund schedule:

1. Cancellation from the program may be in writing or verbally.
2. All tuition fees will be refunded if, prior to the beginning of the program, the applicant is not accepted by the University or if the student cancels within three (3) business days after signing the Enrollment Agreement and making an initial deposit.
3. Cancellation after the third (3rd) business day, but before the first class, will result in a refund of all monies paid, with the exception of the registration fee.
4. For Students enrolled in Degree and/or Graduate Certificate Programs: Courses can be added or dropped from the student's schedule during the first week of the course without penalties. Withdrawal or termination from the program after completion of the first full week of classes will result in no refund, and student will be responsible for the full cost of the semester.
5. For Students enrolled in Diploma Programs: Courses can be added or dropped from the student's schedule during the first week of the course without penalties. Cancellation after attendance has begun, through 40% completion of the program, will result in a Pro Rata refund computed on the number of hours completed to the total program hours. Cancellation after completing more than 40% of the program will result in no refund, and the student will be responsible for the total cost of the program.
6. Books and materials for degree programs are not included in the cost of tuition and are charged separately from the tuition. Upon withdrawal from the school, books and materials are returnable if they are in good "as new" condition within 20 days of withdrawal.
7. The termination date for refund computation purposes is the last date of actual attendance by the student.
8. Refunds will be made within 30 days from the day the school determines the student has dropped. Date of determination will be within 14 days from the last date of attendance from students with five (5) consecutive unexcused absences, or the date the student provides an official notice to the school of their intention to withdraw from the school.

Other Terms and Conditions. A student may be terminated for creating a safety hazard to other students, disobedient or disrespectful behavior to faculty or other students, unsatisfactory academic progress, poor attendance, unprofessional conduct, excessive absence or lateness, failure to pay fees when due, cheating, falsifying records, breach of enrollment agreement, entering the University site while under the influence or effects of alcohol, drugs, or narcotics, of any kind, carrying a concealed or potentially dangerous weapon or sexual harassment or harassment of any kind. Terms of the refund policy will apply. The University will provide its graduates with assistance and job leads upon graduation, but cannot guarantee job placement or employment.

VA Students

The following policies apply to all students receiving VA educational benefits:

Veteran's Attendance Policy for Diploma Programs (Clock Hour Programs)

Veteran's Attendance Policy applies only for Veteran students enrolled in Diploma Programs (clock hour programs), and it does not apply for Veteran students enrolled in degree programs:

Early departures, class cuts, tardies, etc., for any portion of a class period, will be counted as 1 (one) absence. Students exceeding 20% total absences in a calendar month will be terminated from their VA benefits for unsatisfactory attendance.

In order to show that the cause of unsatisfactory attendance has been removed, students must show good attendance for one calendar month after being terminated for unsatisfactory attendance. After such time, the student may be recertified for VA education benefits.

The student's attendance record will be retained in the veteran's file for USDVA and SAA audit purposes.

Standards of Academic Progress for VA Students

Students receiving VA educational benefits must maintain a minimum cumulative grade point average (CGPA) of 2.00 each semester.

A VA student whose CGPA falls below 2.00 at the end of any semester, will be placed on academic probation for a maximum of two consecutive terms of enrollment. If the

VA student's CGPA is still below 2.00 at the end of the second consecutive term of probation, the student's VA educational benefits will be terminated.

A VA student terminated from VA educational benefits due to unsatisfactory progress may petition the school to be recertified after attaining a CGPA of 2.00.

Veteran's Credit for Previous Education or Training

Students must report all education and training. The school must evaluate and grant credit, if appropriate, with the training time shortened, the tuition reduced proportionately, and the VA and student notified.

Veteran's Refund Policy

The refund of the unused portion of tuition, fees, and other charges for veterans or eligible persons who fail to enter a course or withdraw or discontinue prior to completion will be made for all amounts paid which exceed the approximate pro rata portion of the total charges that the length of the completed portion of the course bears to the total length of the course. The proration will be determined on the ratio of the number of days or hours of instruction completed by the student to the total number of instructional days or hours in the course and must be pro rata to the very end.

VA Pending Payment Compliance

In accordance with Title 38 US Code § 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation & Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not:

- Prevent the student's enrollment;
- Assess a late penalty fee to the student;
- Require the student to secure alternative or additional funding;
- Deny the student access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students will be required to:

Provide the enrolling institution with a copy of his/her VA Certification of Eligibility (COE) - A "certificate of eligibility" can also include a "Statement of Benefits" obtained from the U.S. Department of Veterans Affairs' (VA) website; eBenefits; or a VAF 28-1905 form, for chapter 31 authorization purposes.

Additional criteria to qualify for this provision are also required for such students and listed below:

- No Requirements Other Than COE Submissions

California Students

Student Tuition Recovery Fund (STRF) - (California Distance Students)

The following provisions apply to any student who resides in the State of California and enrolls in a distance education program at the Atlantis University.

“The State of California established the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic loss suffered by a student in an educational program at a qualifying institution, who is or was a California resident while enrolled, or was enrolled in a residency program, if the student enrolled in the institution, prepaid tuition, and suffered an economic loss. Unless relieved of the obligation to do so, you must pay the state-imposed assessment for the STRF, or it must be paid on your behalf, if you are a student in an educational program, who is a California resident, or are enrolled in a residency program, and prepay all or part of your tuition.

You are not eligible for protection from the STRF and you are not required to pay the STRF assessment, if you are not a California resident, or are not enrolled in a residency program.

“It is important that you keep copies of your enrollment agreement, financial aid documents, receipts, or any other information that documents the amount paid to the school. Questions regarding the STRF may be directed to the Bureau for Private Postsecondary Education, 1747 North Market Blvd., Suite 225, Sacramento, California, 95834, (916) 574-8900 or (888) 370-7589.

To be eligible for STRF, you must be a California resident or enrolled in a residency program, prepaid tuition, paid or deemed to have paid the STRF assessment, and suffered an economic loss as a result of any of the following:

1. The institution, a location of the institution, or an educational program offered by the institution was closed or discontinued, and you did not choose to participate in a teach-out plan approved by the Bureau or did not complete a chosen teach-out plan approved by the Bureau.
2. You were enrolled at an institution or a location of the institution within the 120-day period before the closure of the institution or location of the institution, or were enrolled in an educational program within the 120-day period before the program was discontinued.
3. You were enrolled at an institution or a location of the institution more than 120 days before the closure of the institution or location of the institution, in an educational program offered by the institution as to which the Bureau determined there was a significant decline in the quality or value of the program more than 120 days before closure.
4. The institution has been ordered to pay a refund by the Bureau but has failed to do so.
5. The institution has failed to pay or reimburse loan proceeds under a federal student loan program as required by law, or has failed to pay or reimburse proceeds received by the institution in excess of tuition and other costs.
6. You have been awarded restitution, a refund, or other monetary award by an arbitrator or court, based on a violation of this chapter by an institution or representative of an institution, but have been unable to collect the award from the institution.
7. You sought legal counsel that resulted in the cancellation of one or more of your student loans and have an invoice for services rendered and evidence of the cancellation of the student loan or loans.

To qualify for STRF reimbursement, the application must be received within four (4) years from the date of the action or event that made the student eligible for recovery from STRF.

A student whose loan is revived by a loan holder or debt collector after a period of non-collection may, at any time, file a written application for recovery from STRF for the debt that would have otherwise been eligible for recovery. If it has been more than four (4) years since the action or event that made the student eligible, the student must have filed a written application for recovery within the original four (4) year period, unless the period has been extended by another act of law. However, no claim can be paid to any student without a social security number or a taxpayer identification number.”

Distance Education / Online Division

Atlantis University understands and supports the educational needs of adult learners and of those who cannot attend in-campus classes, and for this reason it has developed a Distance Education Division. Online classes at Atlantis University are not easy substitutes for in-campus classes; they are as rigorous and as demanding as in-campus classes, and all rules and regulations of the University apply equally to in-campus and online students. One of the many benefits of online classes is the convenience and flexibility of the schedule in which students take their courses; however, attendance is required and is monitored for computing final grades. Online students at Atlantis University receive an orientation course that introduces them to the University's online platform, the tools they will use as they progress in their courses, and the resources available to them. All online students are expected to be computer-literate and familiar with the internet before orientation.

Academic Programs Offered via Distance Education

Several levels of programs are offered through the Online Division at Atlantis University. Expected learning outcomes and completion requirements for these programs are identical to those of the in-campus programs.

School of Business	Master of Science in Business Administration (MS) Master of Science in Real Estate Development Bachelor of Science in Business Administration Bachelor of Science in Sports Management Associate of Science in Business Administration Associate of Science in International Business
School of Information Technology and Engineering	Master of Science in Artificial Intelligence Master of Information Technology (MIT) Master of Science in Cybersecurity Bachelor of Science in Information Technology Associate of Science in Information Technology
School of Health	Master of Science in Healthcare Management
School of Nursing	Master of Science in Nursing Bachelor of Science in Nursing (RN to BSN)
School of Education	Master of Science in Education (with Concentrations) Master of Science in Elementary Education Graduate Certificate in Elementary Education Graduate Certificate in Special Education

Language of Instruction

Programs are taught in English, Spanish, or Portuguese. Class starts vary depending on the language of instruction. Evidence of English proficiency is required if a student's primary language is not English and the student is enrolling in a program taught in English.

Admission to Distance Education Programs

Admission requirements for distance education programs are identical to those for in-campus programs. In addition, students must demonstrate the ability to succeed in an online, web-based educational environment and are expected to be computer-literate and familiar with the internet before enrollment. During the admissions process, an assessment evaluates the student's computer literacy, self-discipline, motivation, and readiness for the requirements of online courses, and an orientation and assessment of the student's computer and internet skills is given before enrollment. Students who score low on this assessment are referred to the Online Academic Director for further review and orientation before starting an academic program via distance education.

Facilities and Equipment

Atlantis University has ample, accessible computer labs with internet access for student use, and provides technical assistance, services, and training through its online platform. Students enrolled in a distance education program must have an internet service provider (a high-speed connection is recommended), a current

web browser, and Adobe Acrobat Reader. Online students receive an institutional email account (@atlantisuniversity.edu) for all academic matters and personal use.

Technical Requirements

Students must have access to equipment that meets the following minimum technical characteristics to use the University's virtual campus:

Component	Minimum requirement
Operating system	Microsoft Windows 10 or higher; macOS, Linux, or Unix (current supported version)
Web browser	Current version of Google Chrome, Microsoft Edge, Mozilla Firefox, or Safari
Internet connection	5 Mbps or faster
Processor and memory	Intel Core i3 or compatible, or higher; 4 GB RAM or higher
Display	1920 × 1080 resolution (minimum)
Audio and ports	Sound card and speakers; USB port

Minimum Technical Competencies

- Use web browsing software correctly.
- Use an office suite (word processing, presentation, and spreadsheet software).
- Be familiar with electronic communication processes and tools (email, chat, and social networks).

Personal Competencies

- **Responsibility:** in the virtual environment, students are responsible for their own learning process.
- **Commitment:** students must be committed to the process, the activities, and their work team in order to have a successful learning experience.
- **Honesty:** plagiarism and other forms of intellectual fraud will not be tolerated in the University's virtual environment. For more information, refer to the University's Copyright and Intellectual Property Policy.
- **Perseverance:** in distance learning, it is essential that students keep up with all assignments by their due dates.

Faculty–Student Interaction

Atlantis University ensures that faculty provide opportunities and means for timely and meaningful interaction with students appropriate to the learning environment. Faculty–student interaction is critical for success, and given the nature of online learning, it becomes increasingly important.

Distance education programs at Atlantis University facilitate faculty–student and student–student interaction through online lectures, email, document sharing, chat rooms, and forums. Faculty members log in daily to assist students with questions and concerns. The University staff and faculty also make other means of contact available, such as telephone, fax, and office visits, and the University encourages collaborative learning activities for both in-campus and online students.

Atlantis University online courses include a variety of interaction activities, most of them forum discussions and debates. Most courses also use a collaborative approach to final projects, so students interact through the online platform, which is always available. Live activities, such as chat and web meetings, are used where the course requires them, for example for online tutoring, live question sessions, and presentations.

Faculty grade students' assignments no later than 7 days after the assignment submission deadline, and respond to students' email and course communications within 48 hours.

Distance Education Services

Students enrolled in distance education programs have access to resources equivalent to those available to students in residential programs. Atlantis University provides in-campus and online students and faculty with access to sufficient and appropriate library collections and other learning and information resources consistent with the programs offered. The University's library holdings and electronic collections adequately support its programs and its in-campus and online student community.

For students enrolled in online courses and programs, Atlantis University is committed to providing effective administrative, advising, and instructional support to achieve a learner-centered environment in its distance

education programs. The Student Services Department ensures that the same student services are available to in-campus and online students, including coping skills, career development, budget and personal financial planning, general development, academic advising, testing, supervision and monitoring of attendance and leaves of absence, and graduate employment assistance. All services are available to online students at any time through the University website, the virtual campus, and social media.

In addition to the regular student services, distance education students have resources adapted to the online learning environment, such as online orientation, online technical assistance, online tutorials, videos, interaction spaces between faculty and students, and a guide to all other student services.

Attendance in Distance Education Courses

Weekly academic engagement is required in all online courses, and failure to demonstrate regular academic engagement may place a student at risk of being withdrawn. Attendance is marked for each day on which a student participates in an academic engagement activity. Academic engagement in an online course includes, but is not limited to:

- attending a synchronous online class session with an opportunity for interaction between the instructor and students;
- submitting an academic assignment;
- taking an assessment or an exam;
- participating in an interactive tutorial, webinar, archived lecture, or other interactive computer-assisted instruction;
- participating in a study group, group project, or online discussion assigned by the instructor; and
- interacting with an instructor about academic matters.

Academic Advising

To ensure effective advising for online learners, academic advisors are available by phone and email from the student's first contact with the institution through admission, enrollment, the course of studies, and graduation, as well as for continuing education advising. Academic advisement is also available from the Academic Director upon the student's request. Students with issues of a personal nature will be referred to local public or private agencies for professional assistance.

Career and Placement Services

Career and placement services are provided to all students through the Career Services section of the AU website, where students can upload their résumés, browse and apply for job openings, receive advising, and read information on how to prepare a résumé and perform successfully in job interviews.

Technical and Instructional Support

For technical support, AU offers a toll-free help line that students can use if they encounter technical problems while taking an online course. The help desk also assists students with the use of the virtual campus and the tools available in every online course. Asynchronous help is provided through AU's virtual campus, where students can reach instructional personnel and resolve specific questions about course activities by posting a message in the questions and concerns forum.

Distance education students have online tutoring available for every course and may reach the instructor or AU's specialized personnel through the questions and concerns forum, where they can also receive tutoring from other students. Online courses also have a set schedule for synchronous tutoring sessions, during which students can chat directly with the instructor and other students.

Faculty and Administration**Administration****Palacios, Omar***Chancellor / President*

- Honorary Doctor, University Alonso de Ojeda, Venezuela
- M.Ed. Master in Higher Education Management, Bogotá, Colombia
- MBA Master of Business Administration, Adolfo Ibáñez School of Management
- Magíster Scientiarum en Planificación y Gerencia, Universidad del Zulia, Venezuela
- Bachelor of Arts in Education, Universidad Pedagógica y Tecnológica de Colombia, Tunja, Colombia

Moreno, Maria Marleny*Chairman of the Board of Directors*

- Master of Arts in Education, Universidad de Los Andes, Bogotá, Colombia
- Bachelor of Arts in Education, Universidad Pedagógica y Tecnológica de Colombia

Palacios, Carol*Chief Executive Officer*

- MBA Master of Business Administration, Adolfo Ibáñez School of Management, Miami, Florida
- Bachelor of Science in Business Administration, University of Missouri, Columbia, Missouri (Major: Management, Minor: French)
- Higher Education Management Diploma, UNIR, Maracaibo, Venezuela

Cruz Torres, Juan Francisco*Vice President / Director of Admissions / AU Veterans Liaison*

- MBA Master of Business Administration, Atlantis University, Miami, Florida
- Master Sergeant, U.S. Marine Corps (Retired)
- Civil Engineering, Northern Virginia Community College, Virginia
- Ingeniería Civil, University of Puerto Rico, Puerto Rico

Palacios, Andy*Director of Operations*

- MBA Master of Business Administration, Columbia University, New York – New York
- MBA Master of Business Administration, Atlantis University, Miami, Florida
- Bachelor of Science in Business Administration, Major: Economics - Smeal College of Business, Minor: International Business - The Pennsylvania State University, State College, Pennsylvania

Palacios, Bianca Giselle*Director of International Studies / Office of International Affairs*

- Doctor in Education (Candidate), Northeastern University, Boston, Massachusetts
- Master of Science in Higher Education Management, Florida International University, Miami, Florida
- Bachelor of Arts in Political Sciences, University of Missouri, Columbia, Missouri

Burt-Stewart, Miya*Dean of Academic Affairs*

- DBA in Business Administration, Major: International Business, Argosy University
- Master of Science in Business Administration, Emphasis: Global Management, University of Phoenix, Phoenix – Arizona
- Bachelor of Arts in Criminal Justice, Governors State University, University Park – Illinois

Saez Mosquera, Inty*Director, School of Information Technology and Engineering / Director of IT and Online Division*

- Doctor in Technical Sciences, Marta Abreu Central University of Las Villas
- Master in Industrial Engineering, Major: Production, Marta Abreu Central University of Las Villas
- Bachelor of Science in Industrial Engineering, Marta Abreu Central University of Las Villas

Inciarte, Mercedes*Director of Academic Planning*

- PhD, Science Education, University Rafael Bellosó Chacín, Venezuela
- Master in Educational Informatics, University Rafael Bellosó Chacín, Venezuela
- Bachelor in Education, Major Pedagogical Sciences, University of Zulia, Venezuela

Lima, Alex*Director of Student and Career Services*

- Master of Science in Telecommunications and Computer Sciences, Technological University of America, Coconut Creek – Florida
- Master of Science in Industrial Engineering, University of Missouri, Columbia – Missouri

Soto, Dixania*Director, School of Nursing / Nurse Administrator*

- Doctor of Nursing Practice, Capella University, Minneapolis – Minnesota
- Master of Science in Nursing, Florida International University, Miami – Florida
- Bachelor of Science in Nursing, Florida International University, Miami – Florida
- Doctor of Medicine, Faculty of Medical Sciences Dr. Zoilo E. Marinello Vidaurreta, Las Tunas – Cuba

Faculty Hiring Criteria

Atlantis University has a policy for maintaining a pool of qualified professors able to teach the courses related to the programs offered. Faculty hiring procedures are based on the joint recognition by all members of the Atlantis University staff that responsibility for selecting faculty from a pool of qualified applicants is shared cooperatively by the faculty, the administration, and the Board of Trustees, who participate effectively in all phases of the hiring process. Hiring procedures for full-time and adjunct faculty are designed to ensure the hiring of faculty who are:

- expert in their subject areas;
- skilled in teaching and serving the needs of a varied student population;
- capable of enhancing Atlantis University's overall educational effectiveness; and
- sensitive to and representative of the ethnic and cultural backgrounds of the student population.

Graduate-level courses require faculty holding doctoral and/or master's degrees in the subject matter and at least four years of relevant work experience in the field (five years when the highest degree is a master's degree). These provisions ensure that Atlantis University graduate courses are taught by professionals with high levels of education and experience. Graduate faculty members are expected to establish and maintain a record of academic distinction, real-world experience, and the ability to work with graduate students. The performance of each member of the graduate faculty is evaluated by the faculty member, the department chair, and the dean during reviews and observations. If the faculty member's scholarship, teaching, or independent work with graduate students does not meet the guidelines or standards established by the department, the faculty member, the chair, and the dean will develop a plan to meet those guidelines or standards. The plan will include the actions to be undertaken by the faculty member, a timeline for those actions, and the support the University will provide for their successful and timely completion. The effectiveness of the plan will be part of the faculty member's next annual performance review.

The faculty member's performance as a member of the graduate faculty should have a substantial impact on the faculty member's annual performance evaluation and on the dean's and chair's recommendations for merit or promotion.

General Guidelines for Hiring Faculty for Master's Degree Programs

- Expertise in the subject area.
- A minimum of four years of related practical work experience in the field (five years when the highest degree is a master's degree specific to the subject matter).
- A terminal degree in the discipline or a related field, or clear evidence of exceptional scholarly achievement that obviates this requirement. Graduate-level degrees are acceptable if all other parameters are met and the degree awarded is specific to the subject matter.
- Preferred: an ongoing record of a variety of scholarly activities.
- Preferred: a minimum of five years of successful graduate teaching and effective individual work with graduate students.
- Preferred: bilingual in English and Spanish.

General Guidelines for Hiring Distance Education Faculty

The criteria for hiring distance education faculty are the same as the criteria for hiring faculty for in-campus programs. In addition, Atlantis University ensures that it employs faculty who have the qualifications and the experience to teach using distance education methods.

Atlantis University hires competent faculty members qualified to accomplish the mission and goals of the University. Faculty members for in-campus and online programs are selected based on their specific academic, industrial, and experiential backgrounds, which enable the University to meet its program objectives. The University also selects candidates who demonstrate proficiency in teaching, appropriate technological skills, and current and accurate knowledge of their discipline. To be considered for a faculty position at Atlantis University, candidates must provide official transcripts, evidence of work and teaching experience, and verifiable references.

Faculty Qualifications by Course Level

The University adheres to the following criteria for faculty teaching both in-campus and online courses:

- **Technical courses in associate and baccalaureate degree programs:** faculty must provide evidence of a minimum of four years of related practical work experience in the subject area taught and possess a related degree at least at the same level as the course being taught.
- **General education courses:** faculty must have, at a minimum, a master's degree with appropriate academic coursework and preparation in the subject area taught.
- **Graduate courses:** faculty must possess a minimum of four years of related practical work experience, an earned doctorate or terminal degree in a related field, and appropriate preparation in the subject area taught. At least 50 percent of the graduate courses in each program are taught by faculty who hold an earned doctorate or other terminal degree in a related field. The remaining graduate courses may be taught by faculty with at least four years of related practical work experience and a master's degree in a related field, or a master's degree in an unrelated field with 18 semester credit hours of graduate education in the subject area taught.
- **Nursing courses:** faculty who teach courses with a nursing prefix (NUR in the RN to BSN; MSN, NUE, and PHN in the MSN) must be registered nurses with an active, unencumbered license in Florida or a multistate license under the Nurse Licensure Compact, and must hold at least a master's degree in nursing, in addition to meeting the requirements above. Human Resources verifies each license at hire and at each renewal.

Faculty Listing**Alvarez, Natali**

- Master of Business Administration with specialization in International Business, Nova Southeastern University, Ft. Lauderdale – Florida
- Bachelor of Business Administration in International Business and Management, Florida International University, Miami – Florida

Andino, Marcel

- PhD in Technical Sciences, Automation and Computers, University of Havana, Cuba

Andre, Sherry

- Master of Arts in Management – St. Thomas University, Miami – Florida

Arosa, Claudia

- Master of Science in Health Informatics and Analytics, Florida International University, Miami – Florida
- Bachelor's Degree in Medical Sciences, Universidad del Valle, Colombia

Baldizon, Leonardo

- Master of Science in Telecommunications and Networking, Florida International University, Miami – Florida
- Master of Science in Cybersecurity, Florida International University, Miami – Florida

Betancourt, Jorge

- Master of Science in Management Science and Operational Research, Coventry – England

Buchanan, John

- Master of Business Administration – Finance, Nova Southeastern University, Fort Lauderdale – Florida
- Bachelor of Science in Business Administration – International Business and Trade, Florida Atlantic University
- Bachelor of Business Administration – Accounting, Florida Atlantic University, Boca Raton – Florida

Burt-Stewart, Miya

- DBA in Business Administration, Major: International Business, Argosy University
- Master of Science in Business Administration, Emphasis: Global Management, University of Phoenix, Phoenix – Arizona
- Bachelor of Arts in Criminal Justice, Governors State University, University Park – Illinois

Canizares, Mayelin

- Doctor of Nursing Practice, Miami Regional University, Miami – Florida
- Master of Science in Nursing (Family Nurse Practitioner), Universidad del Turabo, Ana G. Méndez University System, Puerto Rico
- Bachelor of Science in Nursing, Universidad del Sagrado Corazón, Puerto Rico
- Doctor of Medicine, Instituto Superior de Ciencias Médicas de Villa Clara, Cuba

Carrington, Rashika

- PhD in Adult Leadership and Education, Barry University, Miami – Florida
- Master of Science in Public Administration and Health, Barry University, Miami – Florida
- Bachelor of Science in Healthcare Service Administration and Management, Barry University, Miami – Florida
- AS Nursing, Nursing Degree, CHI & Everest School of Nursing
- AA Business Administration, Broward College, Ft. Lauderdale – Florida

Chacon, Fabio

- PhD Candidate in Management and Finance, Walden University, Minneapolis – Minnesota
- Master of Business Administration, Jacksonville University, Jacksonville – Florida

Chacon, Lonis

- Doctor of Education, Libertador Experimental University, Maturín extension (UPEL), Venezuela
- Master's Degree in Educational Supervision and Management, Center for Psychiatric, Psychological and Sexological Research of Venezuela
- Specialist in Educational Planning and Evaluation, Center for Psychiatric, Psychological and Sexological Research of Venezuela, Venezuela
- Specialist in Educational Management, Margarita University, Venezuela
- Advanced Studies in Educational Management, Margarita University, Venezuela
- Bachelor of Education, major: Educational Administration, Central University of Venezuela, Venezuela

Cires, Miriam

- PhD in Public Health & Epidemiology, Walden University, Minneapolis – Minnesota
- Master of Clinical Biology, Barry University, Miami – Florida
- Master of Pharmacoepidemiology, Autonomous University of Barcelona, Barcelona – Spain
- Doctor of Medicine in Pediatrics/Pharmacology, University of Havana, Havana – Cuba

Collazo, Joel

- Doctor of Medicine, Higher Institute of Medical Sciences, Havana – Cuba
- PhD in Public Health & Epidemiology, Walden University, Minneapolis – Minnesota
- Master of Science in Clinical Biology with specialization in Laboratory Management, Barry University, Miami – Florida

Corujo, Enrique

- PhD in Education with specialty in Instructional Curriculum and Christian Education, Abundant Life Theological University, San Juan – Puerto Rico
- Master of Nursing with specialty in Education and Health Administration, Dewey University, San Juan – Puerto Rico

Cruceru, Sorin

- PhD Economics, University of Economic Studies, Bucharest – Romania
- Master of Arts in Economics and Statistics, University of Economic Studies – Romania
- Graduate Credits in Mathematics Education, Dowling College, Oakdale – New York

Fernandez, Alicia

- PhD in Technical Sciences, University of Havana, Havana – Cuba
- Bachelor of Computer Science, University of Havana, Havana – Cuba

Fuchs, Alfredo

- Master of International Business, Florida International University, Miami – Florida
- Bachelor of Business Administration, Major: Marketing and International Business, Florida International University, Miami – Florida

Garces, Dadilia

- Doctor of Medicine, Universidad de la Zulia, Zulia – Venezuela
- Master of Science in Health Administration with specialty in Epidemiology, Universidad de la Zulia, Zulia – Venezuela
- Associate of Science in Nursing, Miami Dade College, Miami – Florida

Garriga, Irma

- PhD in Nursing, Barry University, Miami – Florida
- Master of Science in Nursing, Barry University, Miami – Florida

Gonzalez, Iridel Bryan

- Doctor of Medicine, St. Matthew's University School of Medicine, Cayman Islands
- Master of Science in Nursing (Child Nurse Practitioner), Florida International University, Miami – Florida
- Bachelor of Science in Nursing, Florida International University, Miami – Florida
- Bachelor of Science in Biological Sciences, Florida International University, Miami – Florida

Herrera, Melisa

- Master's Degree in Business Education, Universidad Interamericana de Puerto Rico, Puerto Rico
- Bachelor of Arts in Secondary Business Education, University of Puerto Rico, Puerto Rico

Inciarte, Mercedes

- PhD, Science Education, University Rafael Belloso Chacin, Venezuela
- Master in Educational Informatics, University Rafael Belloso Chacin, Venezuela
- Bachelor in Education, Major Pedagogical Sciences, University of Zulia, Venezuela

Jimenez, Stephanie

- Doctorate in Education, Leadership and Instruction in Distance Education, Universidad Interamericana de Puerto Rico, Puerto Rico
- Master of Business Administration, major: Marketing, Universidad Metropolitana (UAGM), Puerto Rico
- Bachelor of Arts, major: Journalism, Universidad Sagrado Corazon, Puerto Rico

Kravetz, Isaac

- Medical Doctor, National Autonomous University of Mexico, Mexico City – Mexico
- MBA, Specialty in Global Management, University of Phoenix, Ft. Lauderdale – Florida

Lemus, Edel

- Doctor of Business Administration, Accounting, Argosy University, Sarasota – Florida
- Master of Science in International Business, Finance, Nova Southeastern University, Fort Lauderdale – Florida
- Bachelor of Business Administration, Accounting, Nova Southeastern University, Fort Lauderdale – Florida

Lima, Alex

- Master of Science in Telecommunications and Computer Sciences, Technological University of America, Coconut Creek – Florida
- Master of Science in Industrial Engineering, University of Missouri, Columbia – Missouri

Lopez Otero, Ada Nelly

- Doctorate in Education, Instructional Technology and Distance Education, Southeastern University, Florida
- Master's Degree in Occupational Education, Interamerican University of Puerto Rico, Puerto Rico
- Bachelor's Degree in Industrial Education, University of Puerto Rico, Puerto Rico

Mesia, Ronald

- Doctor in Business Administration, Specialization in International Business, Nova Southeastern University, Fort Lauderdale – Florida
- Master of Business Administration, Specialization in International Business, Nova Southeastern University, Fort Lauderdale – Florida

Moysidis, Vasiliki

- Ed.S. Specialist in Educational Leadership, Florida International University, Miami – Florida
- Master of Arts in Sociology, University of Miami, Miami – Florida
- Juris Doctor in Law, Aristotelio University of Thessaloniki, Thessaloniki – Greece

Parenteau, Ingrid

- PhD in Nursing, Barry University, Miami – Florida
- Master of Science in Nursing, Barry University, Miami – Florida
- Associate of Science in Nursing, Florida Keys Community College, Key West – Florida
- Bachelor of Business Administration, Saint Leo University, Saint Leo – Florida

Perez, Emperador

- Doctor of Business Administration, Marconi International University, Miami – Florida
- PhD in Business Economics, Atlantic International University, Honolulu – Hawaii
- Master of Business Administration with specialization in Leadership for Managers, Keiser University, Ft. Lauderdale – Florida

Perez, Millie

- Doctor in Education, Instructional Technology and Distance Education, Nova Southeastern University, Ft. Lauderdale – Florida
- Master's Degree in Education, University of Central Bayamon, Puerto Rico
- Master's Degree in Education Instructional Systems and Educational Technology, University of Sacred Heart, San Juan – Puerto Rico
- Bachelor of Arts in Secondary Education, Vocational Industrial (CTE), University of Puerto Rico, Puerto Rico

Pinnock Chambers, E. Elizabeth

- PhD in Organizational Management – Human Resource Leadership, Sullivan University, Louisville – Kentucky
- Master of Science in Human Resource Management, Troy University
- Master of Business Administration, University of Phoenix
- Bachelor of Arts in Organizational Communication and Bachelor of Arts in Legal Studies, University of Central Florida, Orlando – Florida

Pugh, Pavel

- Doctor of Medicine, Higher Institute of Medical Sciences of Havana, Havana – Cuba
- Master of Science in Nursing and Family Nurse Practitioner, Florida International University, Miami – Florida
- Bachelor of Science in Nursing, Florida International University, Miami – Florida

Reynolds, Felicia

- Master of Science in Information Technology, Barry University, Miami – Florida

Rivero, Kailen

- Master of Science in Nursing, Florida International University, Miami – Florida
- Bachelor of Science in Nursing, Florida International University, Miami – Florida

Robaina, Juan Carlos

- Master of Business Administration with specialization in Marketing, Florida International University, Miami – Florida
- Bachelor of Arts in Political Science, Florida International University, Miami – Florida

Romero, Mauricio

- Juris Doctor, Universidad Centro Americana, Managua – Nicaragua
- N+ and A+ Certified

Saez Mosquera, Inty

- Doctor in Technical Sciences, Marta Abreu Central University of Las Villas – Cuba
- Master in Industrial Engineering, Major: Production, Marta Abreu Central University of Las Villas – Cuba
- Bachelor of Science in Industrial Engineering, Marta Abreu Central University of Las Villas – Cuba

Silva, Alberto

- PhD in Business Administration, University of Almeria, Almeria – Spain
- Master of Arts in Operations Research, Central University of Venezuela, Caracas – Venezuela
- Master of Science in Engineering, University of Florida, Gainesville – Florida

Soto, Dixania

- Doctor of Nursing Practice, Capella University, Minneapolis – Minnesota
- Master of Science in Nursing, Florida International University, Miami – Florida
- Bachelor of Science in Nursing, Florida International University, Miami – Florida
- Doctor of Medicine, Faculty of Medical Sciences Dr. Zoilo E. Marinello Vidaurreta, Las Tunas – Cuba

Thomas, James

- Doctor of Business Administration, Argosy University, Atlanta – Georgia
- Master of Business Administration, University of Phoenix, Phoenix – Arizona
- Bachelor of Business Administration, Trinity International University, Miami – Florida

Toledo, William

- PhD in Public Health with specialty in Epidemiology, Walden University, Minneapolis – Minnesota
- Master of Science in Genetics, University of Bordeaux, Bordeaux – France

Uscamayta, Jorge Arturo

- Doctor of Medicine, Zaporozhye State Medical University, Ukraine
- Registered Nurse Program for Foreign-Educated Physicians, Management Resources University, Miami – Florida

Vasquez, Lara

- Doctor in Medicine, University of Guadalajara, Guadalajara – Mexico
- Bachelor of Science in Biology and Psychology, Universidad Interamericana de Puerto Rico, San Juan – Puerto Rico

Velazquez, Jose

- Doctor of Education, Major: Higher Education Leadership, Minor: Human Resources Development, Nova Southeastern University, Fort Lauderdale – Florida
- MBA in Global Management, University of Phoenix, Phoenix – Arizona

Course Descriptions

Each clock hour or credit hour is 50 minutes. Clock hours apply to diploma programs; credit hours apply to associate, bachelor's, and master's degree programs and graduate certificates. Course numbers are based on course codes established by the institution and do not relate to state common course numbering systems.

Each course number begins with a prefix of letters that indicates the subject matter (for example, ACCTG indicates accounting), followed by a number that indicates the level of the course: 100- and 200-level courses are associate degree courses, 300- and 400-level courses are bachelor's degree courses, and 500-level and higher courses are master's degree and graduate certificate courses. A course listed with two numbers (for example, BUS 224/324) may be taken at either level, as indicated in each program. Courses are listed in alphabetical order by prefix and in numerical order within each prefix.

Course Prefixes

ACCTG	Accounting	MAI	Artificial Intelligence (Graduate)
BAM	International Business (Graduate)	MAN	Management (Graduate)
BIA	Business Intelligence & Analytics (Graduate)	MAR	Digital Marketing (Graduate)
BIAN	Business Intelligence & Analytics	MATH	Mathematics
BIT	Information Technology Management	MBA	Master of Business Administration
BSC	Biology	MCS	Cybersecurity
BUS	General Business	MED	Education (Graduate)
CCAI	Artificial Intelligence (Concentration)	MEDL	Educational Leadership
CCIA	Cloud Computing & Infrastructure (Concentration)	MEDT	Educational Technology
CDAC	Data Analytics (Concentration)	MEE	Elementary Education (Graduate)
CIT	Computers & Information Technology	MET	Engineering & Technology (Graduate Core)
COM	Communications	MHM	Hospitality Management
CSD	Software Development (Concentration)	MHS	Healthcare Management (Graduate)
CSIA	Information Assurance & Security (Concentration)	MHT	Hospitality Technology
ECON	Economics	MIT	Information Technology (Graduate)
EDE	Elementary Education (Certificate)	MRE	Real Estate
EDS	Special Education	MRKT	Marketing
EGN	Engineering	MSN	Nursing (Graduate)
EMPL	Employment Skills	NUE	Nursing Education
ENGL	English	NUR	Nursing
FIN	Finance	PHIL	Philosophy
HCI	Health Informatics (Nursing)	PHN	Public Health Nursing
HCL	Healthcare Leadership (Nursing)	PHY	Physics
HSA	Healthcare Administration	PSY	Psychology
IB	International Business	SCM	Supply Chain Management
IDS	Interdisciplinary Studies	SOC	Sociology
ISM	Information Systems Management	SPC	Speech
LIS	Library and Information Studies	SPN	Spanish
MAC	Mathematics – Calculus	STAT	Statistics

ACCTG – Accounting**ACCTG 101 Accounting I** (3 Credit Hours)

Accounting, as an information system is the process of identifying, measuring and communicating the economic information of an organization to its users who need the information for decision-making. It identifies transactions and events of a specific entity. A transaction is an exchange in which each participant receives or sacrifices value (e.g. purchase of raw material). An event (whether internal or external) is a happening of consequence to an entity (e.g. use of raw material for production). An entity means an economic unit that performs economic activities.

ACCTG 102 Intermediate Bookkeeping (3 Credit Hours)

Intermediate bookkeeping techniques and applications. Prerequisite: ACCTG 101

ACCTG 121 Accounting (QuickBooks) (3 Credit Hours)

This course introduces students to fundamental accounting principles and their practical application using QuickBooks accounting software. Students will develop foundational bookkeeping skills, including recording financial transactions, managing accounts payable and receivable, processing payroll, reconciling bank statements, and generating financial reports.

ACCTG 220 Accounting Information Systems (3 Credit Hours)

The course will focus in providing the essential tools in understanding the role of accounting information system and to implement the review systems of internal controls. The course will provide basic elements of the revenue cycle by enabling students to become more proficient in understanding organization economic events and analyzing financial data. The process of accounting information systems will consist of the application of analytical tools and techniques to financial statements and data in order to derive from them measurements and relationships that are significant and useful for decision making. Students will explore the importance that exist between information technology and internal auditing.

BAM – International Business (Graduate)**BAM 600 International Business** (3 Credit Hours)

The course provides students with the conceptual tools necessary to understand and work effectively in today's interconnected world by developing strategic perspectives that link this changing environment, the state of the global industry and the position of the firm. The goal of this course is to provide the skills for taking effective action in the multilayered world of international business.

BAM 620 Latin American Regulatory Environment (3 Credit Hours)

The course takes students through a journey of historical, cultural, macroeconomic and political themes that manifest in the Latin American region. Then explores the “on-the-ground” realities with Case in context, considering issues such as the market effects of rising middle classes, cyclical shifts to trade and export models, overcoming infrastructure limitations, understanding cultural etiquette, staying ahead in rapidly changing regulatory environments, and recognizing and adapting to country risks common to the Latin American region.

BAM 640 Latin American Company, State and Society (3 Credit Hours)

The course enables students to gain an understanding of the economic, political, social, and cultural characteristics of a country or region outside the US. Learn about key business trends, industries, and sectors in a country or region outside the United States. Conduct international business research on a topic of interest, and further develop teamwork and leadership skills.

BIA – Business Intelligence & Analytics (Graduate)**BIA 704 Applications for Business Analytics** (3 Credit Hours)

This course focuses on the role of business analytics in facilitating implementation of business process changes and how to appropriately use analytic tools. Upon successful completion of this course, students will be able to:

- To gain an understanding of how managers use business analytics to formulate and solve business problems and to support managerial decision-making.

- To become familiar with the processes needed to develop, report, and analyze business data.
- To learn how to use and apply Excel and Excel add-ins to solve business problems. Learn how to use data visualization tools such as Microsoft Power BI to gain insights for the business through Descriptive Analytics.

BIA 706 Predictive Analytics (3 Credit Hours)

High performing companies use analytics solutions strategically. What do companies do? Making analytics and metrics easy for employees to use, help people within companies understand business and achieve success. A business intelligence (BI) and Analytics strategy empowers employees with the right information at the right time. The result? Insightful business knowledge with the ability to anticipate change and uncover new opportunities. This course will help students identify what it takes to create business value with analytics, in particular:

- Identify strong correlation between business value and capabilities in Analytics.
- Position a company's analytic capability against an industry specific benchmark.
- Provide the ability to prioritize as companies improve analytic capabilities.
- Identify the level of mastery in business analytics by looking at: technology (tools), sources and types of data, organizations.

BIA 708 Artificial Intelligence and Data Mining Applications for Business Intelligence (3 Credit Hours)

This course examines how artificial intelligence and data mining techniques support business intelligence and decision-making. Topics include data preparation, classification, clustering, association rules, predictive modeling, and the use of machine learning and generative AI tools in business analytics, together with the ethical and privacy considerations of their use.

BIAN – Business Intelligence & Analytics**BIAN 310 Business Intelligence and Analytics** (3 Credit Hours)

Analyses Data Warehousing and presents information to generate insights that assist in decision-making.

BIAN 320 Modeling for Decision-Making (3 Credit Hours)

Develops insights about the organization, its environment and its customers that impact for Decision-Making

BIAN 330 Data Warehousing (3 Credit Hours)

This course provides an introduction to data warehouse design. Topics in data modeling, database design and database access are reviewed. Issues in data warehouse planning, design, implementation, and administration are discussed in a seminar format. The role of data warehouse in supporting Decision Support Systems (DSS) is also reviewed.

BIAN 340 Web Analytics Strategies (3 Credit Hours)

This course will give you a foundation in digital analytics in tandem with digital strategy and solutions. You will glean concepts and principles of praxis central to current applications of digital analytics and digital strategy across industries. You will acquire the critical and creative skills to articulate the value of digital analytics within a variety of business settings. This course will introduce you to a multi-method (both quantitative and qualitative) approach to working with digital analytics, and a multimodal understanding of the analytics tools for websites, mobile, and social media. Apply Web Analytics Strategies and presents information from research and feedback as insights.

BIAN 350 Predictive Analytics (3 Credit Hours)

This course will focus on how classification models in data mining have successfully been applied in business. It will also describe in non-technical terms how the statistical and artificial intelligence-based tools commonly used in data mining work. Analyze intelligence on customers and the market predictive insight.

BIAN 360 Applications of Business Analytics (3 Credit Hours)

Business analytics refers to the ways in which enterprises such as businesses, non-profits, and governments can use data to gain insights and make better decisions. Business analytics is applied in operations, marketing,

finance, and strategic planning among other functions. Articulates the strategic needs for change and leads the Applications of Business analytics.

BIT – Information Technology Management

BIT 600 E-Business Technology and Management (3 Credit Hours)

As the internet continues to grow its influence in many aspects of human life, one of the most impacted areas is commerce – where the internet has transformed existing markets, and given birth to new markets – like mobile commerce, supply chains, and social commerce. The course provides students the analytical tools to understand digital markets and how they interact with physical channels. It will put a strong emphasis on customer behavior, channels, competition, and how technology shakes them. Topics discussed during the course will cover: e-commerce business models, pricing in digital and physical channels, leveraging e-commerce to increase profitability, analytics of digital commerce, and the impact of “Recommender Systems” their design and how they can revolution the product.

BIT 620 Global Information Technology Management (3 Credit Hours)

The course is intended to expose students to the issues of doing global business in a technological world. Great emphasis is placed on the use of technology to facilitate the practice of global business in the enterprise. Upon course completion, students should be able to have ample understanding of the uses of systems and technology to gain and sustain competitive advantages for global companies.

BIT 640 Strategic Management of Technology & Innovation (3 Credit Hours)

Innovation strategy is sometimes called technology strategy. This course defines innovations processes that leverage technology to help companies reach their business strategies. The course provides an overview of concepts and tools for managing technology businesses and the technology of businesses. It places a strong emphasis on the understanding and application of ways of thinking in the analysis, development and implementation of strategies for managing technology. Upon course completion, students should be able to evaluate the commercial potential of a technologies that could be pursued by an existing organization, apply models of technology innovation to the analysis of a business opportunity, analyze technology strategies, and recommend a course of action to implement a technology strategy.

BSC – Biology

BSC 310 General Biology (3 Credit Hours)

Introduction to elementary cell structure, metabolism, and reproduction. Explores aspects of general and biological chemistry, cell cycles, DNA structure and replication, protein synthesis, nature of heredity and the genetic basis of speciation.

BUS – General Business

BUS 101 Introduction to Business (3 Credit Hours)

This is a broad survey of fundamental business concepts, such as management, marketing, human resources, and financial management and policy. General principles of business ethics and business law are also discussed. This course introduces students to the business and commercial world, while it lays the foundation for their meaningful participation in more advanced classes. Introduces an overview of business in an increasingly global society.

BUS 102 Business Administration and Management (3 Credit Hours)

Exploration of the social, legal, political, regulatory, technological and ethical aspects of the business environment. An introductory business course that helps students learn business terminology and provides preliminary study into the areas of economics, global business, ethics, business ownership, business management, human resource management, marketing, accounting and finance.

BUS 104 Leadership and Supervisory Skills (3 Credit Hours)

Exploration of the core issues in leadership and supervision. Students will participate in leadership development activities and learn about the role of supervisor.

BUS 105 Workplace Performance (3 Credit Hours)

Exploration of workplace performance. Provides basis for understanding and evaluating the workplace environment.

BUS 106 Effective Administrative Support (3 Credit Hours)

Examination of the knowledge and skills necessary for effective administrative support.

BUS 107 Introduction to the Workplace (3 Credit Hours)

Introduction to and exploration of the workplace environment.

BUS 108 Administration of Sales and Inventories (3 Credit Hours)

Exploration of sales management. Application of modern management principles: sales force planning, organization, inventories and administration, selection and training. The development, scope and objectives of production control, as well as the dynamics of managing inventory in the changing industrial and commercial environment. Scheduling, control, critical path, forecasting sales and inventory requirements, computer applications to inventory control problems, building inventory models, simulation, and the relationships of inventory control to marketing management and production control.

BUS 110 Introduction to Sports Management (3 Credit Hours)

The course provides students with a foundational understanding of key concepts, principles, and practices in the field of sport management. This course serves as an entry point for students interested in pursuing careers in sports administration, marketing, event management, facility operations, and related areas within the sports industry.

BUS 200 Business Law (3 Credit Hours)

Introduction to the legal environment that affects individuals, businesses, and business transactions. In addition to providing a general introduction to the American legal system, it focusses on specific legal topics such as contracts, maximizing purchasing power through credit, purchasing appropriate insurance, contracting, renting and owning real state. This course focuses on getting across a practical basic understanding of international business, contracts, the internet and the pertinent legal issues that are raised in the real world.

BUS 201 Strategy Management and Decision Making (3 Credit Hours)

This course is designed to explore the problems faced by the management of an organization. Exploration of markets, industry analysis, and business strategy. Discussion of price setting, micro and macroeconomic environments and formulation of competitive strategy.

BUS 203 Operations Management (3 Credit Hours)

Exploration of methods for optimizing scarce resources. Management of the production function in business firms with special attention given to production, transportation, inventory, quality and cost control. It provides a broad understanding and knowledge of several operations management.

BUS 204 Introduction to Project Management (3 Credit Hours)

This course presents and discusses what it does make a successful project; procuring the right amount of resources; how to cope with and control project changes and bring projects under budget and on schedule. We will bring a comprehensive coverage of the most important aspects of Project Management.

BUS 220 Sociology of Sports (3 Credit Hours)

This course examines sport as a social institution and its relationship to culture, the economy, the media, and politics. Students analyze how sport reflects and shapes social values, identity, race, gender, and social class, and how youth, amateur, collegiate, and professional sport are organized. The course also explores the role of sport in communities and its implications for sport managers.

BUS 223 Leadership and Human Resources (3 Credit Hours)

Application of organizational behavior theories, concepts, and skills to leadership, management, training, motivation and supervision of staff in organizations. This course focuses on the topics of the management discipline related to human resources. The course objective is to expose the students to HR related issues that

will be useful in their careers. The course presents both the theoretical and practical aspects of human resources in a global perspective. Practical features are studied through cases. Prerequisite: 2nd Year Standing

BUS 224/324 Organizational Behavior (3 Credit Hours)

The purpose of this course is to introduce you to the major theories and topics of organizational behavior (OB for short). Organizational behavior is the scientific study of behavior that occurs in work settings and is concerned with how people behave in organizational settings. The content of the course will cover topics that span the individual, group and organizational levels. Topics covered include personality, motivation, job satisfaction, group dynamics, conflict, communication, leadership, and organizational change.

BUS 225 Social and Cultural Business Practices (3 Credit Hours)

Examination of organizational theories processes of organizational behavior and businesses social and cultural performance.

BUS 227/327 Management and Budget (3 Credit Hours)

This course will focus on the study of Budgeting Management in both Public and Private Sectors. We will seek to understand the Government spending and the impacts it has in Private Sectors, and our daily lives. Students will see what happens when Public Sector mismanage the Budget in contrast what happens when Private Sector mismanage the budget. The focus of this course is to impart a practical and "real life" understanding and application of public budgeting from the practitioner's perspective. We will examine public budgets (government and non-profit agencies), budgeting systems, and budgeting processes, and how decisions are made and the processes that lead to these decisions.

BUS 228/328 Project Management (3 Credit Hours)

This course teaches students the essence of what project managers must do to deliver remarkable results. One of the main aims of the course is to provide students with main concepts, tools and techniques for completing good projects, master effective leadership practices.

BUS 240 Social Issues in Sports (3 Credit Hours)

Societal implications of sport in history and heritage, youth programs, collegiate and professional situations and the involvement of minority groups, women, business and industry.

BUS 308 Ethics and Social Responsibility (3 Credit Hours)

The application of ethical theory to business management. A review of ethical systems, and examples, theoretical and practical of institutionalizing ethics in organizations. Case analyses used and written projects required.

BUS 330 Cultural Environment of International Business (3 Credit Hours)

Deep study of international businesses and the interactions of multinational firms in the global arena. Prerequisite: International Business Major – Business Administration Bachelor's Degree Program * Upper-Level Division Business Admin.

BUS 333 International Negotiations & Transactions (3 Credit Hours)

This course examines The Functions of Management in The International Firms (E.G., Leadership, Motivation, Communication, Human Resource Development) And Issues Related to Adapting Managerial Practice to Global Environments. * Upper-Level Division Business Admin.

BUS 360 Fundamentals of Hospitality & Tourism Management (3 Credit Hours)

Upper-Level Division Business Admin

This course provides a general overview of hospitality management. It covers the growth and development, organization and structure, and all of the functional areas of the hospitality industry, including travel and tourism, lodging, food services, and recreation. Included are an explanation of both the management and operational functions of hospitality operations, a discussion of the personal and professional demands of hospitality management, examination of managing human resources, and an exploration of the future of the industry. Prerequisite: International Business Major – Business Administration Bachelor's Degree Program

BUS 362 Traveling Information Technology / Reservation Systems (3 Credit Hours)

This course gives students the basics in navigating the travel and tourism industry. Students in these classes learn about the issues related to business and resource management, tourism's effect on the world economy and the political impact of tourism. Some introductory travel and tourism classes detail the many positions available for travel and tourism students; these include hotel manager, airline manager, event planner, travel agent and others. This class is mandatory and is usually taken during freshman year. Prerequisite: International Business Major – Business Administration Bachelor's Degree Program * Upper-Level Division Business Admin.

BUS 364 Leadership and Ethics in Sports (3 Credit Hours)

This course examines the ethical issues individuals face in Sport Management settings. Emphasis is placed on ethical dilemmas sport managers encounter in the daily operation of commercial, recreational, and educational athletic programs. In addition, students study leadership theories and practices as they relate to sports organizations and its effects on employee motivation in an athletic setting.

BUS 365 Hospitality and Tourism Management (3 Credit Hours)

*Prerequisite: International Business Major – Business Administration Bachelor's Degree Program * Upper-Level Division Business Admin. This course provides a general overview of hospitality management. It covers the growth and development, organization and structure, and all of the functional areas of the hospitality industry, including travel and tourism, lodging, food services, and recreation. Included are an explanation of both the management and operational functions of hospitality operations, a discussion of the personal and professional demands of hospitality management, examination of managing human resources, and an exploration of the future of the industry.*

BUS 400 Managing Organizations in Sports (3 Credit Hours)

Discusses managerial principles and techniques applicable to a multitude of sport organizations, and addresses the four functions of management: strategy, organizational structure, resource management, and leadership theories.

BUS 401 Hotel and Facility Management (3 Credit Hours)

Upper-Level Division Business Admin

This course provides hospitality managers and students with the information they need to know to manage the physical plant of a hotel or restaurant and work effectively with the engineering and maintenance department. The course also prepares managers for responsible, educated, effective and efficient management of the physical plant demands; especially in the areas of energy, water and waste as related to their impact on the environment and facilities management.

Prerequisite: International Business Major – Business Administration Bachelor's Degree Program

BUS 405 Food and Beverage Operations (3 Credit Hours)

Upper-Level Division Business Admin

This course addresses front-of-the-house operations and is designed to provide students with an introduction from a managerial perspective of providing exceptional service to increasingly sophisticated and demanding guests. Survey of the world's leading wines classified by type, as well as other distilled beverages. Topics covered include the management and training of personnel to be responsible, professional alcohol servers, product knowledge, the income statement, job descriptions, sales forecasting and cost control. The students will produce a complete dining room and bar operation manual. Part of this class is going to be learning about producing work to be distributed electronically.

Prerequisite: International Business Major – Business Administration Bachelor's Degree Program

BUS 407 International Travel and Tourism (3 Credit Hours)

Upper-Level Division Business Admin

Ability, knowledge and management skills and leadership of tourism and travel strategies and organizational understanding, as well as the skills of global hospitality and customer service.

Prerequisite: International Business Major – Business Administration Bachelor's Degree Program

BUS 410 Sports Business and Finance (3 Credit Hours)

Financial expense categories and sources of revenue for sport organizations. Determines and calculates facility revenues and non-facility revenues. Develops potential solutions for improving revenue sources to increase revenue and decrease costs while maintaining a viable product.

BUS 423 E-Commerce Management (3 Credit Hours)

Upper-Level Division Business Admin

Study of current publications and newspapers.

Prerequisite: International Business Major – Business Administration Bachelor's Degree Program

BUS 430 Sports Law and Risk Management (3 Credit Hours)

Legal structures, major laws, regulations, and case precedents that establish legal responsibilities, rights, privileges, and controls related to sport management.

BUS 440 Project Risk Management (3 Credit Hours)

Upper-Level Division Business Admin

This course provides an overview of best practice as outlined in the course text with a critical comparison of alternative views found in practice and discussed in the literature, including guidelines and standards. Appraise project management risks as well as keep project in regulations compliance

Prerequisite: International Business Major – Business Administration Bachelor's Degree Program

BUS 442 Managing Quality in the Project Environment (3 Credit Hours)

Upper-Level Division Business Admin

Manages the implementation of plans to meet the needs of customers, partners and the organization.

Prerequisite: International Business Major – Business Administration Bachelor's Degree Program

BUS 444 Sports Promotion and Branding (3 Credit Hours)

This course provides the student with basic theoretical and practical knowledge of managing the promotion and branding of a sport organization and its programs. Topics covered include marketing, branding, public relations, social media, customer service and sponsorship. Special attention is given to market segmentation, research, customer service and the creation of a brand management plan.

BUS 450 Enterprise Project Management (3 Credit Hours)

*Prerequisite: International Business Major – Business Administration Bachelor's Degree Program Drive success and enable strategy implementation understanding core enterprise functions during projects monitoring and analysis. * Upper-Level Division Business Admin.*

BUS 452 Risk Management in Live Entertainment and Sports (3 Credit Hours)

Analyze risk management considerations including safety, security, business continuity, legal, and regulatory issues impacting the live entertainment industry. Focuses on new and existing assembly occupancies.

BUS 455 Management Leadership & Team Building in the Project Environment (3 Credit Hours)

Setting project vision and team strategy in project management environment. *Prerequisite: International Business Major – Business Administration Bachelor's Degree Program. *Upper-Level Division Business Admin.*

BUS 460 Sports Entrepreneurship and Innovation (3 Credit Hours)

This course explores how new ideas, technologies, and business models are reshaping the sports industry. Students examine sports start-ups, fan engagement platforms, wearable and performance technology, sports media and streaming, and new revenue models such as sponsorship activation, licensing, and athlete branding. Students identify an opportunity in the sports market, test it with customer and market data, and develop a business plan and pitch for a new sports venture or an innovation within an existing sports organization.

BUS 463 Certified Associate in Project Management (CAPM) Certification Exam Preparation (3 Credit Hours)

*Prerequisite: International Business Major – Business Administration Bachelor's Degree Program. This course provides the student an opportunity to demonstrate an understanding of project management methodologies as well as applications and tools used. *Upper-Level Division Business Admin.*

BUS 480 Advanced Career Preparation (3 Credit Hours)

The course "Advanced Career Preparation " is designed to provide students with the advanced skills, knowledge, and strategies necessary to thrive in the competitive field of sport management. This comprehensive course covers a wide range of topics tailored specifically to empower students with practical insights and tools for successful career development and advancement within the sports industry.

CCAI – Artificial Intelligence (Concentration)**CCAI 420 Artificial Intelligence Fundamentals (3 Credit Hours)**

This course provides the brainpower to apply a practical foundation in artificial intelligence (AI) and its business applications.

CCAI 430 Machine Learning (3 Credit Hours)

The development of the course generates in the participants the ability to apply strategies to build machine learning projects.

CCAI 440 Neural Network (3 Credit Hours)

This course provides the knowledge, abilities, and skills that make you capable of building, training, and applying connected neural networks.

CCAI 450 Artificial Intelligence: Algorithms and Theory (3 Credit Hours)

The course provides the intellectual ability to focus on the computational theory and foundations of artificial intelligence, ideally combining a mathematically rigorous treatment of a contemporary subject in artificial intelligence with an appreciation of relevant computational problems such as algorithmic foundations or theoretical analysis of the complexity.

CCAI 460 Computer Vision: Foundations and Applications (3 Credit Hours)

The course prepares students with the knowledge and skills to apply vision technologies that can perceive, understand and reconstruct the complex visual world. The fundamental principles and important applications of computer vision.

CCAI 470 AI Applications (3 Credit Hours)

This course prepares participants to apply autonomous driving; Soccer robot; Answer question; Solving math and physics problems; Nonlinear control; Playing game; Fraud detection.

CCIA – Cloud Computing & Infrastructure (Concentration)**CCIA 420 Cloud Logic & Decision Making (3 Credit Hours)**

This course analyzes the reasons why cloud computing provides an attractive alternative to an on-site data center, and the technical and economic impacts of migrating to the cloud. You will also gain an appreciation of the challenges of managing vast quantities of structured and unstructured big data, and how organizations are trying to leverage big data stores via analytics for strategic decision-making.

CCIA 430 Customer Problem Resolution (3 Credit Hours)

This course provides an insight to the students on design guidance, configuration examples and best practices with respect to data center networking. This course also deals with current data center architectures, new technologies adopted to create modern data center architecture, and merits and demerits of the same. This course examines these new technologies and demonstrates how consolidation can be realized using a unified network approach.

CCIA 440 Network Virtual Implementation (3 Credit Hours)

This course deals with management of complex virtual environments, analysis of key performance factors of virtualized systems, principal issues in troubleshooting virtual environments, evaluation of small-scale virtual environment developed in the lab. This course will equip students with the in-depth knowledge and techniques used to efficiently optimize and effectively trouble-shoot virtual infrastructures

CCIA 450 Virtual Serves and Data Centers (3 Credit Hours)

Cloud infrastructures; public, private, hybrid. Service provider interfaces; Saas, Paas, Iaas. VDC environments; concept, planning and design, business continuity and disaster recovery principles. Managing VDC and cloud environments and infrastructures.

CCIA 460 Security & Design: Fault Tolerant Enterprise Networks (3 Credit Hours)

The course on cloud security introduces the basic concepts of security systems and cryptographic protocols, which are widely used in the design of cloud security. The issues related multi tenancy operation, virtualized infrastructure security and methods to improve virtualization security are also dealt with in this course. This course will explore the aspects of IPSec, Virtual Private Networks and SSH tunneling in addition to the cloud security issues. The course covers the details of wireless security including WEP and WPA. Different types of firewalls including packet filters, application-level gateway and NAT are also the topics of discussion in this course. This course provides the learners with the details on IDS/IPS, sniffers and, packet capturing tools and mechanisms

CCIA 470 Cloud Computing Project (3 Credit Hours)

The student shall be capable of identifying a problem related to the program of study and carry out wholesome research on it leading to findings which will facilitate development of a new/improved product, process for the benefit of the society.

CDAC – Data Analytics (Concentration)**CDAC 420 Data Analytics for Business** (3 Credit Hours)

This course prepares students with the ability to evaluate activities and recommends improvements using measurement data and analysis.

CDAC 430 Computing for Data Analytics (3 Credit Hours)

This course provides students with the ability to use technologies in activities and recommend data and analysis.

CDAC 440 Machine Learning & Data Analytics for IT, Business & Finance (3 Credit Hours)

During the course of this course students are trained to have the ability to review business and finance using measurement data and analysis to identify improvements

CDAC 450 Computer Simulation and Risk Management (3 Credit Hours)

This course provides skills to assess the implementation of corporate governance through effective risk management and ensure compliance with relevant regulations and legislation.

CDAC 460 Big Data: Business Process Analysis (3 Credit Hours)

The course guarantees the acquisition of skills to review, establish and develop business process analysis strategies to achieve organizational objectives

CDAC 470 Information Visualization (3 Credit Hours)

The course provides knowledge, skills, and abilities to collect, synthesize, analyze, and report measurement data.

CIT – Computers & Information Technology

CIT 100 Introduction to Computers (3 Credit Hours)

Introduction to major uses of microcomputers for business applications. Topics covered include computer literacy and the use of industry-standard software packages for word processing and decision-making models, spreadsheets, database, and presentation graphics.

CIT 101 Basic Linux (3 Credit Hours)

The course covers the main objectives of the LPIC-1 exams 101 and 102. It provides the student with an overview of the Linux fundamentals, such as operating system installation, configuration, maintenance, applications, networking, and security. The text specifically provides real-world scenarios, hands-on exercises, and exam prep software designed for those interested in passing the Linux Professional Institute exams 101 and 102.

CIT 102 Introduction to Computer Programming (3 Credit Hours)

This course addresses students with little to none programming experience by introducing the fundamental concepts of problem solving and procedural programming. The programming language used for this course examples is Python, the most popular general-purpose programming language presently.

CIT 103 IT Service Management I (3 Credit Hours)

It emphasizes the study of information system support for administrative areas such as accounting, management and production, and operation management. It provides a foundation to participate and to explore the dynamic, multimedia landscape of the twenty-first century. This course also examines the nature of information systems and information processing techniques. Topics covered include input and output, primary and secondary storage, data validation and testing, systems and applications software and data security.

CIT 104 Internet Basics (3 Credit Hours)

Understanding how to use the Internet for communication and research.

CIT 105 Programming Practice (3 Credit Hours)

This course follows up on the CIT 102 Introduction to Computer Programming and is dedicated to the implementation of the most common data structures (like lists, stacks, files, or others) and frequently used algorithms (like searching, sorting, image processing, or others) using the high-level programming language Python. Software design principles and the analysis of the complexity of algorithms will be discussed. At the end of this course, the student is totally prepared to take the PCEP – Certified Entry-Level Python Programmer certification of the Python Institute and with some additional preparation, the PCAP – Certified Associate in Python Programming.

CIT 106 Computer Networking (3 Credit Hours)

Exploration to networking and telecommunications. Introduction to digital network topologies, systems integration, communications management and security.

CIT 107 Introduction to Computer Forensics (3 Credit Hours)

This course covers the fundamentals of computer forensics investigations, including laboratory setup and requirements, data acquisition, crime and incident processing, forensics tools utilization, analysis and validation, e-mail investigations, cell phone and mobile devices, report writing, and expert testimony. In addition, the course is designed to guide the student toward becoming a skilled computer forensics investigator and to prepare the student for the prerequisites towards the EnCase forensics certification exams and various other forensics certification exams.

CIT 108 Advanced Computer Forensics (3 Credit Hours)

This course covers a wide range of computer forensics topics and concepts geared toward the intermediate to advanced user. From the process of acquiring digital evidence to bookmarking data to analyzing system artifacts, the student will gain in-depth, comprehensive knowledge of key fundamentals and complex concepts used in the computer forensics industry. The course is also designed for students seeking the EnCase Certified Examiner (EnCE) certification, which has become the global gold standard in computer forensics certification.

CIT 109 Introduction to Database *(3 Credit Hours)*

The course covers the objectives of Exam 1Z0-147 associated with the Oracle PL/SQL Developer Certified Associate track. The course also focuses on PL/SQL Application Programming, Basic Block Structures, handling data, cursors, and exceptions, SQL procedures, functions, and packages, plus compiling, dependencies and database triggers.

CIT 110 Computer Operating Systems *(3 Credit Hours)*

This course prepares the student in managing and maintaining operating systems on personal computers as an entry-level IT professional. Students must also demonstrate competency in critical thinking during the decision-making process for computer deployment to meet expected client requirements as well as customer service skills. This Course provides the foundation for the CompTIA A+ Certification Exam, code 220-802.

CIT 111 Introduction to Information Technology *(3 Credit Hours)*

Introduction to communication technology and information management. Exploration of the use, analysis and design of information systems and technologies to organize, coordinate, and inform human enterprises.

CIT 112 Electronics I *(3 Credit Hours)*

Exploration of computer electronics. Fundamentals of computer hardware, the building blocks of digital circuits, microprocessor systems and applications.

CIT 113 Operating Systems I *(3 Credit Hours)*

Exploration of computer operating systems. Discussion of services, file systems, resource management, synchronization, process cooperation and interference, networks, and protection and security. Prerequisite: CIT 100

CIT 114 Hardware Fundamentals *(3 Credit Hours)*

Exploration of topics in computer infrastructure. Discussion of hardware, operating systems, networking and internetworking, and troubleshooting.

CIT 121 Technology Applications for Business *(3 Credit Hours)*

This course develops essential technological competencies required in modern business and administrative environments. Students learn to apply digital tools and Artificial Intelligence (AI) applications in administrative contexts, including workflow automation, AI-assisted communication, document management systems, data dashboards, and productivity enhancement tools.

CIT 122 Mobile Forensics *(3 Credit Hours)*

This course covers areas of mobile forensics, which include topics from the legal and technical aspects of this discipline. Forensics tools will be utilized to examine flash drives, cell phones, PDA's, GPS devices and digital cameras. Recovered data will include call logs, address books, text messages, videos, Internet history and service provider information. Fundamental topics include the differences between private and criminal investigations, issues regarding privacy, incident response policy, and the Fourth Amendment. The course will cover mobile phone networks, the network authentication process, differences between GSM and CDMA devices and how to extract information from a Subscriber Identity Module (SIM) cards.

CIT 125 Technology and Data Analysis in Sports Management *(3 Credit Hours)*

In the dynamic world of sports management, leveraging technology and data analysis is crucial for making informed decisions and gaining a competitive edge. This course explores the intersection of sports, technology, and data analytics, providing students with the knowledge and skills to effectively utilize these tools in a sports management context.

CIT 150 Security + *(3 Credit Hours)*

This course offers a comprehensive guide for anyone wishing to take the CompTIA Security + SY0-301 Certification Exam. It provides an introduction to the fundamentals of network security, including compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; and cryptography. The course covers new topics in network security as well, including psychological approaches to social engineering attacks, Web application attacks, penetration testing, data loss

prevention, cloud computing security, and application programming development security. Students will also engage in activities that link to the Information Security Community Site.

CIT 200 Artificial Intelligence Applications for Administrative Management (3 Credit Hours)

This course explores the practical application of Artificial Intelligence (AI) tools in administrative and business environments. Students learn how to integrate AI-driven technologies into daily administrative functions, including workflow automation, AI-assisted communication, document intelligence systems, data dashboards, and productivity enhancement tools.

CIT 202 Advanced Linux (3 Credit Hours)

The course covers the main objectives of the LPIC-2 exams 201 and 202. It provides the student with an in-depth assessment of the Linux operating system and concentrates on advanced topics such as system startup, Kernel configuration, advanced disk management, networking and DNS server configuration, configuration of file servers, Web servers and Email servers, security plus troubleshooting boot, kernel, and system resources. The course text also provides real-world scenarios, hands-on exercises, and exam prep software designed for those interested in passing the Linux Professional Institute exams 201 and 202.

CIT 210 Administrative Computer Systems (3 Credit Hours)

Introduction to the concept of databases, including the storage, manipulation, evaluation, and display of data, and related issues. Prerequisite: CIT 103 or CIT 111

CIT 221 Artificial Intelligence for Sports Performance Optimization (3 Credit Hours)

This course introduces the use of artificial intelligence and data analytics to optimize athletic performance. Students examine wearable sensors, video and tracking data, and machine learning models used to monitor training loads, prevent injuries, scout talent, and support coaching decisions, as well as the ethical and privacy issues involved in collecting athlete data.

CIT 222 Installing and Configuring Windows Server (3 Credit Hours)

This course covers the objectives and prepares the student for the 70-410 certification exam, which is the first exam required in order to obtain the Microsoft Certified Solutions Associate (MCSA) certification. The course content includes Windows Server 2012 installation and configuration, printing, file and share access, Virtual Machine settings and storage, Hyper-V, IPv4 and IPv6, DHCP, DNS, Active Directory, GPOs, and Windows Firewall configuration.

CIT 223 Artificial Intelligence for Sports Performance Optimization (3 Credit Hours)

Artificial Intelligence (AI) is revolutionizing the sports industry by offering advanced tools and techniques for optimizing athletic performance. This course delves into the application of AI in sports, exploring how machine learning, data analytics, and other AI technologies can enhance training, strategy, and overall performance in various sports disciplines.

CIT 225 Management Information Systems (3 Credit Hours)

The development of the course provides the student with the Introduction to information systems in business organizations. Topics include resources, information systems in an organization, social implications, and use and evaluation of common software packages for microcomputers.

CIT 230 Introduction to Computer Information Systems (3 Credit Hours)

Fundamentals necessary to succeed in advanced computer coursework (hardware, software, peripherals, networks, operating systems and the internet). Processing spreadsheets. Prerequisite: Graphic Design Major – Upper-Level Division Graphic Design.

CIT 250 Sports Marketing in the Digital Age (3 Credit Hours)

This course examines how sports organizations use digital channels to build their brands and engage fans. Topics include social media, content and influencer marketing, streaming and digital media rights, e-commerce, fan data and analytics, and esports. Students analyze digital campaigns and develop a digital marketing plan for a sports organization.

CIT 251 Organization and Technology of Information Systems (3 Credit Hours)

It emphasizes the study of information system support for administrative areas such as accounting, management and production, and operation management. It provides a foundation to participate and to explore the dynamic, multimedia landscape of the twenty-first century. This course also examines the nature of information systems and information processing techniques. Topics covered include input and output, primary and secondary storage, data validation and testing, systems and applications software and data security.

CIT 252 Sports Marketing in the Digital Age (3 Credit Hours)

This course explores how sports marketing strategies have transformed with digitalization, providing students with the tools and knowledge necessary to design and execute effective marketing campaigns in the sports domain.

CIT 270 C++ Programming (3 Credit Hours)

The purpose of this course is to introduce students to design and write programs in C++. However, it is useful for them to understand the basic terminology and the different components of a computer before they begin programming. Topics will be covered in Programming principles and constructs, such as data types, common control flow structures, basic data structures, console input/output, functions, classes, arrays, string class, vectors and dynamic arrays and pointers.

CIT 280 Network Design (3 Credit Hours)

This course is designed to provide you an applied and practical knowledge required to design, configure, install and troubleshoot hardware, peripherals and protocols used in local area networking. The course content is patterned after the material required to pass the vendor neutral Network + (N10-006) examination.

CIT 281 Network Administration and Technical Support (Cisco ICND 1) (3 Credit Hours)

This course will provide students the knowledge and hands on training to comprehend fundamental networking, LANS Switching, Routing, Infrastructure services, and infrastructure maintenance fundamentals. After the completion of this class students will be ready to take and pass the Cisco Interconnecting Cisco Networking Devices part 1 (100-105).

CIT 282 Advanced Network Administration (3 Credit Hours)

Building on upon the knowledge and skills you learned from ICND1, this course will now delve into the more advanced corners of internetworking. Students will work on LAN switching technologies such as VLANs, STP, L2 & L3 EtherChannels, Switch stacks and chassis aggregation. Students will also tackle routing protocols, WAN technologies (GRE, MLPP, PPoE, DMVPN, etc.), intermediate services and infrastructure maintenance. After the completion of this class students will be ready to take and pass the Cisco Interconnecting Cisco Networking Devices part 2 (200-105).

CIT 283 Networking on Azure and AWS (3 Credit Hours)

You know networking but are new to Azure and AWS; or maybe you've used these cloud providers but want to better understand their networking services. In this course, you will gain an overview of the Azure and AWS landscape and how it relates to networking in the cloud. First you will learn about what solutions and products are available for networking purposes. Next, you will discover the cases in which an enterprise or business might employ them. Finally, you will explore how these providers have designed these products and services for availability and reliability. When you are finished with this course, you will be ready to continue on the Networking on Azure and AWS learning path, and you will have a framework to truly understand Azure and AWS.

CIT 290 Introduction to Modern Web Development (3 Credit Hours)

This course prepares the student for two MTA (Microsoft Technology Associate) certification exams, 98-363 and 98-375. Course content is programming driven. During half of the course, the student learns about creating Web pages, working with XML, Data Objects and WCF, Client-Side scripting, plus troubleshooting and deploying Web applications; during the latter half, the student learns to manage the Application Life Cycle, builds the UI using HTML5 and manages text and content flow using CSS, uses JavaScript and coding essentials for the Touch Interface devices, creates animations, and works with graphics and data access.

CIT 300 Administering Window Server (3 Credit Hours)

This course covers the objectives and prepares the student for the 70-411 certification exam, which is required in order to obtain the Microsoft Certified Solutions Associate (MCSA) certification. The course content includes deploying and managing server images, implementing Patch Management, configuring DFS, File Services and Disk Encryption, File Server Resource Manager, DNS zones and records, VPNs, NPS policies, NAP, authentication, AD and account policies, managing AD and Group Policy settings, objects and policy preferences.

CIT 301 Configuring Advanced Window Services (3 Credit Hours)

This course covers the objectives and prepares the student for the 70-412 certification exam, which is required in order to obtain the Microsoft Certified Solutions Associate (MCSA) certification. The course teaches the student to configure Network Load Balancing and Failover Clustering, manage VM movement, advanced file services, Dynamic Access Control, optimize storage and backups, implement advanced DNS solutions, IPAM, configure trust, sites, domains and forests, AD and SYSVOL replication, install Certificate services and AD Rights Management services.

CIT 330 Automation and Management of Sports Facilities (3 Credit Hours)

This course delves into the principles and practices of automating and managing sports facilities to enhance efficiency, sustainability, and user experience. Students will explore how automation technologies, including IoT (Internet of Things), AI (Artificial Intelligence), and digital systems, can streamline operations and improve maintenance, security, and overall facility management in sports venues.

CIT 355 AI for Decision Making in Sports Management (3 Credit Hours)

This course delves into the application of AI techniques in sports management, equipping students with the knowledge and skills to utilize AI-driven insights for effective decision-making processes.

CIT 381 Linux Technology (3 Credit Hours)

This course provides the fundamental skills and knowledge to configure, manage, and troubleshoot Linux systems. You will learn to work with the Linux system architecture, administration package, file systems, troubleshooting and basic Network security. These core skills are a need for more Linux / Microsoft servers and cloud computing studios. After completing this class students will be ready to pass the CompTIA Linux + (LX0-104) certification.

CIT 382 Cloud Technology Developer (3 Credit Hours)

This course will introduce fundamentals of cloud-based architectures with Amazon Web Services. Students will learn how to design and implement scalable, tolerant high availability failures and secure cloud-based infrastructures based on business goals with AWS. After the completion of this class students will be ready to pass the Amazon AWS Certified Architect Associate Solution Exam.

CIT 383 Advanced Cloud Technology Architect (3 Credit Hours)

This course covers the design of distributed applications and systems on the AWS platform. Students will have hands-on instruction in but not limited to migrating complex multi-level applications, Scalable design and implementation across the operations company, implementing cost control strategies. Then Upon completion of this class students will be ready to take and pass Amazon AWS Certified Solutions Professional Architect Exam.

CIT 384 Manage Cloud Technology Identities and Requirements (3 Credit Hours)

This class is intended for students who want to gain information on Microsoft's Managing Office 365 Identities and Requirements (70-346). Students for this exam are IT professionals who take part in evaluating, planning, implementing, and operating Office 365 services, including their dependencies, requirements, and supporting technologies. Students will gain knowledge with the Office 365 admin center and an understanding of Microsoft Exchange Online, Skype for Business Online, SharePoint Online, Office 365 ProPlus and Azure Active Directory. This includes knowledge with service descriptions, configuration options and integration of services with existing identity management and Local infrastructure to support the business requirements of an organization.

CIT 385 Cloud Technology Compute Services (3 Credit Hours)

Learn how to deploy compute capacity in Azure and AWS. Use AWS Lightsail and EC2 and Azure Compute Resources to deploy virtual machines, virtual servers, applications, scale sets. When you are finished with this course, you will be ready to continue on the Compute Resources for Azure and AWS learning path, you will have a framework to truly understand Azure and AWS technology.

CIT 386 Cloud Network Design (3 Credit Hours)

This course provides a comprehensive view on network and cloud computing. Students will learn to master network management, operation, and design on the one hand and cloud service and deployment models, implementation strategies, and application design on the other.

CIT 387 IaaS: Cloud Virtualization (3 Credit Hours)

This course gains the foundational knowledge required for understanding cloud computing from a business perspective as also for becoming a cloud practitioner, introduce you to some of the prominent service providers of our times (e.g. AWS, Google, IBM, Microsoft, etc.) the services they offer, and look at some case studies of cloud computing across industry verticals. You learn about the various cloud service models (IaaS, PaaS, SaaS) and deployment models (Public, Private, Hybrid) and the key components of a cloud infrastructure (VMs, Networking, Storage - File, Block, Object, CDN).

CIT 388 PaaS: Google App Services (3 Credit Hours)

This course provision knowledge real hardware in the cloud, Platform as a Service (provide a platform to run user code on) and Web Middleware as the glue technology that empowers cloud computing.

CIT 389 PaaS: AWS App Services (3 Credit Hours)

This course begins by discussing the basics of AWS and Cloud Computing, then moves on to discussing more advanced concepts such as service models (IaaS, PaaS, SaaS) and Amazon Virtual Private Cloud (VPC). We wrap it all up in a deep dive into details on particular elements of the AWS platform.

CIT 390 PaaS: Azure App Services (3 Credit Hours)

This course focuses on Azure App Service as an application platform that you can use to deploy and manage Web, mobile and API applications.

CIT 400 Introduction to Routing and Switching (3 Credit Hours)

Upper-Level Division Management Information Systems

CISCO Networking Academy Curriculum

CIT 401 Implementing Routing Security (3 Credit Hours)

Upper-Level Division Management Information Systems

CISCO Networking Academy Curriculum

CIT 402 Introducing to Routing and Switching in the Enterprise (3 Credit Hours)

Upper-Level Division Management Information Systems

CISCO Networking Academy Curriculum

CIT 403 Designing and Supporting Computer Networks (3 Credit Hours)

Upper-Level Division Management Information Systems

CISCO Networking Academy Curriculum

CIT 404 Database and Security Administration (3 Credit Hours)

This course prepares the student for two MTA (Microsoft Technology Associate) certification exams, 98-364 and 98-367. During the first half of the course, the student learns about core database concepts, DML, DDL statements, Joins and Unions, normalization, Data Manipulation, clustered and non-clustered indexes, backing up and restoring databases; during the latter half, the student explores CIA, threats and attacks, IPSec, social engineering, TACACS+ and RADIUS, encryption, VPNs, policies, MAC filtering, Malware, and IE security.

CIT 405 Routing Protocols and Concepts (3 Credit Hours)

Upper-Level Division Management Information Systems
CISCO Networking Academy Curriculum

CIT 406 Database Design (3 Credit Hours)

This course is an introduction to database design using the relational model, it concentrates on learning the basics to create a database using MS SQL and MySQL. Seeing the differences between Relational Versus NoSQL databases

CIT 407 T-SQL: Query Design and Tuning (3 Credit Hours)

T-SQL stands for Transact Structure Query Language, which is a database procedural programming language that is extending the SQL language for Microsoft SQL Server RDBMS product. This course continues the study of databases initiated in CIT 406 and is oriented to the design of transactions and the tuning of the database for increased efficiency.

CIT 408 Database Management Operations & Optimization (3 Credit Hours)

In this course, that continues what has been learnt previously, studies ways of maximizing the speed and efficiency with which data is retrieved by joining efforts of database designers, administrators and analysts to optimize system performance through diverse methods. Thoughtful design that carefully addresses functional needs is the foundation of performance enhancement.

CIT 409 Oracle Database Administrator (3 Credit Hours)

The purpose of this course is to introduce students to basic SQL commands for interacting with Oracle 12c databases in a business environment. In addition, concepts relating to objectives of the current Oracle certification exams have been incorporated for students wanting to pursue certification.

CIT 410 NoSQL Databases (3 Credit Hours)

After having a conceptual and operational knowledge of relational databases, this course works on databases that store the data in another format, different to the relational tables. This allows unstructured data, like images and documents be managed by the database. Practical, hands-on experience is included by using a Non-SQL database, like MongoDB or other.

CIT 411 Programming with Python (3 Credit Hours)

This course assumes students already have a working knowledge of the Python programming language and works on it on applications like automation of information processes, web programming, image processing, device control, among others

CIT 420 E-Sports and Electronic Sports Management (3 Credit Hours)

The course "E-Sports and Electronic Sports Management" provides a comprehensive exploration of the rapidly evolving realm of electronic sports (e-sports), focusing on the strategic management and operational aspects within this dynamic sector of the sports industry. E-sports has emerged as a global phenomenon, captivating millions of fans and generating substantial revenue through tournaments, sponsorships, and media rights. This course is designed to equip students with the knowledge, skills, and practical insights necessary to navigate and succeed in the e-sports landscape.

CIT 452 IT Project Management (PMP) (3 Credit Hours)

This course is designed to teach students project management and system lifecycle management practices used in the management of business information systems. Students will learn steps, concepts, and terminology used in project management and necessary for Project Management Professional certification. Students will gain experience creating standard project management plans, documents, schedules and proposals, and have hands-on exercises using management tools such as Microsoft Project. Students will also learn important skills for project estimation, progress tracking, estimating return-on-investment, and prioritization. Students will be tested on their knowledge of PMP standards and assessed on their ability to use Microsoft Project and to create acceptable plan documents.

CIT 453 Expert System (3 Credit Hours)

This course provides the student with an introduction to the concepts of advanced computer-assisted decision making and the field of artificial intelligence. The hardware and software requirements of an expert system are presented. Specific job skills of a knowledge engineer are developed, with emphasis on the knowledge acquisition skills related to building expert systems.

CIT 454 Cyber Law (3 Credit Hours)

This course is designed to enable students, including but not limited to organizational studies, and information technology students, to concentrate on the legal issues and challenges that the changes in technology have created such as on-line contracting, computer crime, fraud, privacy, defamation, hate speech, indecency, obscenity, cyber-squatting, intellectual property etc. The goal is not to teach students to be lawyers, but rather to provide students the tools to be able to identify problems in the world arising from the ever-increasing activity on-line.

CIT 480 Security Technology (3 Credit Hours)

This course will teach students the skills and knowledge to identify risks, participate in risk mitigation activities, and to provide infrastructure, application, information and operational security. Students will complete this course understanding how apply security controls to maintain confidentiality, integrity, availability and identify how to ensure integrate appropriate technologies to meet a business need. After completing this class, students prepare to take and pass CompTIA Security + exam SY0-401.

CIT 481 Security Ethical Hacking (3 Credit Hours)

This course covers full life cycle hacking and penetration. Students will receive hands-on instruction in each phase of the cyber exploitation phase. These Phases include performing reconnaissance, scanning and enumeration, access, privilege escalation, maintaining access and covering runways, and placing back doors. After Completing This Of course, students will have the opportunity to attempt by passing CE Certified Ethical Hacking 312-50 certification.

CIT 482 Security Analyst (3 Credit Hours)

This course will focus students on advanced pentesting methodology with an emphasis on learning. How to document and write a penetration test report. After completing this course, students will have the opportunity to attempt to pass the CE Council Certified Safety Analyst v9.

CIT 483 Information Systems Security (3 Credit Hours)

The ISC2 organization is built on a comprehensive, up-to-date, common body of global knowledge that ensures security leaders have in-depth knowledge and understanding of new threats, technologies, regulations, standards and practices.

CIT 484 Advanced Information Systems Security (3 Credit Hours)

This course is the final course that builds on all previous InfoSec security classes. Students will learn on advanced threats, technologies, regulations, standards and practices in the field of cyber security. Based on a real case, students will learn to provide security solutions to engineers, designers and senior management. After passing this class and students meeting the ISC2 criteria, students will have an opportunity to take and pass the ISC2 CISSP exam. A test that is in great global demand.

COM – Communications**COM 350 Interpersonal Communications** (3 Credit Hours)

This course prepares nursing graduates to use therapeutic, professional and interprofessional communication as a core element of safe, person-centered nursing practice. Students examine the principles of interpersonal and clinical communication; practice active listening, empathy, assertiveness and structured handoff using AHRQ TeamSTEPPS tools; apply cultural safety and cultural humility with diverse patients and families; connect communication with team leadership and conflict management; and address ethical, legal and privacy requirements in end-of-life and other difficult conversations.

COM 450 Conflict Resolution (3 Credit Hours)

This course provides a practical approach the use of communication to negotiate and resolve conflicts. Emphasis is placed on the communication processes and communication theories.

CSD – Software Development (Concentration)**CSD 420 Computing Programming Methodology** (3 Credit Hours)

This course addresses computer applications that emphasize modern principles of software engineering: object-oriented design, decomposition, encapsulation, abstraction, and testing.

CSD 430 Discrete Structures in Computing (3 Credit Hours)

The purpose of this course is to understand and use discrete (abstract) structures that are the backbone of computing. In particular, this class is intended to introduce logic, tests, sets, relationships, functions, counting, and probability, with an emphasis on computer applications.

CSD 440 Programming Languages (3 Credit Hours)

The purpose of this course is to learn to think, describe and reason about the characteristics of different types of programming languages. We will cover the theoretical frameworks that are used to define and describe the behavior of different languages, and we will create interpreters that implement parts of those languages.

CSD 450 Software Engineering and Architecture (3 Credit Hours)

This course introduces basic concepts and principles of software design and software architecture. It begins with a discussion on design issues, followed by coverage on design patterns. Then it gives an overview of architectural structures and styles. Practical approaches and methods for creating and analyzing software architecture are presented. The emphasis is on the interaction between quality attributes and software architecture.

CSD 460 System Analysis and Design (3 Credit Hours)

During the development of this course the student is induced to apply techniques, analyze and model information systems. Process, data, and state modeling are applied through a project that follows a systems development life cycle. Object modeling is explored and contrasted. A user-centered design approach is taken.

CSD 470 Software Development (3 Credit Hours)

This course provides students with experience in designing, implementing, testing, and debugging programs. Students will gain advanced programming experience; covering topics such as inheritance, multithreading, networking, database programming, and web development.

CSIA – Information Assurance & Security (Concentration)**CSIA 420 Reverse Engineering** (3 Credit Hours)

The objective of the course is to go through the Reverse Engineering process as it is a self-learning tool used to summarize the process of reconstructing/ reformation of an already existing object.

CSIA 430 Programming Security (3 Credit Hours)

This class will present the basic topics in computer security and their relation to secure programming. Security models, threats, design principles and secure coding practices will be discussed. We will also look at programming language features and semantics to evaluate whether they help or hurt the ability.

CSIA 440 Cyber Intelligence (3 Credit Hours)

This course is a study of Cyber Intelligence from its nascent stages to its current operational and policy impact. Students will explore the full range of cyber capabilities from exploitation to defense including several case studies that demonstrate the challenges and benefits of cyber intelligence operations. The course will demonstrate how cyber has changed the nature of intelligence collection, operations, and analysis across the US Intelligence and Defense communities

CSIA 450 Espionage in Business and IT (3 Credit Hours)

The class will examine key intelligence operations and agencies in the 20th century largely in North America and Europe (although we will sometimes include Chinese and Israeli intelligence agencies). In addition, students will explore the extent to which intelligence work actually influenced the direction of foreign policy and the outcome of the world wars and the Cold War.

CSIA 460 Virtualization (3 Credit Hours)

The class provide security, IT operations, and audit and compliance professionals build, defend, and properly assess both virtual and converged infrastructures, as well as understand software-defined networking and infrastructure security risks.

CSIA 470 Hacking Countermeasures and Techniques (3 Credit Hours)

This course is intended to provide a practical survey of network security applications and standards. The emphasis is on applications that are widely used on the Internet for corporate networks, and on standards that have been widely deployed. It also provides students with the knowledge and skills to begin supporting network security and best practices for implementing security

ECON – Economics**ECON 302 Principles of Economics (Microeconomics)** (3 Credit Hours)

Introduction to microeconomic analysis and policy. Exploration of economic analysis methodology in terms of price determination, analysis of demand, supply theory of the firm, and distribution. This course is designed to help students understand basic economic problems, the role of markets and how they work, the internal conditions of cost and revenue that determine company profitability and the external conditions of the industry that influence the company's working environment. It also gives students an introduction to the relationship between the government and the market. Prerequisite: 2nd Year Standing

ECON 303 Macroeconomics (3 Credit Hours)

Basic economic concepts emphasizing the part the United States plays in a global economy. Economic Theory, using topics from TV News and mass media. Topics: GDP, National Income Accounting, US fiscal policy.

ECON 307 International Economics (3 Credit Hours)

Study of International Trade, Monetary Economics and International Finance. Prerequisite: Economics Business Major – Business Administration Bachelor's Degree Program * Upper-Level Division Business Admin.

ECON 404 Economic Issues (3 Credit Hours)

Study of current economic events in the United States. Topics include: Federal Reserve, Wall Street, and economic factors influencing society. Prerequisite: Economics Business Major – Business Administration Bachelor's Degree Program * Upper-Level Division Business Admin.

ECON 405 Monetary Theory (3 Credit Hours)

Continues from Macroeconomics. Framework for examining money in its functions as a medium of exchange, monetary unit, etc. Prerequisite: Economics Business Major – Business Bachelor's Degree Program * Upper-Level Division

ECON 411 Econometrics (3 Credit Hours)

Introduction to the concept of econometrics: Developing and applying quantitative or statistical methods to the study of economic principles. Combining economic theory with statistics to analyze and test economic relationships. Prerequisite: Economics Business Major – Business Administration Bachelor's Degree Program. *Upper-Level Division Business Admin.

ECON 422 Money and Banking (3 Credit Hours)

Roles of money and credit in the American Economy, impact of monetary factors on income and prices. Topics: money, interest rates, foreign exchange, international finance system, bank management, Federal Reserve System. Prerequisite: Economics Business Major – Business Administration Bachelor's Degree Program. *Upper-Level Division Business Admin.

EDE – Elementary Education (Certificate)

EDE 600 Foundations of Education (3 Credit Hours)

This course typically covers the historical, philosophical, and sociological foundations of education. It may also explore current issues and trends in education.

EDE 610 Child Development and Psychology (3 Credit Hours)

This course focuses on theories of child development and the psychological principles underlying learning and behavior in children.

EDE 620 Teaching Methods and Strategies (3 Credit Hours)

This course examines instructional methods and strategies for the elementary classroom, including direct instruction, cooperative learning, inquiry-based and project-based learning, and differentiated instruction. Students plan lessons aligned with learning objectives, select strategies to engage diverse learners, and use assessment results to adjust instruction.

EDE 630 Curriculum, Instruction, and Assessment (3 Credit Hours)

The course "Curriculum, Instruction, and Assessment" typically delves into the foundational aspects of designing, implementing, and evaluating educational programs in elementary education settings. Explores theories and models of curriculum development. It covers topics such as curriculum alignment with standards and learning objectives, curriculum mapping, and the role of stakeholders (teachers, administrators, parents, etc.) in curriculum design.

EDE 640 Language and Learning (3 Credit Hours)

The course "Language and Learning" explores the intricate relationship between language acquisition and the learning process, particularly in the context of elementary education. The course introduces students to various theories of language development, including cognitive, socio-cultural, and linguistic perspectives. It examines how children acquire language skills, from phonological awareness to syntactic and semantic understanding, and how these skills evolve over time.

EDE 660 Special Education: Teaching Children with Exceptionalities (3 Credit Hours)

Teacher candidates are introduced to the educational needs of students with mild to moderate disabilities and their families, including the definitions, characteristics, prevalence, causes and educational approaches to these disabilities and disorders. Teacher candidates will identify cognitive, linguistic, social and emotional patterns of learning and development for students with mild to moderate disabilities.

EDE 680 Enhanced Learning Plans for Immersive Classrooms (3 Credit Hours)

In this course, candidates will develop the ability to craft and assess tailored learning experiences aimed at advancing learners to their next developmental stages. They will delve into data analysis to discern patterns and pinpoint learning gaps, informing their instructional strategies and feedback provision. Candidates will continually reassess plans against both short- and long-term objectives, systematically adapting them to cater to individual student needs and optimize learning outcomes.

EDS – Special Education

EDS 600 Foundations of Special Education (3 Credit Hours)

This course provides an introduction to the fundamental principles and theories of special education. Students will explore key concepts related to developmental disabilities, learning disabilities, as well as relevant legislation and educational policies.

EDS 610 Assessment and Evaluation in Special Education (3 Credit Hours)

Students will learn about the assessment and evaluation processes used to identify the individual needs of students with disabilities. They will focus on formative and summative assessment methods, assessment adaptations, and the use of data to inform educational decision-making.

EDS 620 Curriculum Design and Adaptation (3 Credit Hours)

This course focuses on curriculum design and adaptation to meet the individual needs of students with disabilities. Students will learn to develop differentiated curriculum, adapt teaching materials, and use effective pedagogical strategies to support immersive learning.

EDS 630 Language Development Through Phonics and the Science of Reading: Teaching Methods and Support Strategies (3 Credit Hours)

This course delves into the intricate process of language development through phonics and incorporates the latest insights from the science of reading. It aims to equip educators with effective teaching methods and support strategies grounded in evidence-based practices to facilitate literacy development in learners.

EDS 640 Methods of Teaching Math to Students with Mild to Moderate Disabilities (3 Credit Hours)

This course focuses on effective strategies and methods for teaching mathematics to students with mild to moderate disabilities. It is designed to provide educators with the knowledge, skills, and tools necessary to support the mathematical learning of varied learners in immersive educational settings.

EDS 660 Professional, Ethical, and Legal Practices and Policies in Special Education (3 Credit Hours)

The course on Professional, Ethical and Legal Practices and Policies in Special Education provides students with a comprehensive understanding of the professional, ethical, and legal considerations that guide practice in the field of special education. This course is designed to equip educators with the knowledge and skills necessary to navigate complex issues related to the education and support of students with disabilities in a manner that upholds ethical standards and complies with relevant laws and policies.

EDS 680 Research-Based Instruction, Remediation, and Intervention in Special Education (3 Credit Hours)

The curriculum will include opportunities for students to participate in professional practices and field experiences in specialized educational environments. This will allow them to apply the knowledge and skills acquired in real-life situations under the supervision of experienced educators.

EGN – Engineering**EGN 101 Introduction to Computer Engineering** (3 Credit Hours)

The course is an introduction to computer engineering concepts, both hardware and software, with emphasis placed on digital logic concepts. Topics include binary number representations, Boolean algebra, simplification methods for combinational circuits, introduction to sequential circuit, introduction to assembly language programming, and networks.

EGN 201 Engineering Drawing (3 Credit Hours)

This course teaches how to correctly interpret engineering drawings. It will improve a student's understanding of print reading and result in more effective communication. The course focuses on practical application of print interpretation.

EGN 310 Data Structures (3 Credit Hours)

This course introduces the fundamental data structures used in computer engineering and software development, including arrays, linked lists, stacks, queues, trees, hash tables, and graphs. Students analyze the efficiency of algorithms for searching, sorting, and traversal, and implement data structures to solve engineering problems.

EGN 312 Software Industry Foundations (3 Credit Hours)

Topics include various life cycle models, project planning and estimation, requirements analysis, program design, construction, testing, maintenance and implementation, software measurement, and software quality. Emphasized are structured and object-oriented analysis and design techniques, use of process and data models, modular principles of software design, and a systematic approach to testing and debugging.

EGN 320 Digital Design (3 Credit Hours)

Design techniques for combinational and sequential logic. Design of digital circuits using standard integrated circuit chips and programmable logic devices. Computer simulation will be used to validate designs. Prototypes will be constructed to demonstrate design functionality.

EGN 321 Engineering Software technology (3 Credit Hours)

The course for the engineering program will emphasize object-oriented software design methodologies, user-oriented interface design, software testing and QA, C#, Java, Java EE, Oracle, MS-SQL server, UNIX/Linux, Python, Microsoft's ASP.NET Core, HTML5/JavaScript/Angular, mobile application development, emerging web frameworks, cloud computing, data mining and more.

EGN 325 Computer Architecture (3 Credit Hours)

To provide a working knowledge of the hardware and architecture of a computer system, particularly focusing on aspects such as memory hierarchy, cache coherence and multi-threaded hardware support that affect a full understanding of how to write multi-threaded software. This is a practical course, grounded in a theoretical understanding of concurrency and the problems and benefits it brings. We will use multi-threaded Java and provide an understanding of how to apply appropriate concurrency control primitives where there is simultaneous access to shared resources.

EGN 330 Network Design and Management (3 Credit Hours)

This course is designed to provide you an applied and practical knowledge required to design, configure, install and troubleshoot hardware, peripherals and protocols used in local area networking. The course content is patterned after the material required to pass the vendor neutral Network +

EGN 340 Object-Oriented Programing (3 Credit Hours)

This course takes you through the principles and practices of object-oriented programming (OOP). The course provides you with the firm foundation in OOP that you need to progress to intermediate-level C# courses. It begins by showing you how to turn a set of words into a set of well-defined and related classes. Through demonstrations, it teaches you key object-oriented concepts such as abstraction, encapsulation, inheritance, polymorphism, and interfaces.

EGN 410 Product Design (3 Credit Hours)

This course covers the process of designing technology products, from identifying user needs and defining requirements to concept generation, prototyping, testing, and refinement. Students apply design thinking, usability principles, and engineering constraints such as cost, reliability, and manufacturability, and complete a product design project.

EGN 420 Networking and the Cloud (3 Credit Hours)

Cloud Network implements and manages network architectures in Google Cloud Platform. This individual has at least 1 year of hands-on experience working with Google Cloud Platform and may work on networking or cloud teams with architects who design the infrastructure.

EGN 430 Industrial Networking (3 Credit Hours)

The Course Industrial Networking is for information technology (IT) and operational technology (OT) professionals in the manufacturing, process control, and oil and gas industries, who will be involved with the implementation, operation, and support of networked industrial products and solutions.

EGN 450 Network Security (3 Credit Hours)

The course provides students with the skills necessary to apply and implement technical knowledge of security concepts in today's security environment. Students will gain an in-depth knowledge of systems security, access control, network infrastructure, assessments and audits, cryptography and organizational security across all vendor products. These skills have become increasingly important, as additional safeguards such as intrusion detection systems, physical access control and multi-factor authentication become standard methods of protection.

EGN 460 Software Engineering and Design (3 Credit Hours)

This course introduces the principles and practices of software engineering, including software development life cycles, requirements engineering, software design and modeling, design patterns, testing, and maintenance. Students work in teams to analyze requirements and design, implement, and test a software system.

EGN 465 Data Structures and System Design (3 Credit Hours)

The course is intended for developing foundations in data structures with a focus on solving problems and building core data structures. The broader goal is to understand how data structures are leveraged in problems and tasks that have a relevance to realistic situations. Throughout the course, large emphasis will be placed on tying data structure building techniques, their underlying concept and mathematical constructs to specific applications through hands-on experience.

EGN 470 Wearable Computing (3 Credit Hours)

The Wearable Computing course covers the basics of usability, user experience, and human-factors science. The course focuses on wearable technology such as smart watches and headsets to prepare students to work in a multidisciplinary environment that integrates programming and design.

EGN 475 Software Prototyping (3 Credit Hours)

The course gives an overview of procedural programming, object-oriented programming, and functional programming techniques in the Python scripting language, together with an overview of fundamental data structures, associated algorithms, and asymptotic performance analysis.

EGN 508 Enterprise Client-Server Software (3 Credit Hours)

The course aims to explore and use cutting edge technology for enterprise software development in the modern distributed environment afforded by the World Wide Web (www). It discusses emerging technologies in networks and communications. The course work in project based. A special focus is placed on the following topics: DTML, CSS, scripting, ActiveX, RSS, CGI, ISAPI, and active server pages. It also covers topics such as ASP.NET 2, XML/SOAP, Wireless and handheld access, WAP/WML, SQL databases, streaming media, CMS, middleware, SSL, security requirements, and authentication of clients.

EGN 512 High-Performance Programming with Multicore and GPUs (3 Credit Hours)

The course seeks to address application performance, which is one of the key requirements of HPC applications. Performance is a difficult requirement to satisfy as it involves issues varying from hardware to software. Moreover, the course studies the underlying environment and the design decisions necessary to achieve good performance. After course completion students should have a practical understanding of the general issues and methodologies associated with designing building and refactoring codes to meet performance requirements.

EGN 514 Wireless Communications (3 Credit Hours)

The course introduces fundamental technologies for wireless communications. Course provides an overview of advanced topics in wireless communications for voice, data, and multimedia. Topics include a study of current and future wireless systems, wireless channel models including path loss, shadowing, and statistical multipath channel models; fundamental capacity limits of wireless channels; digital modulation and its performance in fading and intersymbol interference; techniques to combat fading; techniques to combat intersymbol interference; and an overview of wireless network design.

EGN 534 Networking the Physical World (3 Credit Hours)

The course studies current technology for networked embedded network sensors and actuators including evolving protocol standards. The course considers the evolution of embedded network sensing and actuation systems with the introduction of wireless network connectivity in the realm of the “Internet of Things”, wireless sensor networking, and ambient computing.

EGN 545 Introduction to Embedded Systems (3 Credit Hours)

The course provides an introduction to Embedded Systems. The course covers the design and analysis of computational systems that interact with physical processes. Students develop competence in microprocessor

based digital system design and interfacing through the use of simulation software, real devices interfaced to a PC and with embedded devices.

EGN 557 Computer Architecture and Design *(3 Credit Hours)*

The course provides a solid understanding of fundamental architectural techniques used to build today's high-performance processors and systems. The course is structured around the three primary building blocks of general-purpose computer systems: processors, memories, and networks. It aims to provide a strong foundation for students to understand modern computer system architecture and to apply these insights and principles to future computer designs.

EGN 618 Advanced Network Security *(3 Credit Hours)*

The course studies the principles of computer systems and network security. Students discuss various attack techniques and how to defend against them. Topics of study include: network attacks, defenses, operating system holes, email, web security, malware, social engineering attacks, privacy, and digital rights management.

EGN 625 Advanced Digital Design with Verilog and FPGA *(3 Credit Hours)*

The course covers the systematic design of advanced digital systems using FPGAs – field-programmable gate arrays. It focuses on design for high-performance computing applications using streaming architectures. The course places emphasis on top-down design starting with a software application, and translating it to high-level models using a hardware description language such as VHDL or Verilog. Course work is based on a sequence of Verilog design examples leading to a final group project.

EGN 649 Research Project *(3 Credit Hours)*

The Computer Engineering Research Project provides an opportunity for students to carry out a defined piece of independent research or design. These skills include the capacity to define a research or design question, show how it relates to existing knowledge and carry out the research or design in a systematic manner. Students will be expected to define an original research project that demonstrates their prior learning in their Master of Science in Computer Engineering program. The results will be presented in a final project presentation and report. It is not expected that the project outcomes from this course will represent a significant contribution to new knowledge. The course aims to provide students with the opportunity to carry out a defined piece of independent research work in a setting and manner that fosters the development of engineering skills in research. The Final Research Project provides an overview of the different research methods that are used in engineering. Students will learn to find and evaluate research on their topic and to present their own research plan or results for evaluation by others. The course will develop a better understanding of what research in engineering is and how it differs from other projects in engineering.

EGN 699 Final Project (Capstone) *(3 Credit Hours)*

The Capstone Field Project provides students with the opportunity to complete their academic curriculum through the real-life application of best practices learned through courses taken in the program. The main objective of the Capstone Field Project is to strengthen the students' capacities to explore, conceptualize, analyze, explicate, interpret, and provide suggested solutions to companies and organizations facing critical computer engineering challenges. In this course, learners integrate the foundational knowledge and skills gained during the Master of Science in Computer Engineering program in an application-based engineering project. Learners propose, plan, and implement a major project that allows them to demonstrate competencies in ethics, leadership and all computer engineering topics covered throughout the program. Their final projects allow learners to demonstrate their overall ability to identify and recommend evidence-based solutions to Computer Engineering challenges and opportunities.

EMPL – Employment Skills**EMPL 101 Employment Skills** *(3 Credit Hours)*

Identification of the skills necessary for future employment and potential career opportunities. Develop job search, networking, and career management skills including business etiquette, salary negotiations, interviewing, and career management. Students will understand the concept of a personal brand, and develop resumes and cover letters to help meet career objectives. Required course for all majors.

ENGL – English

ENGL 100 Language and Speech Communications (3 Credit Hours)*General Education Requirement*

Principles of communication with attention to formal speaking and group discussion.

ENGL 115 Fundamentals of Public Speaking (3 Credit Hours)*General Education Requirement*

Public Speaking may be one of the most useful courses a student will take during his or her undergraduate career. Not only does it focus on the skills involved in selecting, researching, organizing, and writing persuasive messages, it teaches students the skills they need to present their ideas effectively in public. In a small, supportive classroom environment, students learn to communicate their ideas effectively using verbal, written, and visual techniques. They also learn important listening skills, and peer evaluations of student speeches are an important component of the course.

ENGL 200 English Composition I (3 Credit Hours)*General Education Requirement*

Instruction and practice in writing expository prose that shows sensitivity to audience and purpose. Student must have English proficiency.

ENGL 203 Effective Business Writing (3 Credit Hours)

This course develops professional communication skills required in modern business environments. Students learn to communicate effectively using traditional writing techniques and AI-supported tools to enhance clarity, accuracy, and efficiency in business correspondence. Emphasis is placed on audience awareness, tone, organization of ideas, and the ethical use of AI tools in professional communication.

ENGL 302 English Composition II (3 Credit Hours)

Provides instruction and practice in the writing of formal, analytical essays, at least one of which is a research project using outside sources and/or reference effectively and legally. This course provides instruction in the development of analytical and critical reading skills in the composition process.

FIN – Finance

FIN 300 Financial Management Negotiations (3 Credit Hours)

This course develops the understanding and application of analytical and mathematical-financial techniques, to determine the utility or loss that a company can incur when making an investment. For the above, the course provides strategies to manage and project effective and efficient financial performance in business, so that it can generate greater corporate value and positive social impact. Each participant must develop, from the first week, an organized program of activities according to the sequential competences of the program, which contribute and are part of a project or final result of the course. Before starting the course activities, please make your personal presentation to the participants of the course, which includes your professional experience, your academic and professional objectives, and your expectations of this course. This is the first step to start building your course portfolio.

FIN 644 Financial Management and Models of Care Delivery & Payments (3 Credit Hours)

This course provides an overview of emerging models of healthcare delivery and payment, as well as their impacts on providers and patients, including cost, quality, and outcomes. You will learn how to evaluate and best apply various types of models in different circumstances to help ensure a successful transition to a value-based healthcare system, while also considering such factors as clinical integration, new technologies, and risk management. Students also explore strategies for successful performance in various care and payment models, including targeted quality improvement and care management strategies for high-cost, high-risk patient populations. Topics of exploration and week discussion include: Financial reporting requirements specific to healthcare, Healthcare claims processing/reimbursement and government payer types, Prospective payment systems and diagnostic related groups (DRGs) and Coding and revenue cycle management. Some examples of assignments and projects in this class include: A financial strategy assignment focused on ensuring a hospital is

profitable, a researched plan for a new hospital based on standards from the Centers for Medicare & Medicaid Services, a value-based care plan scope.

HCI – Health Informatics (Nursing)

HCI 604 Healthcare Informatics and Technology *(3 Credit Hours)*

This course presents the fundamental principles, concepts and technological building blocks of health informatics for graduate nurse leaders. Students examine the characteristics of data, information, knowledge and wisdom in healthcare, the history and national landscape of health information technology, common algorithms and decision models used in health applications, and the information technology components of representative clinical processes. The course addresses the conceptual framework for the collection, storage and optimal use of biomedical and nursing data, modeling and simulation, the information systems that support population health and precision health, knowledge management and decision support in biomedicine, health informatics standards, and digital images and visual health information.

HCI 617 Electronic Health Records: Analysis of Clinical Information Systems & Application to Nursing Practice *(3 Credit Hours)*

This course examines electronic health records (EHRs) and health information exchange (HIE) as clinical information systems and their application to nursing practice. Graduate nurse leaders analyze the purpose, design, components and function of EHRs, the workflow of information, coded data, clinical terminologies and interoperability, advanced components such as computerized provider order entry, problem lists, flowsheets and clinical decision support, and the relationship between EHRs and HIEs. The legal and regulatory framework is addressed, including the HIPAA Privacy, Security and Breach Notification Rules, the HITECH Act, the evolution of Meaningful Use into the CMS Promoting Interoperability programs, ONC certification and the 21st Century Cures Act provisions on patient access and information blocking.

HCL – Healthcare Leadership (Nursing)

HCL 607 Healthcare Quality and Safety Management *(3 Credit Hours)*

This course provides graduate nurse leaders with the knowledge and skills to lead patient safety and quality improvement initiatives at the micro and macro levels. The course takes a world view of patient safety and quality, linking participants to research and resources from the World Health Organization (WHO), the U.S. Agency for Healthcare Research and Quality (AHRQ), The Joint Commission and other national and international organizations. Students examine the principles of quality and risk management, the system characteristics that influence organizational performance, managerial approaches to systematic improvement and risk reduction, governmental regulation, accreditation standards and the techniques used to manage, control and finance risk in healthcare organizations.

HCL 620 Leadership & Decision Making in Healthcare: Leading the Future of Healthcare *(3 Credit Hours)*

This course examines the role of leadership and decision making in delivering high-quality, cost-effective patient care within interprofessional, dynamic healthcare environments. Students explore organizational relationships within healthcare systems and prepare to participate in the design of cost-effective, innovative models of care delivery and practice change proposals. Leadership theories and how they shape the nurse leader in collaboration, conflict resolution, decision making and negotiation are introduced. Students discuss change management theories and evaluate the ethical, social, legal, economic and political implications of practice change and health care, along with strategies for managing human, fiscal and healthcare resources in a variety of organizational systems. Students also examine the uses, impact and challenges of patient care technologies and health information systems in leadership strategy.

HSA – Healthcare Administration

HSA 315 International Health Legislation *(3 Credit Hours)*

The course offers a basic overview of the methods for measuring population health, analytic tools for decision-making, and the evidence base for the effectiveness, risks, and efficiency of interventions, programs, and

policies. The course focuses on challenges, diseases, and conditions of major public health importance, their patterns of global mortality and morbidity, their social, economic, and political determinants and consequences, their inequalities and inequities, and the population-based interventions as well as social and institutional responses to these challenges structured through communities, national health systems as well as international agencies, consortia, and alliances.

HSA 320 Introduction to Healthcare Management (3 Credit Hours)

This introductory course is designed to familiarize students with basic concepts and ideas concerning the distribution of health and illness in society, the organization of the health care system, and the relationship of one to the other. We begin by considering the evolution of the U.S. health care system and of health policy. We then present an international perspective on the U.S. health care system with an emphasis on the Affordable Care Act, alternative government roles, current challenges and the future of the health care system. Knowledge for with an overview of how health care institutions are organized and governed, the role of the management staff, physicians, nurses and other clinical and support staff in these organizations, and the management systems.

HSA 337 Management of Health Services Organizations (3 Credit Hours)

This course surveys the major administrative approaches in public and private agencies that administer health programs. The ultimate goal of the course is to assist students in understanding management principles in the American health care delivery system, including the roles of patients, third part insurance payers, and health care professionals. The course presents contemporary thinking about management skills and competencies, and “how management gets done” in health care organizations. Leadership skills health care reassess strategies, apply management health practice, organizational policies and procedures.

HSA 399 Primary HealthCare Management (3 Credit Hours)

This course introduces students to the origins, concepts, and development of community-based primary health care through case studies from both developing and developed countries. As in clinical bedside teaching, we use real cases to help students develop problem-solving skills in practical situations. We also discuss participatory approaches in the organization and management of health services and other factors such as objectivity, socio-cultural change, environmental protection, and the process of community empowerment. Ability for Primary Care Management leadership and management of public health systems, with the leadership and general management of hospitals and Primary Care systems.

HSA 401 Hospital Management (3 Credit Hours)

Knowledge definitions and the study of organization, functions, operations and management of the hospitality industry, safety, security and practices

HSA 440 Risk Management in Healthcare (3 Credit Hours)

This course discusses the process of developing and a maintaining risk management programs in healthcare. Emphasis is placed on assessing and reducing the risk to clients, family, staff and the organization's resources through a strategic approach.

HSA 520 Special Topics in the US Healthcare System (3 Credit Hours)

This course evaluates the healthcare delivery system in the U.S. and the impact initiatives have on healthcare quality, cost and access. Students will become familiar with the costs involved, tiered services, preventative healthcare, trends in healthcare utilization, and the role of major providers and payers. This course focuses on evaluating the healthcare delivery system in the U.S. and the impact various initiatives have had on healthcare quality, cost, and access. You will become familiar with the costs involved in healthcare, tiered services, preventative healthcare, trends in healthcare utilization, and the role of major providers and payers, such as insurance companies and government programs like Medicare. Coursework also explores the history and transformation of the healthcare delivery system, including the impact of policies and practices as they relate to commercial payment reform and the evolution of clinical standards for providers. Each week, students will analyze case studies about how different factors at play in the industry affect their role.

HSA 540 Leadership in Healthcare (3 Credit Hours)

This course focuses on the unique nature of physician leadership and managerial skills that are most practical and relevant to successful leadership. Cases, articles, discussions, and guest speakers provide participants with insight into the real-world examples of roles, challenges, and success requirements of executives and clinical leaders. A framework for leadership is introduced and successive sessions take selected elements of the framework for further study. Sessions include; leadership theory and current challenges professionally and personally; operational challenges and opportunities, the physician's role in governance and health care leadership in light of contemporary challenges and opportunities; communication, project and process management oriented to impact and results; human resources, developing others, and personal development.

HSA 565 MIS for Healthcare Management (3 Credit Hours)

This course introduces students to the principles and strategies used to acquire and use information technology to improve healthcare. Students will become familiar with current industry trends in healthcare IT and apply theories of innovation and quality improvement to design successful processes and strategies that will positively impact the quality of patient care. Each week, students will analyze case studies about how different factors at play in the industry affect their role.

HSA 570 mHealth: Health Data Management Apps (3 Credit Hours)

This course will explore the ways in which data provides the foundation for healthcare information systems. Topics include the concepts of information and knowledge, and the practice of medicine and health supported by mobile devices such as telephones, patient monitoring devices, digital assistants and other wireless devices. The practice of this course includes applications on lifestyle and well-being that connect people with medical devices or sensors, observation of medication reminder models and health information through messages and telemedicine services.

HSA 575 Health Care Delivery and Policy (3 Credit Hours)

This course introduces students to the methods of decision-making from a manager's perspective, will discuss criteria to evaluate the allocation of resources and analyze the behavior of two of the principal actors – consumers and firms. A careful analysis of the choices made by individuals, organizations, and governments will demonstrate that sensible “choice architecture” can successfully nudge people toward better decisions without restricting their freedom of choice. The principles of economic and management decision-making will be presented in the context of health care systems and markets. will use numerous real-world issues and case studies to demonstrate decision-making techniques, especially for health care organizations and consumers. Each week, students will analyze case studies about how different factors at play in the industry affect their role.

HSA 581 Public Health Administration (3 Credit Hours)

This course will cover the organizational structure and function of public health systems, policies, and programs at the local, state, and federal levels in the US. Official agencies, voluntary agencies, and health-related activities in the private sector are considered. Topics covered in this course include health services/ public health organizations/ programs, financing, workforce, costs & quality issues, and organizational Management. This course will provide an overall picture as well as many specific elements of health services/ public health organizations in the US. Each week, students will analyze case studies about how different factors at play in the industry affect their role.

HSA 625 Healthcare Informatics and Technology (3 Credit Hours)

The Healthcare Informatics and Technology course provides students with a comprehensive understanding of how information technology is applied in the healthcare sector to improve patient care, organizational efficiency, and decision-making processes. The course covers a range of topics related to healthcare informatics, electronic health records (EHRs), health information systems, data analytics, and emerging technologies in healthcare

HSA 630 Long-Term and Geriatric Administration (3 Credit Hours)

This course provides an overview of the many disciplines related to gerontological administration as well as specialty topics at play in long-term care. This course examines core topics such as administration, nursing,

rehabilitative therapies, as well as specialty topics include: spirituality, dementia, quality assurance, oral history, and ethical issues.

HSA 635 Methods of Health Care Negotiations & Conflict Resolution (3 Credit Hours)

This course introduces students to the theory and practice of negotiation and conflict resolution. Particular emphasis is placed on integrating analytic skills, negotiation techniques and conflict resolution methods into the practice of health care management. Students are also introduced to the concepts and practice of the five dimensions of meta-leadership, a strategy to build connectivity of strategy and action amongst different departments and organizations in a complex health system. A portion of the class is devoted to simulation exercise in which general concepts and methods are demonstrated and practiced. These exercises model disputes typical of health care settings and health care management problems. The debriefings that follow each exercise offer individual feedback, as well as the opportunity to examine applied issues of organizational communication, system design and conflict. By the end of the course, students will have knowledge of the overt and covert causes of conflict, concepts for analyzing disputes and a variety of methods useful for preventing, resolving and when necessary, initiating a conflict.

HSA 649 Research Project (Community Health) (3 Credit Hours)

This is a graduate level course providing a comprehensive foundation for project management as it applies to healthcare. Students will be introduced to the theory and concepts of project management and the tools to manage projects with a specific focus on health information technology. At the end of this course, students should be able to develop, execute, and control a basic project plan that is capable of supporting organizational objectives linked to measures of success for a single project.

HSA 699 Capstone Project (3 Credit Hours)

The final capstone is a culminating project that utilizes a set of skills that demonstrate maturity and professionalism in terms of strategic thinking in healthcare informed by an understanding of data, technology, new models of care delivery, and value-based payment

IB – International Business

IB 100 Introduction to International Business (3 Credit Hours)

An overview of the international business environment including economic, political, legal, and cultural aspects, and the institutions that affect a global firm (economic blocs, world banks, the United Nations, etc.). This course surveys managerial techniques used by multinational corporations. Issues related to foreign direct investment, especially financial and accounting implications are also presented, as is the particular impact of globalization on smaller firms. Case discussions are important components of this course. Prerequisite: ECON 202

IB 102 International Management (3 Credit Hours)

Focuses upon the globalization of markets, technologies and business practices and how organizational leaders and managers deal with these changing forces. Issues related to Management in International firms: leadership, motivation, communication, human resource development, and other managerial practices. Topics include managing international trade, foreign manufacturing and global service industries such as transportation and mass communications. Prerequisite: BUS 102

IB 202 Customs Legislation (3 Credit Hours)

Exploration of customs related laws concerning Customs administration, procedures, and applications of import and export duties, taxes, and offences. The course introduces students to the basic legal principles and issues commonly encountered in the international regulation of trade and investment. Course focuses on the regulation of trade both by nations and international organizations such as the World Trade Organization. Students will gain an understanding of how the international community attempts to control government restrictions on trade by creating international legal regimes that focus on planning, cooperation and dispute resolution. Prerequisite: IB 100

IB 203 Fundamentals of Foreign Trade *(3 Credit Hours)*

The aim of this course is to provide students with an understanding of the principles and applications of international trade, so that students will be prepared to face the future complexities of the world economy. Exploration of the basic rules and institutions of international trade focusing on the World Trade Organization. Discussion of influential trade theories, the effect of trade on income distribution, the implications of imposing tariffs and the economic mechanisms and the policy issues that usually arise in world trade. The political economy and controversies in trade theory are also discussed. Trade issues in developing countries are highlighted. Prerequisite: ECON 202

IB 204 International Law and Economics *(3 Credit Hours)*

After a brief introduction to the methodology of law and economics, this course utilizes the standard tools of economic analysis for the study of law, legal institutions, and international law as it relates to economics; with special focus on: (i) economics of property; (ii) economics of contracts; (iii) economics of tort law, and (iv) economics of lawmaking. Discussion of the law of treaties, jurisdiction and immunity, human rights, international economic law, peaceful settlement of disputes, and use of force. Pre- Requisite: ECON 202

IB 205 International Trade Export/Import *(3 Credit Hours)*

The International Trade Import and Export is a theoretical - practical course where the participant is expected to know the application of the concepts, principles and strategies of Marketing with an international scope. At the same time, the acquired theoretical knowledge will be applied to cases of real companies, and remaining in contact with the current economic and international business. The course is made up of four units through which the fundamental aspects will be analyzed in the international business environment, formulate international marketing strategies and design action plans for the import or export of products or services. Strategic options for international alliances or mergers are also studied.

IB 207 International Banking and Finance *(3 Credit Hours)*

Exploration of the tools necessary to analyze multinational business and finance problems. Topics include: the foreign exchange market, balance of payments, international investment and banking, monetary and fiscal policy in an open economy, economic integration and monetary unification and the international monetary system. Prerequisite: MATH 102 and ECON 202

IB 400 International Entrepreneurship *(3 Credit Hours)*

Harvard Business Review Study Cases Prerequisite: International Business Major – Business Administration Bachelor's Degree Program * Upper-Level Division Business Admin.

IB 402 Strategic Management in the Multicultural Corporation *(3 Credit Hours)*

Harvard Business Review Study Cases. Prerequisite: International Business Major – Business Administration Bachelor's Degree Program. *Upper-Level Division Business Admin.

IDS – Interdisciplinary Studies**IDS 310 Critical Thinking and Conflict Resolution** *(3 Credit Hours)*

This course prepares nursing graduates to examine the components of arguments, interpret them from multiple perspectives and evaluate the quality of reasoning behind claims, interpretations and beliefs in healthcare. Students practice logical reasoning, structured problem solving, deductive and inductive argument, and informed moral reasoning, and apply these processes to resolve conflicts within healthcare teams.

ISM – Information Systems Management**ISM 600 Data Analytics Management** *(3 Credit Hours)*

This course equips students with fundamental skills in data analysis and its application in decision-making across diverse industries. The course covers technological advancements in data collection and analysis, practical exercises with data-mining tools, and ethical considerations in data use. By completing this course, students will be prepared to effectively analyze large datasets and apply their insights to real-world challenges in business and healthcare.

ISM 630 Healthcare Data Management and Analytics (3 Credit Hours)

This course provides an advanced, applied examination of healthcare data management and analytics as strategic resources for nursing, clinical, administrative and executive decision-making. Graduate nurse leaders analyze the healthcare data ecosystem, including data sources, information flows, data life cycles, electronic health records and interoperability requirements, and the relationships among data quality, patient safety, nursing-sensitive outcomes and organizational performance. The course addresses data standards and terminologies (HL7, FHIR, ICD-10, LOINC and SNOMED CT), data governance and stewardship, privacy, cybersecurity, regulatory compliance and ethical data use.

LIS – Library and Information Studies**LIS 400 Information Resources for Academic and Professional Success** (0 Credit Hours)

This course seeks to generate in the participant, specific skills for the selection, organization, administration, and access to information resources to satisfy academic and professional information needs.

LIS 500 Scholarly writing and Research Strategies (0 Credit Hours)

This course is intended to help students organize and write a quality research paper for classes taught in Atlantis University. Also included are recommendations regarding how to manage specific course assignments. Note that, if you have specific questions about a writing assignment, you should seek advice from your professor before you begin. Requirements set forth by your professor will always supersede instructions in these general guidelines.

LIS 700 Research Methodology (0 Credit Hours)

The course provides an opportunity for students to establish or advance their understanding of research through critical exploration of research language, ethics, and approaches. The course introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. Participants will use these theoretical underpinnings to begin to critically review literature relevant to their field or interests and determine how research findings are useful in forming their understanding of their work, social, local and global environment. The course also introduces the set of technologies useful for research activities, to support it, improve it and create a strong foundation.

MAC – Mathematics – Calculus**MAC 231 Calculus** (3 Credit Hours)

Functions, graphs, derivatives, integrals, techniques of differentiation and integration, exponentials, improper integrals and applications. Prerequisite: MATH 102

MAI – Artificial Intelligence (Graduate)**MAI 500 Artificial Intelligence** (3 Credit Hours)

This course covers advanced topics in artificial intelligence. Topics include search and optimization, simulated annealing, evolutionary algorithms, gradient optimization, constraint optimization, A* search, alpha-beta search, Monte Carlo tree search, probabilistic reasoning, Bayesian networks, hidden Markov models, Kalman filters, decision-making under uncertainty, influence diagrams, Markov decision processes, bandit problems, supervised learning, classification, deep learning, reinforcement learning, knowledge representation, propositional and first-order logic, ontological engineering, AI ethics and safety, privacy, bias and fairness in machine learning, and explainable AI.

MAI 510 Deep Learning (3 Credit Hours)

This course delves into advanced topics in deep learning, encompassing optimization, computer vision, computer graphics, unsupervised feature learning, deep language models, and deep learning for games. The class structure in delve into the foundational elements and insights behind designing, training, fine-tuning, and monitoring deep networks. The course explores both the theoretical aspects of deep learning and practical implementation sessions using PyTorch. Through homework assignments, students will create a vision system for a racing simulator, SuperTuxKart, starting from scratch. delves into various application areas of deep

networks, including computer vision, sequence modeling in natural language processing, deep reinforcement learning, generative modeling, and adversarial learning.

MAI 520 Ethics in AI (3 Credit Hours)

The objective of this course is to equip AI professionals with the essential ethical awareness required when developing systems that can have significant, and potentially life-altering, impacts. Initially, students delve into the historical contexts of ethics and AI, gaining insights into the foundations of contemporary global ethical perspectives, including non-Western and feminist viewpoints. They also analyze the various influences on the design, development, and implementation of AI-based systems. As the course progresses, students explore the societal dimensions of AI ethics and values, delving into the broader implications for society. Additionally, they examine the technical aspects of AI ethics and values, focusing on critical design considerations such as fairness, accountability, transparency, power dynamics, and individual agency. This course is crucial for students aiming to navigate the ethical complexities inherent in AI development throughout their careers. By gaining a comprehensive understanding of ethical challenges and responsibilities, students will be better prepared to fulfill their roles as responsible AI professionals in an increasingly AI-driven world.

MAI 540 Machine Learning (3 Credit Hours)

This course delves into fundamental algorithmic and statistical concepts in machine learning, which are essential for understanding and applying machine learning techniques effectively. Machine learning tools have become pervasive across various scientific disciplines, including engineering, computer vision, and biology. This class introduces key mathematical models, algorithms, and statistical tools necessary for performing fundamental tasks in machine learning. Programming examples on diverse datasets are used to illustrate the practical applications of these concepts.

MAI 560 Planning, Search, and Reasoning Under Uncertainty (3 Credit Hours)

This course delves into the exploration of defining planning domains, which includes creating representations for world states and actions, encompassing both symbolic and path planning. Students will examine algorithms aimed at efficiently generating valid plans, whether optimized or not, and providing either partially ordered or fully specified solutions. Furthermore, delve into decision-making processes and their practical applications in addressing real-world challenges involving complex autonomous systems. The exploration will also focus on efficient search methods for finding solutions in planning domains with finite state lengths. Moreover, to enhance effectiveness in real-world planning and action, study methods for reasoning about sensing, actuation, and handling model uncertainty. Throughout the course, draw connections between classical approaches that offered initial solutions to these challenges and modern machine learning techniques, showcasing how they build upon and complement traditional methodologies.

MAI 580 Artificial Intelligence for Human-Computer Interaction (3 Credit Hours)

This course offers an overview of the wide range of AI techniques that exploit knowledge of the domain and humans to facilitate interaction between humans and systems, mediate human-human interaction, leverage humans to improve system performance, and promote beneficial outcomes at the social and individual level. Topics can include AI/human computation, plan and activity recognition, smart sensing/homes, active learning, preference elicitation, intelligent/adaptive user interfaces, and mixed human-agent simulations. Studies how to design and develop intelligent interaction technologies while also critically assessing their social and ethical impact.

MAI 600 Natural Language Processing (3 Credit Hours)

Natural Language Processing (NLP) course is a branch of artificial intelligence (AI) that focuses on enabling computers to understand, interpret, and generate human language in a way that is both meaningful and useful. It encompasses a wide range of techniques and algorithms designed to process and analyze natural language data, such as text and speech, to extract information, derive insights, and facilitate communication between humans and machines.

MAI 610 Optimization (3 Credit Hours)

This course is designed to provide students with a comprehensive understanding of optimization techniques and their applications across various domains. Optimization plays a fundamental role in decision-making,

resource allocation, problem-solving, and improving efficiency in complex systems. Students will explore both theoretical concepts and practical implementations of optimization algorithms.

MAI 620 Advanced Applied Machine Learning (3 Credit Hours)

Machine learning, a subset of artificial intelligence, involves constructing and utilizing data models based on robust analytical algorithms. However, building effective machine learning subsystems within an AI system requires more than simply applying algorithms to datasets or experimenting with a toolbox library. This course delves into advanced topics encompassing innovative techniques and solutions to diverse machine learning challenges. This participant will begin by exploring Machine Learning Operations (MLOps) and then delve into various model analysis techniques. These topics include but are not limited to Recommender Systems, Hyper parameter Optimization, Transfer Learning, and Explainable AI. Through this course, students will gain insights into sophisticated methodologies and tools essential for developing robust and efficient machine learning systems in the realm of artificial intelligence.

MAI 630 Computer Vision (3 Credit Hours)

This course provides an introduction to computer vision including: fundamentals of image formation; camera imaging geometry; feature detection and matching; multiview geometry including stereo, motion estimation and tracking; and classification. Students develop basic methods for applications that include finding known models in images, depth recovery from stereo, camera calibration, image stabilization, automated alignment (e.g. panoramas), tracking, and action recognition.

MAI 640 Cognitive and Behavioral Foundations for Artificial Intelligence (3 Credit Hours)

The course is designed to provide students with a deep understanding of the underlying principles and mechanisms governing human behavior and cognition. By delving into these areas, students will gain insights into how these principles can be applied to address current and emerging challenges across industries. Key topics to be covered include vision, audition, language processing, learning mechanisms, emotional and social cognition, creativity, and consciousness. This course offers a unique opportunity to explore the intersection of AI and human cognition, preparing students to navigate the evolving landscape of AI technologies and their societal implications.

MAI 650 Deep Learning Developments with PyTorch (3 Credit Hours)

PyTorch stands out as a leading machine learning framework built upon the Torch library. Renowned for its adaptability and user-friendly interface, PyTorch has garnered a substantial following in both industry and academia, becoming the go-to choice for many cutting-edge research projects. Its popularity is evidenced by the fact that a significant portion of modern research code is written using PyTorch. In this course, we offer a comprehensive exploration of PyTorch, providing a step-by-step guide to its modern applications. The course content is structured to cover a wide array of topics, primarily focusing on three prominent application areas: computer vision, natural language processing, and reinforcement learning. Throughout the course, students will delve into the intricacies of utilizing PyTorch for various tasks, including but not limited to image/video classification, object detection, semantic segmentation, text classification, sequence-to-sequence translation, visual question answering, and Deep Q-Networks (DQN) for reinforcement learning. Moreover, the course delves into modern deep learning architectures, providing insights into 2D/3D convolutional neural networks (CNNs), recurrent neural networks (RNNs), long short-term memory (LSTM) networks, transformers, and encoder-decoder networks. By thoroughly exploring these architectures, students will gain a solid understanding of how to leverage PyTorch effectively for state-of-the-art deep learning applications across diverse domains.

MAI 660 Large Language Models: Theory and Practice (3 Credit Hours)

A recent advancement in neural network technology, known as the large language model (LLM), has been making waves in the media lately. Notably, ChatGPT and Microsoft's new Bing Chat interface have been grabbing headlines regularly. This course serves as a comprehensive introduction to this cutting-edge technology, delving into its historical roots in computational linguistics and language modeling and examining the foundational design principles that drive its implementation in modern AI systems. Throughout the course, students will delve into various aspects of LLM technology, gaining insights into language modeling, the

attention mechanism, prompt and instruction tuning, composability, quantization, low-rank adaptation, and a plethora of software and hardware optimizations. These optimizations are crucial for enabling LLMs to operate at scale while maintaining acceptable latencies, making them viable for real-world applications in diverse domains. By the end of the course, students will have a deep understanding of the intricacies involved in leveraging LLMs effectively in AI systems.

MAI 670 Game Design and Analysis (3 Credit Hours)

Provides theoretical background and foundation for analyzing and designing games. Examines fundamental domains that are necessary to understand what games are and how they affect players, including but not limited to interface design, level design, narrative, learning, and culture. Presents relevant concepts and frameworks from a wide variety of disciplines—psychology, phenomenology, sociology, anthropology, media studies, affect theories, learning theories, and theories of motivation—for each domain. Explains the core elements of game design, introduces students to formal abstract design tools, explores several models of design process and iteration, and offers students an opportunity to practice game design in groups.

MAI 680 AI Generative (3 Credit Hours)

The AI Generative course immerses learners in the essential knowledge and practical skills needed to fully harness the potential of this groundbreaking technology. It is meticulously designed to equip participants with comprehensive expertise in artificial intelligence, particularly focusing on Generative AI—a domain where machines demonstrate the remarkable ability to create art and other creative outputs.

MAI 700 Capstone Course: AI Master's Project (3 Credit Hours)

The course is an integrative experience that brings together all components of the Masters non-thesis graduate program in an applied, hands-on real-world setting.

MAN – Management (Graduate)**MAN 510 Leadership and Organizational Behavior** (3 Credit Hours)

Although skills in finance, accounting, marketing, operations, and strategy are crucial for organizational success, the ability to manage an organization, its groups, and its individuals is equally important. In your careers, you will depend on people to accomplish tasks, goals, and projects; you will need to work for other people, work with other people, and supervise other people. An understanding of the human side of management is an essential complement to the technical skills you are learning in other core business courses. Although we will focus on business organizations, you will find that the course concepts have valuable applications to other types of organizations, including non-profits, athletic teams, social club, and religious and political groups. This course is an introduction to the basic concepts and topics in organizational behavior (OB) and management. The course focuses on OB at three levels: individual, interpersonal, and collective. We will start at the individual level, covering decision-making, motivation, and personality. We will then turn to the interpersonal level, covering power, influence, and negotiations. Finally, we will move up to the collective level, covering leadership and organizational context.

MAN 520 Quantitative Business Management (3 Credit Hours)

This course introduces fundamental quantitative analysis theories, such as basic probability theories and descriptive statistics. The course will not focus on the statistics theories, but will emphasize on the application of statistical packages to solve a variety of management issues, such as primary data processing techniques, various forecasting methods, inventory control models, and quality control models. After completing this course, students are expected to use Excel to solve these common management problems as well as constrained optimization problems. Students will gain some experience in applying these statistical tools to real world problems by collecting, processing, and analyzing their own data in team assignments and a case study.

MAN 530 Accounting, Planning & Control (3 Credit Hours)

This course is designed to prepare business managers with both accountancy and business management skills essential in today's complex business environment. The course's learning objectives reflect that: modern accounting with the advent of information technology is no longer simply the recording of historical facts but the assembly and management of accounting information and its distribution to both external and internal

users; this information facilitates the decision processes necessary to compete in today's increasingly complex business world and; an accounting information system capable of providing relevant, timely and reliable information must be administered by knowledgeable, competent management skilled in both accountancy and business management.

MAN 531 HR Fundamentals and Organizational Dynamics (3 Credit Hours)

The course takes a practical view that integrates the contributions of the behavioral sciences with the technical aspects of implementing the HR function in the 'real world.' Certainly, not everyone who takes this course will become a human resource professional, although they will learn a great deal about those roles. Indeed, for many students this course will be the only HR course they take. However, all managers, no matter what their specialization, play an integral role in carrying out HR policies and practices in their organization and they have to deal with their Healthcare human resources department. Each week, students will analyze case studies about how different factors at play in the industry affect their role.

MAN 540 Financial & Decision Making (3 Credit Hours)

This course familiarizes students with accounting and financial concepts and the application of financial techniques and analytical methods in the planning, controlling and coordinating functions of managers. Having appropriate, timely, and accurate financial information is the cornerstone of a great performance management system. This course will introduce students to the world of corporate finance and number driven financial metrics, enabling them not just to build financial reports, but to be capable of conducting a thorough analysis about the financial condition of the firm, explaining how and why results were attained using an analytical and numerical lens of financial reporting. As well, this course will illustrate how a Balanced Score Card is designed and maintained, through analytics about how businesses and organization create, deliver, and appropriate value.

MAN 550 Marketing and Consumers Management (3 Credit Hours)

This course examines marketing management from the perspective of the consumer. Topics include market research, consumer behavior and decision-making, segmentation, targeting and positioning, product, pricing, distribution, and promotion strategies, and the measurement of customer value. Students develop a marketing plan based on consumer insights.

MAR – Digital Marketing (Graduate)

MAR 600 Social Media Marketing: Google, Facebook, Instagram & YouTube (3 Credit Hours)

Why do businesses exist and why do my customers care? Students will get a complete understanding of the current digital landscape to drive success and growth for the companies they work for and/or for their own. In this course you will learn how to create effective Social Media campaigns to help you drive conversions at organizations, startups or personal brands. You will learn how to plan an effective campaign, including how to choose the right ad objective and target audience and how to best measure campaign performance. This course teaches you to create, publish, and purchase ads on the Facebook and Google family of apps and services, and more importantly, how to properly navigate through these platforms. You will learn to get up and running with attractive, effective, native ad placements and will provide practical implementation guidance and show several examples to inspire you. You will learn how to properly use the Instagram Business Tools function, the Facebook for Business Advertising platform, and the Google AdWords function for YouTube. Covering the most relevant social media channels, to analyzing audience data and creating cohesive brand content. Whether you want to build a brand, acquire followers and users, or develop digital strategy skills, the course will focus on teaching you the latest tactics to attract and engage customers in the digital age.

MAR 620 The Value of Content: Monetizing Your Content (3 Credit Hours)

The course explores the relationship between audience, purpose and text in a cross section of social media, including Tweets, blog posts, Facebook updates, and Instagram photos. Students will develop skills for evaluating each form of writing, find examples, assess what makes them effective, consider the decoding skills they demand from readers, and practice the form using tried and true social media writing tactics. As participants practice the craft of writing for social media, they will receive detailed, constructive feedback on all assignments. This course helps students develop skills in digital marketing analysis and planning, and

introduces key marketing ideas and phenomena, such as how to deliver benefits to customers and marketing analytics. It presents a framework for marketing analysis and enhances problem solving and decision-making abilities in these areas. Material relevant to understanding, managing, and integrating marketing concepts in managerial situations, from entrepreneurial ventures to large multinational firms, and to consulting are presented.

MAR 640 Measuring Your Performance: ROI for Social Media *(3 Credit Hours)*

This course will provide students with an in-depth, hands-on exploration of current trends and tools including quantitative and qualitative measurement methodologies for social media. Participants will learn to communicate return on investment (ROI) of social media to a non-expert audience. Participants will develop skills to analyze how the performance of their social media strategies directly impacts the strategic priorities and mission goals of their organizations. From gaining proficiency in digital marketing to finding meaning in user behavior; developing and planning campaigns driven by data and measured by key performance indicators, to becoming a driver of a company by using techniques and platforms to market products, acquire users, gain followers and maintaining them.

MATH – Mathematics**MATH 102 College Algebra** *(3 Credit Hours)*

An overview of the fundamental concepts of algebra. Topics include linear and quadratic equations and inequalities; the Cartesian plane and graphing; using a graphing utility; functions; graphs, and models; polynomial and rational functions; exponential and logarithmic functions; systems of equations, inequalities, and matrices. * General Education Requirement.

MATH 110 Business Math *(3 Credit Hours)*

Introduction to the mathematics of business. Course topics include discounts, markdowns, sales tax, property tax, federal income take, daily and compound interest.

MBA – Master of Business Administration**MBA 501 Managerial Economics** *(3 Credit Hours)*

Managerial Economics is the application of economic theory and methodology to managerial decision-making problems within various organizational settings. Managerial Economics is concerned with the application of economic principles and methodologies to key management decisions. A primary purpose of the course is to develop tools useful in other Atlantis University courses since economics is the foundation for much of what is taught in finance, marketing, business strategy and many other courses in the MBA program. Additionally, this course seeks to teach students how to increase a company's profitability by applying economic analysis to a wide array of business problems, using a problem-solving approach to achieve such objective.

MBA 510 Leadership and Organizational Behavior *(3 Credit Hours)*

Although skills in finance, accounting, marketing, operations, and strategy are crucial for organizational success, the ability to manage an organization, its groups, and its individuals is equally important. In your careers, you will depend on people to accomplish tasks, goals, and projects; you will need to work for other people, work with other people, and supervise other people. An understanding of the human side of management is an essential complement to the technical skills you are learning in other core business courses. Although we will focus on business organizations, you will find that the course concepts have valuable applications to other types of organizations, including non-profits, athletic teams, social club, and religious and political groups. This course is an introduction to the basic concepts and topics in organizational behavior (OB) and management. The course focuses on OB at three levels: individual, interpersonal, and collective. We will start at the individual level, covering decision-making, motivation, and personality. We will then turn to the interpersonal level, covering power, influence, and negotiations. Finally, we will move up to the collective level, covering leadership and organizational context.

MBA 521 International Strategic Management (3 Credit Hours)

This course will provide graduate students with a framework to understand the structure and dynamics of International Strategic Management in relations to Business Growth, Performance, and Results. In addition, this hands-on class intends to provide graduate students with a deep understanding and practical skills to develop International Strategic Management plans and initiatives in a globalized business environment heavily influenced by digital, interactive, viral, Web 2.0, Web 3.0, Social Media, and High Tech-Knowledge-Innovation environments.

MBA 533 Human Capital Management (3 Credit Hours)

This course focuses on familiarizing students with the basic principles and techniques of human resource management. The course takes a practical view that integrates the contributions of the behavioral sciences with the technical aspects of implementing the HR function in the 'real world.' Certainly, not everyone who takes this course will become a human resource professional, although they will learn a great deal about those roles. Indeed, for many students this course will be the only HR course they take. However, all managers, no matter what their specialization, play an integral role in carrying out HR policies and practices in their organization and they have to deal with their organization's human resources department.

MBA 541 Quantitative Business Management (3 Credit Hours)

This course introduces fundamental quantitative analysis theories, such as basic probability theories and descriptive statistics. The course will not focus on the statistics theories, but will emphasize on the application of statistical packages to solve a variety of management issues, such as primary data processing techniques, various forecasting methods, inventory control models, and quality control models. After completing this course, students are expected to use Excel to solve these common management problems as well as constrained optimization problems. Students will gain some experience in applying these statistical tools to real world problems by collecting, processing, and analyzing their own data in team assignments and a case study.

MBA 550 Economic Analysis and Business Decisions (3 Credit Hours)

This course is the MBA core subject in microeconomics. The course objective is to give students a working knowledge of the analytical tools that bear most directly on the economic decisions firms must regularly make. Emphasis is made on market structure and industrial performance, including the strategic interaction of firms. Behavior of individual markets - and the producers and consumers that sell and buy in those markets - is examined in some detail, focusing on cost analysis, the determinants of market demand, pricing strategy, market power, and the implications of government regulatory policies. The course examines implications of economics on other business practices, such as incentive plans, auctions, and transfer pricing.

MBA 561 Innovative Business Law (3 Credit Hours)

This is an introduction to business law covering the fundamentals, including contracts, liability, regulation, employment and corporations broadly, with an in-depth treatment of the legal issues relating to breakthrough technologies, including the legal framework of R&D, the commercialization of new high-technology products in start-ups and mature companies, and the liability and regulatory implications of new products and innovative business models. An exploration of the national and international intellectual property protection and strategies with examples drawn from many industries, among them: information technology, healthcare, insurance, communications, and multinational corporations.

MBA 621 Business Analytics (Data Mining) (3 Credit Hours)

Data keeps gaining relevance in managerial decisions at an incredible rate due to a host of technological advances. Business analytics and data mining have evolved from statistics and artificial intelligence.

Electronic data capture has become inexpensive and abundant as a by-product of innovations like the internet, e-commerce, electronic banking, POS devices, and intelligent machines among other. This data is often stored in data warehouses intended for management decision support. Data mining is a growing field that explores developing techniques to assist decision makers make smart use of data. The course will cover methods that have emerged from statistics and artificial intelligence proven to be of great value in pattern recognition for making predictions and business decisions. Some exploration of data-mining software will be used to allow hands-on experience for students.

MBA 671 Information and Technology Systems (3 Credit Hours)

Management Information Systems: Information systems have become the enabling technology for business. Businesses and organizations that are not exposed, aware, or do not use the latest applications, solutions, and IT infrastructure are compromising their current and future competitive position. This course balances theory with applications through case studies and projects that emphasize the effectiveness of organizational information systems in achieving the objectives for which the systems are designed. Factors such as the organizational structure and information requirements are studied within the context of ethical, economic, and socio-technical factors that affect the design of systems and the processes of converting data to information, information to knowledge, and knowledge to intelligence.

MBA 675 IT and Business Transformation (ITBT) (3 Credit Hours)

Information systems have become the enabling technology for business. Businesses and organizations that are not exposed, aware, or do not use the latest applications, solutions, and IT infrastructure are compromising their current and future competitive position. This course balances theory with applications through case studies and projects that emphasize the effectiveness of organizational information systems in achieving the objectives for which the systems are designed. Factors such as the organizational structure and information requirements are studied within the context of ethical, economic, and socio-technical factors that affect the design of systems and the processes of converting data to information, information to knowledge, and knowledge to intelligence. The purpose of course is to provide students with a view of IT-enabled transformation and the strategic issues in the management of IT. The course will bring in CIOs, CEOs, and experienced consultants and industry observers to provide their perspectives and tell their stories about the use and management of IT today. Their talks will deal with the new technology, the new applications, the issues of implementation, the changes in industries and companies, and the strategic management of IT. In addition, there will be several case discussions of issues to be decided by senior management, with students taking on the position of executives and consultants. There will also be frameworks presented and used to position all material and speakers. Finally, one session will consist of ITBT alumni discussing career opportunities and issues for students, particularly from MIT, with these interests. Students will gain a perspective of the strategic role of and issues in managing IT as manifested in e-business applications, as a driver and enabler of business transformation, and as an underlying infrastructure resource for all businesses.

MBA 681 Markets and Consumers Based Management (3 Credit Hours)

This course studies the scope of International Marketing, the structure of multinational markets, foreign market research, international advertising and promotion, international distribution channels, international product policy and international pricing policy. In addition, the fundamentals of International Marketing Strategies and Consumer Behavior will be addressed paying particular attention to the science of understanding how consumers act, react, think and feel have evolved dramatically in the last decade. Nowadays, consumer behavior has become more a human science than just a branch of marketing.

MBA 691 Financial Management (3 Credit Hours)

This course familiarizes students with accounting and financial concepts and the application of financial techniques and analytical methods in the planning, controlling and coordinating functions of managers. Having appropriate, timely, and accurate financial information is the cornerstone of a great performance management system. This course will introduce students to the world of corporate finance and number driven financial metrics, enabling them not just to build financial reports, but to be capable of conducting a thorough analysis about the financial condition of the firm, explaining how and why results were attained using an analytical and numerical lens of financial reporting. As well, this course will illustrate how a Balanced Score Card is designed and maintained, through analytics about how businesses and organization create, deliver, and appropriate value.

MBA 695 Finances for Executives (3 Credit Hours)

This course familiarizes students with accounting and financial concepts and the application of financial techniques and analytical methods in the planning, controlling and coordinating functions of managers. Having appropriate, timely, and accurate financial information is the cornerstone of a great performance management system. This course will introduce students to the word of corporate finance and number driven financial

metrics, enabling them not just to build financial reports, but to be capable of conducting a thorough analysis about the financial condition of the firm, explaining how and why results were attained using an analytical and numerical lens of financial reporting. As well, this course will illustrate how a Balanced Score Card is designed and maintained, through analytics about how businesses and organization create, deliver, and appropriate value.

MBA 698 Accounting for Managers *(3 Credit Hours)*

This course is designed to prepare business managers with both accountancy and business management skills essential in today's complex business environment. The course's learning objectives reflect that: modern accounting with the advent of information technology is no longer simply the recording of historical facts but the assembly and management of accounting information and its distribution to both external and internal users; this information facilitates the decision processes necessary to compete in today's increasingly complex business world and; an accounting information system capable of providing relevant, timely and reliable information must be administered by knowledgeable, competent management skilled in both accountancy and business management.

MBA 699 Accounting for Management Planning and Control *(3 Credit Hours)*

This course is designed to prepare business managers with both accountancy and business management skills essential in today's complex business environment. The course's learning objectives reflect that modern accounting with the advent of information technology is no longer simply the recording of historical facts but the assembly and management of accounting information and its distribution to both external and internal users; this information facilitates the decision processes necessary to compete in today's increasingly complex business world and; an accounting information system capable of providing relevant, timely and reliable information must be administered by knowledgeable, competent management skilled in both accountancy and business management.

MBA 702 Operations and Project Management *(3 Credit Hours)*

This course provides the student with a survey of the concepts, tools and applications in the field of operations management. The Master of Business Administration with a Concentration in Operations and Project Management prepares individuals to face the advanced management and administrative challenges encountered in the current large scale and/or complex high-tech global organizations. In particular, this concentration provides technically and operationally oriented professionals with the skills necessary to effectively and efficiently manage large-scale projects and continuously improve related organizational processes and procedures. Complementing classes on project and operations management, the courses in the program are designed to provide the student with superior skills in online communications, financial management and business law that are needed to compete in the rapidly developing, highly competitive field of global business management.

MBA 705 Entrepreneurship Business Project *(3 Credit Hours)*

This course provides the student with a survey of the concepts, tools and applications in the field of operations management. The Project Management course prepares individuals to face the advanced management and administrative challenges encountered in the current large scale and/or complex high-tech global organizations. In particular, this concentration provides technically and operationally-oriented professionals with the skills necessary to effectively and efficiently manage large-scale projects and continuously improve related organizational processes and procedures. Complementing classes on project and operations management, the courses in the program are designed to provide the student with superior skills in online communications, financial management and business law that are needed to compete in the rapidly developing, highly competitive field of global business management.

MBA 710 Applied Business Experience *(3 Credit Hours)*

MBA 710 is a required practicum in which students apply MBA competencies in an authentic organizational environment through an approved professional experience directly connected to the MBA curriculum. Under faculty supervision, students complete an individual learning plan connecting their professional responsibilities to program competencies, analyze the business environment and a relevant organizational problem, and

complete a final professional business report with presentation and defense of findings and recommendations. The course is delivered over 16 weeks and may be taken once a student has completed at least six (6) credits of graduate-level coursework. Students who require work authorization to participate in this practicum, including international students in F-1 status, must obtain the appropriate authorization from the University's Designated School Official (DSO) prior to beginning the experience.

MBA 711 Final Project (Capstone) *(3 Credit Hours)*

The course aims for students to:

- * Conduct environmental scanning activities (e.g., cultural, political, social, legal and economic factors) on chosen international markets for evaluation of potential business opportunities.
- * Perform secondary market research to obtain market for evaluation of potential business opportunities.
- * Perform secondary market research to obtain market intelligence on an international level.
- * Select, analyze, and define international target markets for selected products or services.
- * Design international distribution systems and implementation strategies for selected products or services.
- * Develop proposals for international promotional strategy given selected products or services using a combination of international business and marketing strategies.
- * Determine international pricing options for selected products or services.
- * Demonstrate an integrated understanding of international markets by analyzing business and marketing challenges and providing detailed solution alternatives.

MCS – Cybersecurity

MCS 516 Principles of Information Security *(3 Credit Hours)*

This course is designed to cover the principal's aspect related to Information Security, as part of Information Assess Risk Management. At the end of the course students will be able to evaluate threats, validate, know, and understand the key aspects in information security assessment, as well as to understand the process to assure that existing and new information technologies meet an organization's cybersecurity and risk requirements.

MCS 524 Network, Protocols and Security *(3 Credit Hours)*

This course is designed to cover Network protocols, their importance and critical aspects in the context of Network Services and their security. At the end of the course, students will be able to plan, design and provide recommendations to support information security and information systems distributed or supported over network operations, considering cybersecurity landscapes (firewalls, routers, proxy servers, clients' applications, and their network protocols).

MCS 539 Advanced Cryptography *(3 Credit Hours)*

This course is designed to cover Cryptography as a component of a cybersecurity infrastructure. At the end of the course, students will be able to understand the role and the importance of cryptography to protect information and to prevent intruder access to an organization's cyberspace. As part of cryptography applications covered in the course, students will be able to make decisions based on exploitation analysis to prevent, defend, and assure, that data contained within an organization's data system is kept safe in a real cyber-attack scenario.

MCS 563 Cloud Security *(3 Credit Hours)*

This course is designed to cover Cloud Services security as part of a cybersecurity infrastructure. Cloud Services have become a reality and the ultimate promise for Platform as a Service (PaaS) in almost every business particularly in an era characterized by cyber-attacks. Cloud security deployment is a long-run business decision that needs consideration under strategic horizons. At the end of this course, students will be able to design, develop and deploy cybersecurity workforce plans and strategies, and provide guidance to support cybersecurity environments. Pre-requisites: MCS 524 and MCS 539.

MCS 592 Computer Forensics *(3 Credit Hours)*

This course is designed to cover computer forensics topics in the context of IT Operations and their management process. At the end of the course, students will be able to design and perform forensic analysis based on security threats, and preserve evidence to provide advising for company legal actions. Additionally, students will apply the results obtained from forensic analysis to cyber operational planning as part of IT Operations practices and procedures.

MCS 626 IT Operations (3 Credit Hours)

This course is designed to cover IT Operations in the context of cybersecurity and cyberspace. At the end of the course, students will be able to be part of the team that designs detailed intelligence plans to satisfy cyber operations requirements, evaluates threats in data and in information gathering processes, establishes appropriate strategies to keep scheduled management operations, avoids espionage or insider threats, foreign sabotage, and in general, intelligence activities that support an organization's operations.

MCS 655 Information Security and Penetration Testing (3 Credit Hours)

This course is designed to cover cybersecurity defense analysis through threat design and test it against an organization's information assets. At the end of the course students will be able to design and create their own exploitation artifacts to test the security of a cyber-infrastructure and its cyberspace in a controlled environment. Students will be able to take advantage of knowledge acquired through previous courses designing threats, and performing exploitation testing to uncover hidden IT Operation security vulnerabilities.

MCS 672 IT Auditing and Secure Operations (3 Credit Hours)

This course is designed to cover IT Operations security auditing. Topics will be covered in the context of cybersecurity management processes which include the whole IT Operations cycle. IT Auditing is part of organizational knowledge management process in the field of cybersecurity landscape. At the end of the course, students will be able to design and conduct IT Operations security audits, and understand, improve, and create compliance programs that support an organization's data/information privacy.

MCS 687 Ethical Hacking and Response (3 Credit Hours)

This course is designed to cover cybersecurity responses based on an assessment of internal targets. Students will be able to design and create cyber-attacks to test the cyber-infrastructure and the whole IT Operation security of an organization. Students will learn how to create exploitation, avoid cyber defense countermeasures, understand and test cyber-defense best practices, and to create countermeasures to overcome their own attacks.

MCS 710 Final Project (Capstone) (3 Credit Hours)

The final capstone project will combine the curricula to orient students to their research project in IT Operations in the context of cybersecurity landscape. At the end of the course students will present and defend their final research project.

MED – Education (Graduate)**MED 500 Psychology of Learning** (3 Credit Hours)

The purpose of this course is to provide the student with an advanced understanding of the major concepts, theories, methodologies and empirical findings of contemporary cognitive psychology. This course will facilitate the development of skills necessary to understand and critique research in the field of learning. The content allows the participant to learn the main psychological tendencies associated with learning, their most representative authors, postulates and their current state in the context of an education permeated by technology, transformative trends and social inequalities.

MED 510 Pedagogical Perspectives of Education, Trends & Developments (3 Credit Hours)

This course provides participants with a theoretical-practical approach in which the contents intertwine and complement each other in the analysis and understanding of the different present and future perspectives in education, generating comparisons that allow evaluating current trends and how they influence the innovation of teaching and learning today. This course on Pedagogical Perspectives of Education, Trends and Development is designed to assess current trends and problems in education. Students will take a constructivist approach to developing a leadership vision for the implications of past, present, and future educational developments.

MED 520 Adult Learning (3 Credit Hours)

This course provides the participant with the necessary competencies to analyze the theory of adult learning; applying to adult learning practices, according to the six principles of adult learning theory in the development

of the ability to integrate learning theory and current best practices based on teaching and educational research and planning. Topics include fields of practice, schools of thought, clarification of concepts, and emerging issues and challenges.

MED 533 Learning Process and Creativity (3 Credit Hours)

In this course students have the opportunity to get immersed in deep questions about learning, discussing the most provocative aspects, such as: What should be the true purpose of education? Do classrooms make sense anymore? What should individuals contribute to their own education? Are yesterday's distinctions between subjects and between the arts and sciences still meaningful? What would the ideal lifelong education look like at the K-12 level, in universities, in the workplace, and beyond?

MED 541 Emerging Technologies in Education (3 Credit Hours)

Students will design, implement, and assess examples of programs that apply emerging technologies. The course will focus on issues associated with the interface of technology and people.

MED 612 Curriculum, Instruction, and Assessment (3 Credit Hours)

Students identify, analyze, and apply curricular models, instructional, and assessment strategies in a classroom, demonstrate effective leadership, collaborative, and student advocacy skills, using self-reflection, critical thinking, and the application and interpretation of research outcomes to improve instruction and Curriculum.

MED 625 Designing Learning Environments (3 Credit Hours)

Learners apply psychological theories and instructional design models and principles to a continuum of learning environments, including face-to-face, blended, and online. They demonstrate the ability to manage and adapt learning experiences and instruction to each environment by emphasizing inclusion and collaboration, identifying and analyzing learners and learning tasks, goals, objectives, and assessments. Learners develop products in which they establish learning expectations, promote student-instructor and student-instructor interactions, determine instructional strategies and appropriate materials, and design formative and summative evaluations. Cybersecurity and cyberbullying are addressed within the context of effective learning environments.

MED 645 Scholarly Writing and research Strategies (3 Credit Hours)

This course analyzes the importance of scholarly writing in educational practice, the foundation of how to write in a scholarly mode, and research strategies to support a master project writing.

MED 699 Capstone Project (3 Credit Hours)

This course is the culminating experience of the MS Education program. It is recommended that students have completed all program courses to have a better understanding of critical knowledge and take full advantage of developing a Capstone project. The emphasis of this course is the completion of the project. The themes for the course are the development of an investigation, results of data analysis, discussion of results, and the presentation of the thesis or project. The development of the course takes into consideration the various facets of the methodological and epistemological aspects of the study conducted. The course is designed to strengthen the processes of analysis and systemizing information principally through qualitative and quantitative methods. The stated academic space is contemplated, as a scenario where the methodology, used is appropriate in relation to techniques sustained through technology (software) and the traditional techniques of interpretation and argumentation.

MEDL – Educational Leadership

MEDL 682 Teacher Leadership (3 Credit Hours)

This course provides with the knowledge and tools to help educators and teachers reach their full potential, learning to interpret research on leadership models, teacher evaluation, and motivation.

MEDL 683 Methods of Negotiation and Conflict Resolution (3 Credit Hours)

Success is attributed to effective decision making, a skill required for professional and personal reasons. An essential ability required by leaders; decision making is a process which identifies critical elements of a choice to determine a course of action. The focus for this course considers ways decisions are made and how these

techniques can be evaluated to improve outcomes. Specifically, the course addresses the development of skills to efficiently and consistently make informed decisions using data to maintain awareness of organizational needs, demographics, and performance levels. The role of collaboration in decision making is also a major focus.

MEDL 684 Strategic Operations Planning and Innovation (3 Credit Hours)

Students will design, develop, and implement models of strategic planning that exhibit innovation.

MEDT – Educational Technology**MEDT 685 Digital Educator** (3 Credit Hours)

This course uses a project-based approach in studying technology in education, best practices for classroom teachers, and strategies for professional development in light of emerging technologies. The course addresses standards for education, educators' digital presence, cloud computing, and digital ethics.

MEDT 686 Technology Curriculum and Planning with Technology (3 Credit Hours)

Using principles, theories, and models of curriculum design, learners build a school wide, standards-based technology curriculum that supports and enhances existing subject and content curriculum. Using the results of a current practice analysis, learners construct a measurable curriculum plan that promotes the integration and application of technology skills into the learning process, demonstrates the ability to differentiate instruction, and supports the needs of a varied student population. Additionally, learners prepare an implementation timeline and presentation to introduce the curriculum which identify the supportive role of the educational technology leader in helping students to achieve technology standards. Learners also demonstrate understanding of digital equity issues and strategies for resolving differing levels of access to technology resources.

MEDT 687 Instructional Models for Digital Learning (3 Credit Hours)

This course draws from multiple disciplines to explore design and strategies for computer- and web- based learning. Special attention is paid to collaborative learning, interactivity, assessment, and best use of technology tools.

MEE – Elementary Education (Graduate)**MEE 500 Theories of Learning and Development** (3 Credit Hours)

This course provides student theoretical knowledge about the psychology of learning, analyzing the various theories that allow survey how children and early adolescents grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas while understanding the implications for designing and implementing developmentally appropriate and challenging learning experiences. This survey of the seminal concepts, principles, theories, and research related to development of children and young adolescents will allow participants to build foundational knowledge for constructing learning opportunities that support individual students' development, acquisition of knowledge, and motivation.

MEE 510 Pedagogical Perspectives of Education, Trends & Developments in Elementary Education (3 Credit Hours)

This course provides an in-depth exploration of pedagogical perspectives, current trends, and emerging developments in elementary education. Students will examine various theoretical frameworks, instructional approaches, and innovative practices relevant to teaching wide-ranging populations, including students with exceptionalities. The course emphasizes the integration of research-based strategies, technology tools, and responsive practices to create immersive learning environments that promote academic achievement and social-emotional growth for all learners.

MEE 530 Learning Process and Creativity in Elementary Education (3 Credit Hours)

This course explores the fundamental principles of the learning process and the role of creativity in the context of elementary education. Students will delve into theories of learning, instructional strategies, and creative teaching approaches tailored to meet the varied needs of learners in immersive classrooms. The course

integrates theoretical knowledge with practical applications, emphasizing the development of effective teaching practices to support student engagement, learning outcomes, and individualized instruction.

MEE 540 Curriculum, Instructional & Assessment Strategies in the Immersive Classroom (3 Credit Hours)

This course is designed to equip educators with the knowledge, skills, and strategies necessary to effectively plan, implement, and assess curriculum in immersive classroom settings. Students will explore key concepts related to curriculum design, instructional methods, and assessment practices that promote meaningful learning experiences for varied learners. Emphasis will be placed on creating immersive and accessible learning environments that address the needs of students with varying abilities, backgrounds, and learning styles.

MEE 550 Digital Classrooms: Technology in Elementary Education (3 Credit Hours)

This course explores the integration of technology in elementary education, focusing on grades K-6. Students will examine various digital tools and platforms that enhance teaching and learning in the modern classroom. The course covers instructional strategies, digital literacy, and the ethical use of technology. Through hands-on experiences, collaborative projects, and critical analysis, students will learn to effectively incorporate technology to support various learning needs, foster engagement, and improve educational outcomes. By the end of the course, participants will be equipped with practical skills and knowledge to create dynamic, technology-rich learning environments.

MEE 560 Innovative Strategies for Teaching Mathematics with AI (3 Credit Hours)

This course explores cutting-edge strategies for teaching mathematics using artificial intelligence (AI). Designed for educators, the course delves into various AI tools and techniques that can enhance the teaching and learning of mathematics. Participants will learn to implement AI-driven personalized learning paths, intelligent tutoring systems, and data-driven insights to create more effective and engaging math instruction. The course includes hands-on experiences with AI technologies, collaborative projects, and critical analysis of AI applications in education. By the end of the course, participants will be equipped with the knowledge and skills to integrate AI into their math classrooms, fostering improved student outcomes and engagement.

MEE 600 Teaching Language Arts in the Elementary School (3 Credit Hours)

This course explores the foundational principles of language development, with a specific focus on phonics instruction and the science of reading. Students will examine theories and research-based practices related to phonemic awareness, phonics, fluency, vocabulary development, and comprehension strategies. Emphasis will be placed on understanding how to effectively teach phonics and decoding skills to support early literacy acquisition and reading proficiency in elementary education contexts.

MEE 610 Teaching of Science in the Elementary School (3 Credit Hours)

This course provides an in-depth exploration of effective methods and strategies for teaching science in elementary school settings (grades K-6). Participants will examine the principles of science education, including inquiry-based learning, hands-on experiments, and the integration of technology to enhance student engagement and understanding. The course emphasizes the development of scientific thinking, problem-solving skills, and the ability to foster a curiosity-driven learning environment. Through practical activities, collaborative projects, and reflective practices, educators will be equipped to design and implement dynamic science lessons that cater to varied student needs and align with current educational standards.

MEE 630 Innovative STEM Integration in Elementary Education (3 Credit Hours)

This course provides elementary educators with the knowledge and skills necessary to effectively integrate STEM (Science, Technology, Engineering, and Mathematics) into their classrooms. Focusing on innovative teaching strategies and interdisciplinary approaches, participants will explore how to design and implement STEM activities that are engaging, hands-on, and aligned with educational standards. The course emphasizes the development of critical thinking, problem-solving, and collaboration skills among elementary students. Through practical experiences, collaborative projects, and reflective practices, educators will learn to create dynamic STEM learning environments that inspire curiosity and a passion for discovery.

MEE 631 Assessing STEM Learning: Tools and Strategies *(3 Credit Hours)*

This course is designed to equip educators with the knowledge and skills necessary to assess STEM (Science, Technology, Engineering, and Mathematics) learning effectively. Participants will explore a variety of assessment tools and strategies that align with current educational standards and best practices in STEM education. The course covers both formative and summative assessment methods, including traditional tests, performance-based assessments, and the use of technology in assessment. Through practical experiences, collaborative projects, and reflective practices, educators will learn to create comprehensive assessment plans that not only evaluate student learning but also inform instruction and support continuous improvement in STEM education.

MEE 632 Innovative Approaches to STEM Education in Elementary Schools *(3 Credit Hours)*

This course explores innovative approaches to integrating STEM (Science, Technology, Engineering, and Mathematics) education into elementary school settings. Participants will examine cutting-edge strategies and pedagogical techniques designed to engage young learners in STEM disciplines. The course emphasizes hands-on learning, problem-solving, collaboration, and critical thinking skills development through project-based activities and real-world applications. Educators will explore how to foster a culture of inquiry and exploration, integrate technology effectively, and align STEM activities with educational standards. By the end of the course, participants will be equipped with practical skills and strategies to enhance STEM education in their classrooms, preparing students for future success in STEM fields.

MEE 640 Varied Learners in STEM *(3 Credit Hours)*

This course examines strategies for effectively engaging varied learners in STEM (Science, Technology, Engineering, and Mathematics) education. Participants will explore immersive practices and instructional strategies to support students with wide-ranging backgrounds, learning styles, and abilities in STEM subjects. The course emphasizes objectivity, accessibility, and responsive teaching approaches in STEM classrooms. Educators will learn how to differentiate instruction, provide personalized learning experiences, and create immersive learning environments that promote success for all students. Through case studies, practical applications, and collaborative projects, participants will develop the knowledge and skills necessary to address the various needs of learners in STEM education.

MEE 641 Methods in STEM Teaching for Elementary Educators *(3 Credit Hours)*

This course is designed to equip elementary educators with effective methods and strategies for teaching STEM (Science, Technology, Engineering, and Mathematics) subjects. Participants will explore pedagogical approaches that promote hands-on learning, inquiry-based instruction, and interdisciplinary connections within STEM disciplines. The course emphasizes practical applications and instructional techniques tailored to the developmental needs and learning styles of elementary students. Educators will learn to design engaging STEM lessons, integrate technology effectively, and assess student learning in STEM subjects. Through collaborative projects, case studies, and reflective practices, participants will develop the skills necessary to foster a love for STEM and prepare students for future success in STEM fields.

MEE 642 Digital Literacy and Computational Thinking for Elementary Students *(3 Credit Hours)*

This course focuses on developing digital literacy and computational thinking skills in elementary students. Participants will explore foundational concepts and practical strategies to integrate technology effectively into elementary education, fostering digital literacy and computational thinking across various subjects. The course emphasizes hands-on activities, coding exercises, and interactive learning experiences to enhance students' problem-solving abilities and creativity. Educators will learn to design engaging lessons, utilize educational technology tools, and assess student learning in digital and computational skills. Through collaborative projects, case studies, and reflective practices, participants will gain the knowledge and skills to empower elementary students with essential digital competencies for the 21st century.

MEE 650 Project-Based STEM Learning Experiences *(3 Credit Hours)*

This course explores the principles, strategies, and implementation of project-based learning (PBL) in STEM (Science, Technology, Engineering, and Mathematics) education. Participants will delve into the design and facilitation of meaningful, inquiry-driven STEM projects that engage elementary and middle school students.

The course emphasizes hands-on exploration, collaborative problem-solving, and real-world applications to deepen understanding and interest in STEM disciplines. Educators will learn to develop authentic project-based learning experiences, integrate technology effectively, and assess student learning outcomes. Through practical applications, case studies, and collaborative projects, participants will gain the skills to create engaging STEM learning environments that foster creativity, critical thinking, and innovation.

MEE 651 Play: Theoretical Foundations and Applications (3 Credit Hours)

This course explores the theoretical foundations, developmental benefits, and practical applications of play in early childhood and elementary education. Participants will examine various theories of play, including cognitive, socio-emotional, and cultural perspectives, to understand its role in child development and learning. The course emphasizes the importance of play in fostering creativity, problem-solving skills, social interaction, and emotional regulation among young learners. Educators will explore how to design and implement play-based learning experiences that align with educational goals and curriculum standards. Through case studies, practical applications, and reflective practices, participants will gain the knowledge and skills to effectively integrate play into educational settings to support holistic child development.

MEE 652 Robotics and AI in Elementary Classrooms (3 Credit Hours)

This course introduces elementary educators to the integration of robotics and artificial intelligence (AI) in educational settings. Participants will explore the foundational concepts of robotics and AI, focusing on their application in elementary education to enhance student engagement and learning outcomes. The course emphasizes hands-on exploration, problem-solving, and collaborative learning experiences using robotics and AI technologies. Educators will learn to design and facilitate robotics projects, integrate AI tools effectively, and assess student learning in STEM (Science, Technology, Engineering, and Mathematics) subjects. Through practical applications, case studies, and collaborative projects, participants will gain the knowledge and skills to create innovative learning environments that prepare elementary students for future technological advancements.

MEE 700 Capstone Project in Elementary Education (3 Credit Hours)

The Capstone Project for the Master in Elementary Education program serves as a culminating academic and intellectual experience for students. This project is designed to integrate and apply the knowledge, skills, and methodologies acquired throughout the coursework. Students will engage in a comprehensive research or practice-based project that addresses a significant issue or innovation in elementary education. The Capstone Project allows students to demonstrate their proficiency in educational theory, research, and practice, showcasing their ability to contribute meaningfully to the field of elementary education.

MET – Engineering & Technology (Graduate Core)

MET 510 Network Systems and Technologies (3 Credit Hours)

This course provides a comprehensive study of network systems and technologies used in enterprise environments. Topics include network architectures and models, local and wide area networks, wireless and mobile networks, routing and switching, network protocols, network performance, and the management and security of network infrastructure.

MET 520 Cloud Computing and Data Analytics (3 Credit Hours)

This course provides a comprehensive understanding to the world of big data and analytics. Big data is now a reality, the volume, variety and velocity of data coming into the enterprise continues at an unprecedented level. Data analytics is the process of examining data to uncover hidden patterns, unknown correlations and other useful information that can be used to make better decisions. In this course, students will learn how to connect and visualize complex data by utilizing techniques such as aggregators, time series, dashboard customization, storytelling, metadata grids, dual axis charts, etc. Basic statistical methods will be used such as regression, central tendency, and dispersion.

MET 530 Information Technology Project Management (3 Credit Hours)

This course presents the principles, processes, and tools for managing information technology projects. Topics include project initiation, scope definition, scheduling, cost estimation, risk management, quality,

communication, and stakeholder management, using both predictive and agile approaches. Students plan and control an IT project using project management software.

MET 540 Systems Integration and Architecture (3 Credit Hours)

This course examines how information systems, applications, networks, and data are designed and integrated into a coherent enterprise architecture. Topics include architecture frameworks, middleware, application programming interfaces (APIs), service-oriented and cloud architectures, data integration, and interoperability. Students evaluate integration requirements and design an architecture solution for an organization.

MHM – Hospitality Management**MHM 527 Management of the Hospitality Industry** (3 Credit Hours)

This course provides an overview of the management of hospitality organizations, including lodging, food and beverage, travel, and event operations. Students examine the structure of the industry, organizational and departmental functions, service quality, human resources, and financial performance, and apply management principles to current challenges in the hospitality industry.

MHM 559 Consumer Psychology, Persuasion Strategies and Customer Relationship Management (3 Credit Hours)

This course provides concepts and skills for delivering outstanding customer relations including problem solving, effective communications, dealing with challenging customers, and cultural components of customer interactions and service excellence. Students discuss customer relations goals, the importance of customer relations to business success, and current trends and practices.

MHM 645 Hospitality Marketing Strategy (3 Credit Hours)

This course concentrates on international/global issues and developments in hospitality marketing. Students will learn the different market segments and how to influence their buying habits through a variety of marketing techniques in the hospitality industry. Students will also learn to organize a comprehensive marketing strategy for a hospitality operation, including the key components of a marketing plan covering situation analysis, competitive set analysis, target markets, sales action plan, advertising strategies, web and e-marketing strategies, public relations, and collateral. The students should be able to evaluate the marketing techniques within the hospitality industry and apply different marketing strategies for hospitality marketing issues.

MHM 664 Hospitality Operations Management (Project Management) (3 Credit Hours)

This course will provide the key operational principles behind hospitality management – focusing on project management of a hotel business. It will explore the complexities relating to the hospitality business environment and the unique nature of the hotel sector in national and global contexts. This course provides hospitality managers and students with the information they need to know to manage the physical plant of a hotel or restaurant and work effectively. The course also prepares managers for responsible, educated, effective and efficient management of the physical plant demands; especially in the areas of energy, water and waste as related to their impact on the environment and facilities management.

MHM 671 Business Plan and Hospitality: Financial Analysis, Strategic Forecasting & Budgeting in Hospitality (3 Credit Hours)

This course provides learners the opportunity to apply the core concepts of strategic management within hospitality industry. Students learn how to effectively formulate and implement business policies while gaining insight into the effective evaluation of hospitality organizational practices. By focusing on key management topics and industry-applied cases, students gain an understanding of the growing importance of data, from operational and marketing information to financial and industry-vendor supplied data, in strategic decision-making. Through the development of a business plan, students gain an appreciation of how to effectively leverage organizational strategy to build a competitive advantage. The course will integrate academic and practical experiences in the analysis of viability of small and micro hospitality business ventures; covers the business planning process, the management of small enterprises, feasibility studies, formation of business plans, risk management, record keeping and personnel management and entrepreneurial characteristics. Topics will include political issues, social trends, and business cycles impacting hospitality businesses.

MHM 687 Hospitality Data Analytics (3 Credit Hours)

This course will expose you to the data analytics practices executed in the Hospitality business world. We will explore such key areas as the analytical process, how data is created, stored, accessed, and how the organization works with data and creates the environment in which analytics can flourish.

MHM 689 Hospitality Enterprise Technology & e-Tourism (3 Credit Hours)

The objective of this course is to study the use of information technology in the hospitality and travel industry. Students will learn the information technology needs of international tourism businesses, as well as the internet and information technology as tools that influence multicultural hospitality industry and tourism in worldwide businesses. Students will learn to define the requirements of a good e-commerce system. Students will develop capacities for synthesis and analysis in class discussions and a semester project on evaluation and development of mock e-commerce in the hospitality industry to increase international exposure in a multicultural context. Students will gain understanding and knowledge in the impact and significance of the information technology in the international multi-cultural hospitality business worldwide.

MHM 710 Final Project (Capstone) (3 Credit Hours)

The course includes opportunities to analyze hospitality issues, make business decisions, and solve practical problems through case studies and real situations. During the duration of the course, students will: Develop the ability to think strategically; Learn how to apply theory and concepts; Learn how to interpret research results; and Practice decision-making in a business operation.

MHM 801 Luxury Industry & Event Management Competitive Analysis (3 Credit Hours)

This course provides students with the opportunity to critically review microeconomic and macroeconomic theories, conceptual frameworks and other models in order to understand the dynamics of a given Hospitality industry and to conduct in-depth analysis within the Luxury Goods industry. All this culminates in the preparation of an Industry Analysis Report in which the students should demonstrate the knowledge acquired throughout the master program and this course.

MHM 802 Hospitality Asset Management (3 Credit Hours)

This course provides an overview of the strategies and tactics of real estate asset management and provides insights into the current market and operational challenges. Students will walk through the components of the asset management strategic plan to understand how different analyses influence the sell/hold, brand and operational decisions.

MHM 803 Contemporary Global Issues in Hospitality & Tourism (3 Credit Hours)

This course examines the current global issues and trends that affect the hospitality and tourism industry, including globalization, sustainability, technology, health and safety, geopolitical risk, labor markets, and changing traveler behavior. Students analyze case studies and develop strategic responses to emerging challenges and opportunities.

MHM 814 Human Factors in the Luxury Industry (3 Credit Hours)

This course provides students with theories, conceptual frameworks, and other models, to understand in detail how successful Luxury industry manages human resources in order to compete effectively in a dynamic, global environment.

MHM 815 Real Estate Markets, Institutions and Practices (3 Credit Hours)

This course will concentrate on applying economic and financial concepts to real estate problems. The class will survey topics in mortgage instruments, mortgage markets, income property analysis, real estate valuation, real estate markets, urban and regional economics, residential real estate closing, real estate brokerage and property management.

MHM 816 Tourism, Marketing and Sales (3 Credit Hours)

This course provides the hospitality management student the basic needs and value of marketing and sales efforts among hotels, airlines, restaurants, travel agents, and others in the industry, including marketing research and analysis, development and implementation of traditional and online marketing plans and strategies, advertising, promotions, public relations, and pricing structures.

MHM 827 Luxury Services, Communications and Media Planning (3 Credit Hours)

This course provides the hospitality management student the basic principles of media planning. It will prepare the student to understand Communications and Media Planning, interpret syndicated research, gather audience measurements, conduct competitive analysis, create and evaluate marketing/media objectives and, ultimately design effective integrated media plans for the luxury industry.

MHM 828 Real Estate Development and Market Analysis (3 Credit Hours)

This course covers the real estate development process for hospitality and related properties, from site selection and feasibility analysis to financing, design, construction, and operation. Students conduct market analyses of supply, demand, and competition, and evaluate the financial viability of a development project.

MHM 839 Travel, Casino, & Cruise Operations Management (3 Credit Hours)

This course examines the aspects of Travel, Casino, and Cruise operations and management including history, global market, economic significance, operations, sales and marketing procedures, services, planning and management.

MHS – Healthcare Management (Graduate)**MHS 510 Leadership and Organizational Behavior** (3 Credit Hours)

This course examines leadership theories, organizational behavior principles and evidence-based management practices in contemporary healthcare organizations, including nursing services. Students analyze how individual behavior, team dynamics, organizational culture, power, motivation, communication and decision-making influence workforce engagement, safety culture, organizational performance and patient outcomes.

MHS 520 Human Resources Management (3 Credit Hours)

This course offers a comprehensive, system-level exploration of human resources management (HRM) in healthcare organizations, including the nursing workforce. Students analyze human capital management as a strategic function and examine how individual, interpersonal and small-group behavior shapes workforce performance in complex healthcare systems. Topics include workforce planning, staffing and recruitment, compensation and benefits, performance management and peer review, training, talent development and succession, employee relations, and legal, ethical and global workforce issues.

MHS 530 Principles of Healthcare Financial Management (3 Credit Hours)

This course prepares graduate healthcare leaders, including nurse leaders, to apply financial management principles to healthcare organizations and services. Students analyze the healthcare financial environment, accounting principles, reimbursement and payer mix, revenue determination, financial statements, inflation, ratio and performance analysis, health economics, product costing, break-even and cost-volume-profit analysis, management control and budget variance analysis, and capital formation. Throughout the course, students connect financial decisions to staffing adequacy, quality, safety, equity and the value of care.

MHS 540 Legal and Ethical Considerations in Care Coordination (3 Credit Hours)

This course prepares graduate healthcare leaders, including nurse leaders, to apply legal and ethical principles to care coordination and organizational decision-making. Students analyze ethical theories and principles, professional codes of ethics including the ANA Code of Ethics, patient rights, informed consent, capacity and surrogate decision-making, confidentiality and privacy, reproductive technologies, aging and public programs, patient safety and error disclosure, ethics committees, spirituality, healthcare reform, health inequities and algorithmic bias, and the ethics of epidemics and disaster planning.

MHS 550 Community Health (3 Credit Hours)

This course prepares graduate healthcare leaders, including nurse leaders, to assess and improve the health of communities and populations through the interrelated effects of social, economic, environmental, organizational and policy determinants. Students apply community health improvement frameworks, stakeholder engagement, primary and secondary data collection, surveillance systems, benchmark-based interpretation, transparent priority setting and evidence-based intervention planning, with attention to health equity, environmental justice, managed care, quality, cost and the built environment.

MHT – Hospitality Technology**MHT 801 Internet of Things (IoT) and Automation Systems in Smart Hotels** (3 Credit Hours)

This course, integrated into the Master's in Hospitality Management program, equips participants with the essential skills needed to cultivate smart hotel environments by leveraging Internet of Things (IoT) devices. Through this course, students learn how to optimize operations and enhance the guest experience within the hospitality industry. By delving into IoT technology, participants gain insights into how to streamline various aspects of hotel management, ultimately leading to improved efficiency and guest satisfaction.

MHT 814 Artificial Intelligence (AI) and Machine Learning Applied to Hotel Management (3 Credit Hours)

This course delves into the innovative applications of Artificial Intelligence (AI) and machine learning within the context of hotel management. Participants will explore the principles, technologies, and practical implementations of AI and machine learning specifically tailored to the hospitality industry. Through a combination of theoretical study and hands-on projects, students will gain a comprehensive understanding of how AI and machine learning can revolutionize various aspects of hotel management, including guest services, operations optimization, revenue management, and personalized guest experiences.

MHT 827 Virtual Reality (VR) and Augmented Reality (AR) in the Hotel Customer Experience (3 Credit Hours)

This course explores the transformative role of Virtual Reality (VR) and Augmented Reality (AR) technologies in shaping the hotel customer experience. Participants will delve into the theoretical foundations and practical applications of VR and AR within the hospitality industry. Through a combination of lectures, case studies, and hands-on exercises, students will learn how to leverage VR and AR technologies to create immersive and engaging experiences for hotel guests. Topics covered include the integration of VR and AR in hotel marketing, virtual tours, interactive concierge services, and personalized guest interactions.

MIT – Information Technology (Graduate)**MIT 501 E-Business Technology and Management** (3 Credit Hours)

Technology is perhaps the greatest agent for change in the modern world. The global economy now heavily relies on ecommerce. But what does it really take to plan, build, deploy, and maintain a digital commerce infrastructure. This course will provide students with an exciting opportunity to learn through CIW best practices on planning, deploying, an e-commerce site ready for profit.

MIT 522 Cloud Computing and Data Analytics (3 Credit Hours)

This course provides a comprehensive understanding to the world of big data and analytics. Big data is now a reality, the volume, variety and velocity of data coming into the enterprise continues at an unprecedented level. Data analytics is the process of examining data to uncover hidden patterns, unknown correlations and other useful information that can be used to make better decisions. In this course, students will learn how to connect and visualize complex data by utilizing techniques such as aggregators, time series, dashboard customization, storytelling, metadata grids, dual axis charts, etc. Basic statistical methods will be used such as regression, central tendency, and dispersion.

MIT 534 Governance and Compliance (3 Credit Hours)

This course lets the student comprehend the criticality and urgency of corporate compliance and governance. I.T. governance and compliance requirements of an enterprise can widely vary. For large corporations and enterprises, IT governance is a framework – a significant set of policies, procedures, and controls that is applied to technology across an organization to enforce corporate standards and assure regulatory compliance and mandates. Students will leave this course with the “know how” knowledge of working and maintaining an I.T. division that is under strict regulatory compliance such as Sarbanes-Oxley, HIPAA, Gramm-Leach-Bliley, PCI, FISMA, & SSAE 16.

MIT 537 Risk and Information Systems Control (3 Credit Hours)

This course prepares students to identify, assess, and manage information technology risk and to design and monitor information systems controls. Topics include IT risk identification, risk assessment, risk response and

reporting, and control design, implementation, and monitoring. The course is aligned with the domains of the ISACA Certified in Risk and Information Systems Control (CRISC) certification.

MIT 547 Information Security Management (3 Credit Hours)

This course addresses the management of an enterprise information security program. Topics include information security governance, information risk management, the development and management of a security program, and security incident management. The course is aligned with the domains of the ISACA Certified Information Security Manager (CISM) certification.

MIT 548 Information Security and Penetration Testing (3 Credit Hours)

Information Security is at the center stage of the world. This course provides an exciting opportunity to study the psychology and technical tools/techniques that hackers utilize to infiltrate networks. The goal of this course is to know how to identify and document real world legal and ethical penetration test for an organization. We will look at the full life cycle of a corporate sponsored penetration test. You will work with peer reviewed case studies and hands on tools such as Nmap, Nessus, Wireshark, Cain & Abel, Hydra, Pineapple, etc. This course ends with a final student report that a corporation can use as a guiding factor to immediately mitigate known vulnerabilities. The management-focused CISM is the globally accepted standard for individuals who design, build and manage enterprise information security programs. CISM is the leading credential for information security managers. The recent quarterly IT Skills and Certifications Pay Index (ITSCPI) from Foote Partners ranked CISM among the most sought-after and highest-paying IT certifications.

MIT 562 Programming and Applications Development (3 Credit Hours)

This course challenges students to think beyond the code and design impactful software solutions tailored to real-world business needs. Through hands-on, project-based learning, students will explore the core principles of application development — from user interface design and event-driven programming to data management, debugging, and software architecture. Rather than focusing on a single programming language, this course emphasizes problem-solving, adaptability, and the ability to translate business challenges into practical, scalable applications. Students will build a range of applications that reflect enterprise demands — such as data-driven tools, point-of-sale systems, workflow automation, and interactive dashboards. By the end of the course, students will be equipped with a developer’s mindset, a solid grasp of foundational programming concepts, and the skills to turn ideas into working solutions. They’ll also gain an appreciation for algorithms, system design, and the critical thinking required throughout the software development lifecycle.

MIT 570 Network Technology Management (3 Credit Hours)

This course is designed to provide you an applied and practical knowledge required to design, configure, install and troubleshoot hardware, peripherals and protocols used in local area networking. The course content is patterned after the material required to pass the vendor neutral Network + (N10-006) examination.

MIT 588 Software Development and Management (3 Credit Hours)

Software development has tremendously evolved over the years thanks to modern IDEs. A key area of software development is the testing and validation stages that many developers still struggle with. This course covers the ins and outs of testing and validating development projects as its done by efficient running organizations. Students will work on building a product and answer questions such as “Does this project complies with the stated requirements and performs functions for which it was intended”. Students will utilize several tools for analysis of code and project.

MIT 602 ITIL Service Oriented Architecture (3 Credit Hours)

This course provides an in-depth study and hands on practice of an industry best practice designed to standardize the selection, planning, delivery and support of IT services to enterprises. In a global competitive market, it is critical to comprehend how I.T. can be the value and business driver towards efficiency and predictable service levels. ITIL is a collection of five core (SS, SD, ST, SO, CSI) publications that have been designed and implemented in the United Kingdom’s technology infrastructure. Ever since, it has been adopted and diligently practiced in global fortune corporations. The Foundation exam is the entry level certification and offers you a general awareness of the key elements, concepts and terminology used in the ITIL® service

lifecycle, including the links between lifecycle stages, the processes used and their contribution to service management practices.

MIT 622 High Performance Databases (Oracle Database SQL Certified Expert) (3 Credit Hours)

This course is the foundation for all SQL Server-related disciplines; namely, Database Administration, Database Development and Business Intelligence. In this class, you will explore options that range from personal desktop databases to large-scale geographically distributed database servers and classic relational databases to modern document-oriented systems and data warehouses. You will cover key terminology and concepts, such as normalization, "deadly embraces" and "dirty reads," ACID and CRUD, referential integrity, deadlocks, and rollbacks. The course also explores data modeling step by step through hands-on examples to design the best system for your data. Add Cloud Skills to Your Tool Belt. Learn to use Cloud to enhance your Oracle Database knowledge. Oracle Database SQL Certified Experts demonstrate the complete set of skills required for working with the powerful SQL programming language and have mastered the key concepts of a relational database. SQL Experts understand how to use the advanced features of SQL in order to query and manipulate data within the database, control privileges at the object and system level, and use advanced querying and reporting techniques. They are able to manipulate large data sets and understand storing and retrieving dates according to different time zones. They are also knowledgeable about the concepts of controlling access and privileges for schema objects. Exam Number: 1Z0-047

MIT 700 Final Research Project (3 Credit Hours)

As a graduate student, a certain level of expertise is expected. In the course, you will learn how to conduct graduate level research on a faculty approved subject of interest. Different research methodology. After the completion of this research course, students will be ready to transition into the Capstone Final Project.

MIT 710 Final Project (Capstone) (3 Credit Hours)

The Capstone Field Project provides students with the opportunity to complete their academic curriculum through the real-life application of best practices learned through courses taken in the program. The main objective of the Capstone Field Project is to strengthen the students' capacities to explore, conceptualize, analyze, explicate, interpret, and provide suggested solutions to companies and organizations facing critical computer engineering challenges.

MRE – Real Estate

MRE 500 Real Estate Development and Urbanism (3 Credit Hours)

This course explores the principles, practices, and dynamics of real estate development within urban contexts. It examines the interplay between economic, social, environmental, and regulatory factors that shape the built environment. Key topics include urban planning theories, land use regulations, market analysis, financial feasibility studies, and sustainable development practices. Students will gain an understanding of the stages involved in real estate development projects, from site selection and acquisition to design, construction, and marketing. The course emphasizes the role of stakeholders such as developers, investors, government agencies, and community organizations in shaping urban landscapes.

MRE 520 Land Use and Environmental Regulations (3 Credit Hours)

This course delves into the intricate relationship between land use practices and environmental regulations within the context of urban and rural settings. It explores the principles, laws, and policies governing land development, environmental protection, and sustainable resource management. Students will study various aspects of land use planning, including zoning ordinances, comprehensive plans, and regulatory frameworks aimed at balancing economic development with environmental conservation. Topics include the roles of local, state, and federal agencies in land use regulation, environmental impact assessments, and mitigation strategies.

MRE 540 Smart Cities and Real Estate (3 Credit Hours)

This course examines the intersection of smart cities initiatives and the real estate sector, focusing on how technological advancements and data-driven solutions are reshaping urban development. It explores the integration of innovative technologies, digital infrastructure, and sustainable practices within the context of real estate projects and urban planning. Students will explore key concepts such as smart infrastructure, IoT

(Internet of Things) applications, urban analytics, and the role of big data in optimizing urban services and enhancing quality of life. The course will delve into case studies and examples of smart city projects worldwide, highlighting successful implementations and lessons learned.

MRE 541 Commercial Real Estate (3 Credit Hours)

This course offers a comprehensive examination of the commercial real estate industry, covering key concepts, practices, and trends. Students will delve into the intricacies of commercial property types, market analysis, investment strategies, and the legal and financial aspects of commercial real estate transactions. The curriculum is designed to equip students with the knowledge and skills necessary to succeed in the dynamic field of commercial real estate.

MRE 542 Design, Construction, and Real Estate (3 Credit Hours)

This comprehensive course provides an in-depth exploration of the intertwined disciplines of design, construction, and real estate. Students will gain a solid foundation in architectural design principles, construction methodologies, and real estate fundamentals. Emphasis is placed on the integration of these areas to understand the lifecycle of building projects from conception to completion and beyond.

MRE 560 Real Estate Markets and Institutions (3 Credit Hours)

This course provides a comprehensive understanding of the principles and practices involved in analyzing and valuing real estate properties. Students will explore the methodologies and tools used by professionals to assess market conditions, evaluate property investments, and determine fair market value.

MRE 600 AI in Real Estate Finance and Investment (3 Credit Hours)

This course explores the transformative impact of Artificial Intelligence (AI) on real estate finance and investment strategies. It examines how AI technologies and data analytics are revolutionizing decision-making processes, risk assessment, and portfolio management in the real estate sector. Students will be equipped with the knowledge and expertise to navigate the intersection of AI and real estate finance, harness AI technologies for strategic decision-making, and contribute to innovative practices in the evolving landscape of real estate investment.

MRE 620 Sustainable Real Estate Development (3 Credit Hours)

This course provides a comprehensive overview of sustainable real estate development principles and practices. Students will explore the economic, environmental, and social dimensions of sustainability in the context of real estate. The course covers green building standards, sustainable design, and construction practices, as well as strategies for creating and managing environmentally responsible and economically viable real estate projects. Emphasis is placed on integrating sustainability into every phase of the development process, from initial planning to project completion and long-term management.

MRE 640 Real Estate Contracts & Negotiations with AI (3 Credit Hours)

This course offers an in-depth exploration of the principles, practices, and legal frameworks governing real estate contracts and negotiations, with a special emphasis on the application of artificial intelligence (AI) in these processes. Students will gain a comprehensive understanding of contract law as it applies to real estate transactions, including the drafting, execution, and enforcement of real estate contracts. The course also covers advanced negotiation techniques, equipping students with the skills necessary to effectively negotiate real estate deals using AI tools and technologies.

MRE 660 Legal Aspects of Real Estate Development - Law and Ethics (3 Credit Hours)

This course provides a comprehensive exploration of the legal frameworks and ethical considerations governing real estate development. Students will gain a deep understanding of the regulatory, contractual, and ethical dimensions essential to successful real estate ventures. Topics include property rights, land use and zoning laws, environmental regulations, construction law, financing agreements, and dispute resolution. The course emphasizes ethical decision-making, examining real-world scenarios where legal and moral challenges intersect. Students will analyze case studies to identify best practices for navigating ethical dilemmas while adhering to legal obligations. By the end of the course, participants will be equipped to recognize potential legal risks, develop strategies for compliance, and uphold ethical standards in real estate development projects. This

course is ideal for real estate professionals, developers, legal advisors, and anyone interested in the interplay between law, ethics, and real estate development.

MRE 680 Accounting Planning & Control (3 Credit Hours)

This course provides a comprehensive examination of accounting principles, practices, and control systems essential for effective financial management in real estate and related industries. It emphasizes the application of accounting concepts to planning, decision-making, and control within real estate organizations. Through case studies, practical exercises, and simulations, students will apply accounting principles and techniques to real-world scenarios in real estate finance and management. They will develop skills in financial analysis, budgeting, internal control design, and ethical decision-making relevant to the real estate industry.

MRE 681 Real Estate Social Media and Marketing (3 Credit Hours)

This course provides an in-depth exploration of the role of social media and marketing in the real estate industry. Students will learn how to effectively leverage various digital platforms and marketing strategies to promote real estate properties and services. The curriculum covers content creation, branding, digital marketing techniques, analytics, and the legal and ethical considerations of online marketing.

MRE 682 AI-Driven Global Real Estate Markets & Investments (3 Credit Hours)

This course offers an in-depth analysis of global real estate markets and investment strategies, with a special focus on the integration of artificial intelligence (AI) in these processes. Students will gain a comprehensive understanding of the economic, political, and cultural factors influencing real estate markets worldwide. The course covers the principles of international real estate investment, including market analysis, risk assessment, and portfolio management, while highlighting the transformative role of AI technologies in enhancing investment decisions and strategies.

MRE 700 Capstone Project in Real Estate Development (3 Credit Hours)

The Capstone Project in Real Estate Development serves as a culmination of the knowledge and skills acquired throughout the program, providing students with an opportunity to apply theoretical concepts to real-world scenarios in the real estate industry. The project integrates multidisciplinary aspects of real estate, combining elements of finance, law, market analysis, and strategic planning. Students demonstrate their proficiency in real estate knowledge, critical thinking, problem-solving, and communication skills. They contribute valuable insights to the field of real estate, preparing them for successful careers as informed professionals capable of addressing complex challenges in the industry.

MRKT – Marketing

MRKT 101 Principles of Marketing (3 Credit Hours)

This course offers the study of Marketing at a glance. Through fundamental concepts and the application of such concepts in practical exercises, students will be equipped to understand what Marketing is for and what factors intervene in the decision-making process of this functional area. It is designed to acquaint with the principles and problems of the marketing of goods and the methods of distribution from producer or manufacturer to the consumer. The course includes a study of the types, functions, and practices of wholesalers and retailers in the American marketing system and of efficient marketing techniques in the development and expansion of American and foreign markets.

MRKT 200 Marketing II (3 Credit Hours)

Marketing II expands upon how marketing impacts the American economic system as well as the international economy. Exploration of market-oriented problems, market opportunities, competitive strategies, marketing policies and programs. Marketing II students will also study special markets, marketing research, credit as a customer service, packaging and labeling, marketing of services, product promotion, and marketing management. Prerequisite: MRKT 101

MRKT 202/302 Marketing Strategies (3 Credit Hours)

Merchandising and marketing as a strategy for motivating consumers to purchase products and services. This course discusses the place of the Marketing Plan in the Overall Business Plan. It focuses on identifying

opportunities, product/service positioning and segmentation in the ever-changing external environment and competitive markets. Prerequisite: MRKT 200

MRKT 205 Consumer Behavior (3 Credit Hours)

This course provides students with an understanding of consumer purchasing behavior. Theories of buyer behavior and research findings as they apply to sales. This course uses the marketing segmentation approach to explain that consumer behavior is a professional endeavor and to link psychological, socio-cultural and decision-making aspects. Prerequisite: MRKT 101

MRKT 207 Market Research (3 Credit Hours)

This course provides the students with the necessary knowledge and insight into the key marketing research concepts. The objective of the course is that the students will be able to understand how market research is performed, how different questionnaires are elaborated and how to communicate the findings to managers. Exploration of research for marketing decisions. Concepts and applications for gathering, processing, and interpreting primary and secondary data in identifying the needs and wants of prospective consumers. Prerequisite: MRKT 101

MRKT 210 Principles of Advertising and Public Relations (3 Credit Hours)

Exploration of advertising management. Discussion of marketing, creative elements, media, effectiveness, integration within the marketing plan, quantitative approaches, agency organization and management. This course is designed to give the student a comprehensive view of the fundamentals of advertising. It considers advertising from a client agency point of view. Material covered includes areas such as agencies, budget and media introduction and advertising's role with regard to laws, society and economics. Prerequisite: MRKT 101

MRKT 310 Data Analytics for Digital Marketing (3 Credit Hours)

Upper-Level Division Business Admin

This course builds on a base of marketing theory to journey in real time through the 2018 world of digital marketing opportunities. If you want to be successful in today's world, you need to understand how to use various digital marketing principles and resources to your advantage. You will learn what digital marketing is, and how to develop a targeted online marketing strategy that engages potential customers throughout the digital landscape. You will gain experience in building an integrated online marketing plan. You will learn how to promote your business effectively online using different current major social media platforms: Twitter, Facebook, YouTube, LinkedIn and Instagram.

Prerequisite: Marketing Business Major – Business Administration Bachelor's Degree Program

MRKT 320 Search Engine Optimization (SEO) and Web Design (3 Credit Hours)

Prerequisite: Marketing Business Major – Business Administration Bachelor's Degree Program Upper-Level Division Business Admin. This course builds on a base of apply marketing strategies for the web development and E-Commerce.

MRKT 330 Marketing and the Virtual Marketplace (3 Credit Hours)

Prerequisite: Marketing Business Major – Business Administration Bachelor's Degree Program Upper-Level Division Business Admin. This course is designed as apply the development of system of critical review and appraisal to improve future Digital Marketing Strategies

MRKT 340 Digital Marketing (3 Credit Hours)

Upper-Level Division Business Admin

This course is designed as an introduction to the world of digital and online marketing. In it we'll cover all the different types of digital ad unit, marketing partners, process, buying and more. It is perfect for anyone who is interested in marketing their business online, looking for a job in digital media planning, wondering how major brands decide to place an ad online, a student focusing on marketing and advertising, or those who are generally interested in how the ads you see online are created and served to you. Evaluate the delivery of marketing communications campaigns using both physical and digital age.

Prerequisite: Marketing Business Major – Business Administration Bachelor's Degree Program

MRKT 350 Social Media and Marketing Communications (3 Credit Hours)*Upper-Level Division Business Admin*

This course is designed analyze social Media Marketing and listening tools to identify improvements to organizational processes that will enhance social reputation.

Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program

MRKT 360 Strategic Marketing and Planning Projects (3 Credit Hours)

*Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program *Upper-Level Division Business Admin. This course will instruct and recognizes information and ideas to the organizational strategy process in terms of Marketing.*

MRKT 405 International Marketing (3 Credit Hours)*Upper-Level Division Business Admin*

This course is designed to apply knowledge and skills for successful administration of the international marketing function, the international dimension of ethics and related issues.

Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program

MRKT 420 Marketing Channels (3 Credit Hours)*Upper-Level Division Business Admin*

Course Focuses Upon Institutions, Functions, And Flows Within Channels of Distribution; and Their Integration into Channels Systems. Wholesaling and Physical Activity Are Emphasized. *Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program*

MRKT 440 Personal Selling (3 Credit Hours)*Upper-Level Division Business Admin*

The Development of Effective Salesmen/Customer Relationships Is Emphasized. Selection, Training, And Motivation of the Sales Force, And the Relationship Between Personal Selling and The Other Elements of Marketing Strategy Are Analyzed. *Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program*

MRKT 451 International Marketing (3 Credit Hours)*Upper-Level Division Business Admin*

This course is designed to apply knowledge and skills for successful administration of the international marketing function, the international dimension of ethics and related issues.

Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program

MRKT 461 Managing Marketing Information (3 Credit Hours)*Upper-Level Division Business Admin*

An Examination of the Marketing Research Process and Its Role in Aiding Decision-Making. Emphasis Is Placed on Evaluation and Utilization of Research Information in Making Marketing Decisions. *Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program*

MRKT 472 E-Marketing (3 Credit Hours)

This Introductory Course in Electronic Marketing Explores How the Internet Has Revolutionized the Buying and Selling of Goods and Services in the Marketplace. Topics Covered Include B2b and B2c Electronic Commerce, Internet User Characteristics, Net Pro-Duct, Pricing, and Distribution, Relation-Ship Marketing Through Online Strategies, and The Legal and Ethical Challenges of E-Marketing. This Course Emphasizes Hands-On Learning. *Prerequisite: Marketing Business Major – Business Administration Bachelor’s Degree Program. *Upper-Level Division Business Admin.*

MSN – Nursing (Graduate)**MSN 503 Professional Nursing Practice (3 Credit Hours)**

This graduate course examines professional nursing practice from the perspective of the nurse leader. Students analyze the personal, cultural, organizational and societal factors that shape professional values; evaluate the historical and theoretical foundations of the discipline; and examine the nurse’s contribution as a member and

leader of interprofessional teams. The course then addresses the scope of professional nursing roles, the legal and regulatory framework of practice, the evolution of nursing from its historical legacy to future challenges, nursing in a global environment and the responsible use of technology, including artificial intelligence, in nursing services.

MSN 590 Evidence-Based Practice Project (3 Credit Hours)

This graduate course prepares nurse leaders to lead evidence-based practice (EBP) in nursing services. Students distinguish EBP from research, quality improvement and program evaluation; develop research and EBP competencies; formulate PICOT questions and search strategies; and appraise qualitative studies, quantitative studies, systematic reviews and meta-analyses. They then apply an EBP model to plan the implementation, evaluation and sustainability of a practice change. Prerequisite: MSN 503 Professional Nursing Practice.

MSN 645 Performance Improvement and Quality in Health Care (3 Credit Hours)

This course examines the relationships between healthcare quality and organizational performance management from the perspective of the graduate nurse leader. Students explore the major principles and concepts of quality as they relate to outcomes, outcomes measurement and patient safety; evaluate the use and effectiveness of statistical and improvement tools in quality measurement; and analyze the impact of leadership and teamwork in creating a high-quality, sustainable organization. The course addresses compliance with federal and state regulatory and accreditation requirements, value-based programs and public reporting.

MSN 710 Applied Nursing Experience (3 Credit Hours)

MSN 710 Applied Nursing Experience is the culminating course of the concentration and of the MSN. Students integrate the knowledge and competencies of the program by planning, presenting and defending an applied nursing project for a selected healthcare organization, completed in the role of their concentration. The project addresses a need in an area such as nursing leadership, quality and patient safety, nursing informatics, staff development, care coordination, population health, health education, policy or program evaluation. The course is taught entirely in the classroom, on campus or online, and combines the project with individual faculty conferences, peer review, structured reflection and two interactive decision simulators. Prerequisite: completion of the core, technical and concentration courses.

NUE – Nursing Education

NUE 605 The Role of the Nurse Educator (3 Credit Hours)

This graduate course in the MSN Nursing Education concentration prepares nurse leaders to apply concepts and develop skills in instruction, curriculum development, classroom, online and clinical teaching, and evaluation in an educator role within their area of specialization. Students examine the nurse educator role in academic programs, staff and nursing professional development, and patient and community education; apply learning theories and evidence-based instructional methods for diverse learners; design and evaluate online learning; construct and evaluate tests and other assessments; and analyze the legal, ethical and moral issues of the instructional process.

NUE 618 Curriculum Design, Development, Assessment, and Evaluation in Nursing Education (3 Credit Hours)

This graduate course in the MSN Nursing Education concentration prepares nurse leaders to design, develop, assess and evaluate curricula for academic nursing programs and for nursing professional development in healthcare organizations. Students analyze definitions of curriculum and the societal and health-system forces that shape it; evaluate curriculum models and the roles of faculty, learners, clinical partners and communities in curriculum planning and leadership; write program, course and instructional outcomes in the cognitive, psychomotor and affective domains; and organize and sequence curricula. They then select instructional strategies, plan assessment and evaluation, design inclusive learning experiences and lesson plans for all learners, evaluate curricula against outcomes and accreditation standards, and examine current and continuing curriculum issues.

NUR – Nursing

NUR 301 Introduction to the Role and Scope of Nursing (3 Credit Hours)

This course introduces nursing graduates entering the baccalaureate program to the professional role and scope of nursing. Students examine nursing's disciplinary perspective, historical and theoretical foundations, education pathways and professional organizations; apply legal, regulatory and ethical standards to everyday practice; and analyze how health systems, culture and social determinants shape care in the United States and around the world.

NUR 320 Pathophysiology (3 Credit Hours)

This course prepares nursing graduates to apply knowledge of cellular, genetic, genomic and systemic mechanisms of disease to nursing practice across the lifespan. Students examine how genes, environment and social conditions shape disease risk; analyze inflammatory, immune and neuroendocrine responses to stressors and trauma; and connect risk factors, causes, clinical manifestations and diagnostic findings of frequent disease processes with nursing assessment, monitoring and escalation.

NUR 330 Health Assessment (3 Credit Hours)

This course strengthens the nursing graduate's ability to conduct comprehensive, person-centered health assessments across the lifespan. Students refine therapeutic interviewing and health-history skills; analyze general survey, vital-sign and regional physical assessment findings obtained through inspection, palpation, percussion and auscultation in simulated and case-based activities; integrate psychosocial, cultural, spiritual, nutritional, pain and safety screening; and adapt assessment for pregnant, pediatric and older adult populations.

NUR 340 Pharmacology (3 Credit Hours)

This course strengthens the nursing graduate's pharmacological knowledge for safe medication administration, monitoring, patient teaching and medication-use safety. Students apply principles of pharmacodynamics and pharmacokinetics, including absorption, distribution, metabolism and elimination; examine phytopharmacology, adverse drug reactions and pharmacovigilance; analyze drug metabolism and interactions; and interpret pharmacogenetic and pharmacogenomic information that explains variable drug response across the lifespan, using drug prototypes within the steps of the nursing process.

NUR 360 Public Health (3 Credit Hours)

This course examines the U.S. health care and public health systems through a population health lens for nursing graduates. Students analyze how health care is organized and financed, compare the United States with other market-economy health systems, and evaluate how Medicaid and Medicare policy shapes access, cost, quality and equity for diverse and underserved populations.

NUR 370 Ethical and Legal Practices in Nursing (3 Credit Hours)

Health care is one of the most regulated industries in the United States. This course prepares nursing graduates to apply ethical theory, professional standards and legal and regulatory requirements to nursing decisions. Students examine confidentiality regulations, human subjects protections, patient rights, payment and access policy, patient safety and public health law, and compare perspectives on ethical issues across countries and cultures, including informed consent, withholding or withdrawing treatment, medical aid in dying, reproductive health, technological advances, the right to health care and limited resources.

NUR 380 Nursing Leadership and Management (3 Credit Hours)

This course prepares nursing graduates to apply leadership and management principles within complex, diverse healthcare settings. Students compare leadership theories; practice delegation, prioritization, professional communication and conflict management; examine ethical and legal responsibilities; and evaluate the effects of policy, technology and resource decisions on nursing services.

NUR 390 Nursing Informatics (3 Credit Hours)

This course introduces nursing informatics as the integration of nursing, computer and information sciences to support nursing practice. Students examine the health policy and regulation that shape health information systems, document and use data in electronic health records, apply ethical and legal standards to information and communication technologies, evaluate current and emerging technologies such as clinical decision support,

telehealth and artificial intelligence, and lead nursing participation in technology selection, implementation and evaluation.

NUR 401 Healthcare Assessment and Practices (3 Credit Hours)

This course strengthens nursing graduates' knowledge and skill in comprehensive health assessment of infants, children, adolescents, adults, pregnant women and older adults. Students obtain subjective data through a systematic, culturally responsive health history; interpret objective data obtained through inspection, palpation, percussion, auscultation and olfaction in simulated cases; apply selected screening and family assessment tools; and communicate findings accurately in structured verbal and electronic formats.

NUR 410 Nursing in Diverse Communities (3 Credit Hours)

This course introduces nursing graduates to community health nursing using the population-centered nursing process. Students apply community health improvement frameworks and the social determinants of health to diverse communities, assess community health status with secondary data and simulated primary data, interpret data to prioritize health problems, and plan evidence-based health promotion, risk reduction and disease management interventions with community partners.

NUR 420 Crisis Intervention in Healthcare (3 Credit Hours)

This course prepares nursing graduates to recognize and respond to crises: events that exceed and overwhelm a person's coping skills to the point where psychological balance is disrupted. Students apply crisis theory and structured intervention models, including the ABC model, to normative and traumatic stressors, crises related to illness and disability, and community emergencies. They examine nursing responsibilities in emergency intervention with people at risk of suicide and with people who are potentially violent, emphasizing safety, therapeutic communication, collaboration and ethical practice.

NUR 430 Global Aspects of Healthcare (3 Credit Hours)

This course prepares nursing graduates to analyze health and health care from a global perspective. Students examine the social determinants of health and the indicators used to measure health status; compare the structure, financing and performance of the U.S. health system with systems in other countries; apply ethical and human rights approaches to global health problems; evaluate the roles of international agencies, partnerships and multisectoral strategies; and anticipate the forces shaping the future of national and global health systems.

NUR 440 Risk Management in Healthcare (3 Credit Hours)

This course introduces nursing graduates to the concepts, history and practice of risk management in healthcare settings. Students examine the evolution of healthcare risk management, the role of the risk manager and of the bedside nurse, the principles and legal foundations of clinical risk, and the connections among risk management, quality improvement, patient safety and corporate compliance across hospital, ambulatory, long-term care and community settings.

NUR 460 Advanced Nursing and Health Assessment (3 Credit Hours)

This course builds on NUR 330 Health Assessment by moving from conducting a comprehensive assessment in simulated cases to integrating complex, multisystem, psychosocial, cultural and spiritual assessment data for people with multiple chronic conditions into individualized nursing care plans. Students examine the whole person, including perceptions of the health-illness continuum and sociocultural values, and apply critical thinking, clinical reasoning and clinical judgment to interpret, prioritize and communicate findings. Prerequisite: NUR 330 Health Assessment.

NUR 470 Applied Nursing Leadership and Clinical Judgment (3 Credit Hours)

This course provides nursing graduates with an applied, classroom-based integration of leadership, management and clinical judgment. Through case conferences, decision simulators, role-play and guided reflection on de-identified situations from their own practice or from faculty-prepared cases, students enact the role of the baccalaureate professional nurse within RN scope and the state nurse practice act.

NUR 480 Evidence-Based Practice and Practice Change (3 Credit Hours)

Building on NUR 470, this course applies evidence-based practice to nursing care across the lifespan. Students use evidence as a basis for clinical reasoning, lead practice-change conversations in simulated and role-play settings, and integrate faculty and peer feedback to advance their performance. Prerequisite: NUR 470 Applied Nursing Leadership and Clinical Judgment.

NUR 499 Nursing Capstone (3 Credit Hours)

This capstone provides nursing graduates the opportunity to synthesize concepts of professional nursing and public health. Students select relevant experiences to analyze elements of the public health care delivery system and access to care, assess the health of a defined community, and apply nursing knowledge to address a community health need through an evidence-based service-learning project proposal.

PHIL – Philosophy**PHIL 102 Legal and Ethical Issues** (3 Credit Hours)*General Education Requirements*

Introduction to ethics. Exploration of ethics as it relates to virtue, duty, autonomy, and life quality applied to moral problems. This course studies the ethical, legal, and social responsibilities of business, particularly in the product, resource, and labor markets. Principles of moral philosophy are applied to the analysis of corporate conduct and decision making in the United States and elsewhere. Case studies are used in the discussion of social responsibility and the respect for human dignity in organizations driven by the profit motive and competition.

PHIL 200 Introduction to Philosophy (3 Credit Hours)*General Education Requirements*

This course is an introduction to some of the important texts, problems, and methods in Western philosophy and Asian Philosophy. Philosophy has been a major part of Western and Asian culture for the last 2,500 years and our readings will be drawn from several historical eras, as well as look at some contemporary philosophical writings. We will see how this works by examining how philosophers make questionable our thinking about knowledge, religion, freedom, values, and ethics. We will along the way see how philosophy makes these things clearer to us precisely by making them questionable.

PHN – Public Health Nursing**PHN 606 Foundations of Public Health Nursing** (3 Credit Hours)

This course, the first of two courses in the MSN Public Health Nursing concentration, prepares graduate nurse leaders to analyze how the structure, financing and policy of the U.S. health and public health systems shape the health of populations. Students examine the core functions and 10 Essential Public Health Services, the public health nursing role, concepts of health and disease, levels of prevention and the risk of illness in the clinical, family and social context, together with the public and private programs that finance care, including Medicaid, CHIP and Medicare, and compare the U.S. system with those of other market economies.

PHN 619 Application and Interpretation of Public Health Data (3 Credit Hours)

This course, the second of two courses in the MSN Public Health Nursing concentration, focuses on the analytical and biostatistical methods commonly used in public health. Graduate nurse leaders learn to produce, interpret and use data analysis for decisions: public health data sources and surveillance, descriptive and inferential statistics, databases and big data, data organization and visualization in Excel and Power BI, the SIR (susceptible, infected, recovered) model for monitoring epidemics, and the fundamentals of machine learning applied to health. Community health assessment, environmental health data, health communication and global health informatics provide the applied context.

PHY – Physics**PHY 101 Introduction to Physics** (3 Credit Hours)

This course explores the basic principles of Classical Mechanics, Thermodynamics, Mechanical Waves, Sound, Electricity, Magnetism, Optics, and Modern Physics.

PHY 440 Solid State Physics (3 Credit Hours)

The Course examine concepts and methods employed in condensed matter physics with applications in materials science, surface physics, and electronic devices. Topics include atomic and electronic structure of crystalline solids and their role in determining the elastic, transport, and magnetic properties of metals, semiconductors, and insulators.

PSY – Psychology**PSY 201 Psychology** (3 Credit Hours)

Introduction to general psychology; principles of human behavior and their applications. Introduces the history of psychology, human development, personality, abnormal behavior, social psychology, feelings and emotions, research methodologies, experimental psychology, psychophysiology, learning and memory, altered states of awareness, sleep and dreams, and industrial and organizational psychology. *Genera Ed.

PSY 450 Psychiatry (3 Credit Hours)

This course provides nursing graduates with an overview of care in the United States for people with psychiatric and mental health conditions, the components of that care and the challenges it presents. Students build foundational knowledge of psychiatric concepts, theories and therapies as a basis for nursing practice, and apply therapeutic communication with people experiencing schizophrenia, bipolar and depressive disorders, personality disorders, violence, substance use and eating disorders, sexual assault and post-traumatic stress disorder. The interaction between physical and mental health, primary care responsibilities and risk communication with this population are examined throughout.

SCM – Supply Chain Management**SCM 204 Supply Chain Fundamentals** (3 Credit Hours)

This course will instruct and apply various key concepts of Supply Chain (SC) and the related decision-making tools to solve practical supply/demand problems in the context of global supply chains. Students will learn core SC-related concepts including time-based inventory management, warehousing, transportation and distribution systems design, facility location decision process, and information handling in SC operations as competitive advantages in service-based emerging economies. SCs are concerned with the efficient integration of suppliers, factories, warehouses and stores so that products are distributed to customers in the right quantity and at the right time. One of the primary objectives is to minimize the total supply chain cost subject to various service requirements. SCs are responsible for, now on a global scale, the delivery of value-added goods/services in any organization – public or private, and profit or non-profit.

SOC – Sociology**SOC 210 Sociology** (3 Credit Hours)

This course introduces a range of basic sociological principles so you can develop your own sociological imagination. You will study about the origins of sociology as a discipline, and some major sociological theories and research methods. We also explore the topics of sex and gender, deviance, and racism. As you move through the course, try to develop your sociological imagination by relating the topics and theories you read about to your own life experiences. *General Education Requirement

SPC – Speech**SPC 200 Speech and Public Speaking** (3 Credit Hours)

Courses that prepare students to present effective public speeches to persuade debate or argue in a clear, concise and logical manner. Emphasis on organization and delivery of public speeches. By the end of the course, you

will understand how to choose topics according to the type of speech you are giving, how to construct a speech, and, of course, how to present an effective speech. This course will also meet the current state guidelines for Gordon Rule written assignments.

SPN – Spanish

SPN 310 Conversational Spanish (3 Credit Hours)

Explores conversation skills in Spanish with emphasis on developing vocabulary, cultural immersion, and proper pronunciation. The course focuses on language literacy for daily conversation.

STAT – Statistics

STAT 200 Statistics (3 Credit Hours)

A first statistical course for students who require knowledge of the fundamental procedures for the organization and analysis of data. Topics include frequency distributions, graphs, location and variation measures, probability distributions, sampling distributions, binomial and normal distributions, z-scores, estimation using confidence intervals, t-test, chi-square test, F-test, of hypothesis, Analysis of Variance (ANOVA), regression and correlation



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