American University of Technology

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Academic Catalog

2026 / 2027

Accreditation And Licensure

The American University of Technology (AUT) is a licensed higher education institution and a registered legal entity in the Republic of Uzbekistan. AUT operates under License No. 652626, issued on 27 December 2023 by the Ministry of Higher Education, Science and Innovation, which authorizes the University to deliver higher education programs at Level 6 (Bachelor's) and Level 7 (Master's).

As part of its commitment to continuous quality enhancement and international recognition, AUT will, as appropriate, pursue accreditation from recognized international specialized accrediting bodies as well as the national accreditation authority of the Republic of Uzbekistan.

Notice

To keep University policies in compliance, AUT may change policies, regulations, procedures, and fees in this Catalog without prior notice. The University reserves the right to change curricula, rules, fees, admission requirements, and other requirements without notice.

The provisions of this Catalog do not constitute a contract, express or implied, between any applicant, student, faculty member, or any other person, and the American University of Technology.

Student Data Protection

The American University of Technology (AUT) processes and protects student personal data in accordance with the legislation of the Republic of Uzbekistan, including the Law of the Republic of Uzbekistan “On Personal Data” No. ZRU-547, and other applicable regulatory requirements. AUT is also guided, where relevant and appropriate, by international good practice, including the General Data Protection Regulation (GDPR) of the European Union and the Family Educational Rights and Privacy Act (FERPA) of the United States.

Personal data shall be collected and processed lawfully, fairly, for specific and legitimate educational, administrative, regulatory, contractual, immigration, accreditation, safety, and institutional purposes, and only to the extent necessary for those purposes. Appropriate technical and organizational measures are used to protect personal data against unauthorized access, disclosure, alteration, loss, destruction, or misuse.

For institutional purposes, AUT may classify certain student information as directory or public-facing information, including the student’s name, program or major field of study, dates of attendance, degrees and awards received, and participation in officially recognized university activities. However, such information shall not be disclosed publicly or to third parties unless there is a lawful basis for doing so, including the student’s consent where required by Uzbek law

Students may request that AUT restrict the disclosure of directory or public-facing information by submitting a written request to the Registrar’s Office. Such requests will be reviewed and implemented in accordance with applicable law and institutional procedures.

Regular photographs and videos of university events and activities, whether on campus or during university outings, may be taken. These photographs and videos may be used for classroom displays, newsletters, the university website, media coverage, and official social media channels. Students’ written consent is required before their image; video, voice, or other identifiable personal data is used for external communication, marketing, media, or promotional purposes, unless another lawful basis applies.

Students have the right to access their official records and to request correction of inaccurate, incomplete, or outdated personal data, in accordance with applicable law and university procedures. The student's written consent must be obtained before personally identifiable information is released from the student's records to any third party, except where disclosure is permitted or required by law, regulation, court order, competent public authority, accreditation requirement, contractual obligation, immigration process, financial aid process, institutional audit, or another legitimate educational or administrative purpose.

Student personal data may also be shared with a parent, family member, guardian, sponsor, or other designated person where the student has provided explicit written consent or signed an appropriate waiver authorizing AUT to disclose specified information to that person. Such disclosure shall be limited to the information and purpose covered by the student's consent or waiver and may be revoked by the student in writing, subject to applicable law and university procedures.

AUT is authorized to provide university officials and employees with a legitimate educational or institutional interest with access to student records. These individuals are those who have responsibilities related to the academic, administrative, regulatory, compliance, safety, student support, or service functions of the university and who have a justifiable need to access student records connected with their university responsibilities.

Disclosure may also be made to other persons or organizations under certain conditions, including, but not limited to, accreditation review, program evaluation, immigration processes for international students, court orders or lawful requests by competent authorities, financial aid administration, scholarship administration, student mobility, transfer to another educational institution, or cooperation with partner institutions.

Where student personal data is transferred to third parties or outside the Republic of Uzbekistan, AUT shall ensure that such transfer is carried out in accordance with applicable Uzbek personal data legislation, including any consent, contractual, security, registration, or cross-border transfer requirements.

AUT shall retain student records and personal data only for as long as necessary for academic, administrative, legal, accreditation, regulatory, archival, or institutional purposes, and shall ensure secure storage, restricted access, and appropriate deletion or archiving in accordance with applicable retention procedures.

Change of Personal Information

A student who changes their first name or surname must officially notify the Registrar's Office and submit a formal request, together with the required supporting documentation, to update their personal information in the University's official records, HEMIS, and other relevant information systems.

The American University of Technology (AUT)

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The AUT University Catalog is updated annually and is effective for the academic year running from September 1 to August 31. The information provided in this catalog is compiled from submissions made by academic and administrative offices.

Disclaimer

This catalog is for information only and should not be viewed as a binding contract between a student and the University.

The University reserves the right to change without notice of the information contained in this catalog. The University will not be liable for any interruption in, or cancellation of, any academic activities as set forth in this catalog and related information where such interruption is caused by fire, earthquake, strike, lock-out, inability to procure materials or trades, pandemics, restrictive laws or governmental regulations, actions taken by faculty, staff or students of the University or by others, civil unrest or disobedience, war, force majeure, public health emergencies, damage to University property, financial exigency, or any other cause of any kind beyond the reasonable control of the University.

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Important Notice

Upon registering with the University, each student agrees to comply with and is bound by the University's regulations, policies, procedures, and standards, as well as those of their specific program. Students are responsible for familiarizing themselves with the general information, rules, and regulations contained in this Catalog, along with the specific requirements of their chosen degree, diploma, or certificate program. Registration signifies that a student has entered into a formal relationship with the University, acknowledging its right to set and enforce standards of academic integrity and academic and non-academic conduct. Furthermore, students accept the University's authority to investigate alleged violations and determine disciplinary actions and consequences for conduct that violates University standards, regulations, or policies, subject to applicable law and University procedures.

The University may use a student's University-issued email address, personal email address, telephone number, and/or physical address for official correspondence, depending on the nature and timing of the communication. The University-issued email address is considered the primary means of communication between the student and the University. Therefore, it is the student's responsibility to regularly monitor their university-issued email and ensure that their contact information in the student information system is accurate and up to date. Official communications sent to the students' University-issued email address shall be deemed received by the student.

To maintain the integrity of student records, students must provide personal data for admission and registration using their complete legal name as it appears on their passport or other official identity document accepted by the University. For international students, passport data shall normally take precedence over national ID data, particularly where transliteration or English-language spelling may differ. Any requests for a name change, including alterations, deletions, substitutions, or additions, must be accompanied by appropriate supporting documentation and approved through the relevant University procedure.

Message From the Rector



Dear Students, Faculty, Staff, Alumni, Partners, and Friends of AUT,

Welcome to the American University of Technology in Tashkent.

AUT was established with the clear purpose to expand access in Uzbekistan to high-quality, internationally oriented education and to prepare graduates capable of contributing to the country's economic, technological, and social development.

Our partnership with Arizona State University through the Cintana Alliance is central to this mission. It gives our students access to international academic standards, strong curriculum models, quality assurance, and progression pathways. But AUT is not here simply to copy another model. We are here to build something that works for Uzbekistan, for Central Asia, and for the students who trust us with their future.

The direction set by H.E. Shavkat Mirziyoyev, President of the Republic of Uzbekistan, is clear: higher education must be international in quality, connected to industry, focused on employability, and accessible to talented students. This is exactly where AUT has a role to play.

A university earns its standing through the quality of its teaching, the integrity of its academic standards, the seriousness of its scholarship, and the success of its graduates. It must provide students with both opportunity and challenge, support faculty in teaching and research, and build lasting relationships with employers, public institutions, and the communities it serves.

To our students, we offer an education that will require curiosity, discipline, and active engagement. In return, you should expect rigorous teaching, meaningful support, and genuine preparation for your future.

To our faculty and staff, we have been entrusted with building an institution worthy of its students. This requires strong academic standards, dependable systems, professional accountability, and a shared commitment to continuous improvement.

To our partners, your engagement is essential. Through sustained collaboration, we can ensure that AUT's programs remain relevant, that learning extends beyond the classroom, and that our graduates are prepared to contribute from the moment they enter professional life.

Sincerely,
Prof Victoria C Fontan, PhD, EdD

American University of Technology at a glance

The American University of Technology, AUT, is a private university in Tashkent, established under the Decree of the President of the Republic of Uzbekistan and licensed by the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan. AUT was created to expand access to high-quality American-style higher education in Uzbekistan and to support the country's ambition to prepare globally competitive graduates.

AUT is powered by Arizona State University through the ASU—Cintana Alliance. This partnership connects AUT to internationally recognized academic resources, curriculum models, quality assurance practices, and global learning opportunities. Through this collaboration, students benefit from access to ASU-designed learning materials, international progression pathways, master classes, innovation-focused learning, and opportunities across the wider ASU—Cintana global network.

The American-style academic model at AUT emphasizes student-centered learning, continuous assessment, applied knowledge, interdisciplinary thinking, innovation, and strong links between education and employability. AUT's programs are designed to prepare students not only to earn degrees, but to develop the skills, judgment, and professional readiness needed in a rapidly changing economy.

Located at Beshyogoch Street 1, Tashkent, AUT offers a modern learning environment in the center of Uzbekistan's capital. The University is developing as a smart, internationally connected campus, with programs in areas such as business, technology, engineering, education, and the social sciences, all aligned with Uzbekistan's national priorities and the needs of employers.

AUT opened its doors in October 2024 and continues to grow as a young institution with a clear mission: to become a benchmark university in Uzbekistan, American in academic approach, Uzbek in purpose, international in outlook, and focused on student success.

Our Mandate

The American University of Technology was established to provide students in Uzbekistan with access to world-class, American-style higher education, powered by Arizona State University. AUT's mandate is to deliver internationally aligned academic programs that equip students with the knowledge, skills, and practical experience needed to succeed in Uzbekistan and globally.

Our Vision

To become a leading, internationally connected university in Uzbekistan, recognized for high-quality education, innovation, practical learning, and its contribution to the development of globally competitive graduates.

Our Mission

AUT's mission is to provide high-quality, student-centered, career-oriented education that meets international standards and prepares students for success in a rapidly changing world. Through its partnership with Arizona State University and the Cintana Alliance, AUT connects students to global academic resources, practical skills-based learning, and international progression opportunities.

Our Values

AUT is guided by a commitment to:

- Quality — delivering education aligned with international standards.
- Innovation — preparing students for emerging fields and new ways of working.
- Relevance — connecting learning to careers, industry, and Uzbekistan's development needs.
- Integrity — building a university culture based on trust, responsibility, and academic seriousness.
- Opportunity — expanding access to high-quality education and supporting student success.

University Logo

American University of Technology

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Programs

The American University of Technology offers world-class degree programs in Tashkent, powered by Arizona State University. AUT provides students with access to American-style education, international academic standards, and pathways that may lead to both Uzbek and U.S. degrees through ASU.

AUT offers bachelor's degree programs that normally take four years to complete. Students may complete all four years in Tashkent and graduate with an AUT diploma, or follow a 3+1 or 4+1 pathway, with the opportunity to study their final year at ASU online or on campus and receive dual degrees.

Undergraduate programs

Business and Management

- Bachelor of Business Administration
- Bachelor of Business Administration — concentration in Logistics and Supply Chain Management
- Bachelor of Arts in Business and Technology
- Bachelor of Science in International Trade
- Bachelor of Science in Tourism Development and Management
- Bachelor of Science in Finance and Fintech
- Bachelor of Science in Artificial Intelligence in Business
- Bachelor of Science in Marketing and Communication
- Bachelor of International Relations and Diplomacy

Technology and Engineering

- Bachelor of Science in Computer Science
- Bachelor of Science in Software Engineering
- Bachelor of Science in Data Science
- Bachelor of Science in Industrial Engineering

AUT also offers master's degree programs structured to deepen expertise in business, technology, and education. Most master's programs follow a 1+1 model, where students complete the first year at AUT and the second year at Arizona State University, either online or on campus, graduating with two master's degrees: one from AUT and one from ASU.

Graduate programs

- Master of Business Administration
- Master of Global Management
- Master of Science in AI and Business Transformation
- Master of Science in Software Engineering
- Master of Arts in TESOL

AUT schedules master's classes in the evenings so that working professionals can attend.

The University's academic portfolio is designed to prepare students for careers in Uzbekistan and internationally, with programs aligned to industry needs, practical skills, innovation, leadership, and global opportunities.

Honor Code

The American University of Technology (AUT) is committed to fostering a culture of integrity, respect, responsibility, and academic excellence. Every member of the University community shares responsibility for upholding the University's values of Integrity, Quality, Relevance, and Courage in all academic, professional, and personal interactions.

The Honor Code establishes the standards of conduct expected of all students while enrolled at AUT. These standards apply on University premises, during online learning, at internships and professional placements, during University-sponsored activities, and whenever students represent the University.

Quality

Students are expected to pursue excellence through responsible scholarship, active engagement, and continuous improvement.

Students shall:

- Attend classes regularly and participate constructively in learning activities.
- Meet academic deadlines and fulfill the requirements of their programs.
- Engage respectfully with feedback and contribute thoughtfully to course evaluations and other quality assurance processes.
- Support a learning environment that promotes critical thinking, intellectual curiosity, and academic excellence.

Relevance

Students contribute to a learning community that prepares graduates for responsible leadership, professional success, and service to society.

Students shall:

- Conduct themselves professionally in all interactions with fellow students, faculty, staff, industry partners, and external stakeholders.
- Respect the diversity of backgrounds, perspectives, cultures, and experiences within the University community.
- Apply University knowledge responsibly in academic, professional, and community settings.
- Comply with University policies, regulations, and procedures throughout their studies.

Integrity

Students are expected to act honestly and ethically in all aspects of university life. Academic integrity is fundamental to the pursuit of knowledge and requires students to complete all academic work independently unless collaboration has been expressly authorized.

Students shall:

- Demonstrate honesty in examinations, assignments, research, and all academic activities.
- Submit only work that is their own and properly acknowledge the contributions of others.
- Provide truthful and accurate information in all communications and official University records.
- Refrain from plagiarism, cheating, fabrication, falsification, unauthorized collaboration, contract cheating, and any other form of academic misconduct.

Courage

Students are expected to demonstrate the moral courage to uphold ethical standards and contribute positively to the University community.

Students shall:

- Speak honestly and respectfully in academic discussion while remaining open to differing viewpoints.
- Raise concerns about unethical or inappropriate conduct through appropriate University channels.
- Accept responsibility for their actions and learn from mistakes.
- Demonstrate resilience, professionalism, and respect even when facing disagreement or challenges.

Respect for the University Community

Every student has the right to study in a safe, respectful, and inclusive environment.

Students must:

- Treat all members of the University community with dignity, courtesy, and respect.
- Refrain from discrimination, harassment, bullying, hazing, intimidation, retaliation, violence, or any conduct that threatens the safety or wellbeing of others.
- Respect the rights, privacy, and property of fellow students, faculty, staff, and visitors.
- Protect University buildings, facilities, equipment, technology, and other resources, using them responsibly and only for their intended purposes.
- Follow lawful and reasonable directions issued by authorized University personnel.

Personal Responsibility

Students are responsible for understanding and complying with the University Catalog, the Student Handbook, and all University policies, regulations, and procedures.

By enrolling at AUT, students acknowledge their responsibility to uphold this Honor Code and to contribute to a community founded on integrity, mutual respect, academic excellence, and responsible citizenship.

Violations of this Honor Code may result in disciplinary action in accordance with the procedures outlined in the University Catalog and Student Handbook.

Teaching and Learning Environment

The University is committed to providing a fair, safe, respectful, and intellectually engaging learning environment for all students, faculty, and staff. All members of the university community, regardless of nationality, political views, religious beliefs, ethnicity, gender, disability, or economic background, are expected to participate in academic life with mutual respect and professionalism. Harassment, discrimination, intimidation, or abusive conduct of any kind is strictly prohibited, whether inside or outside the classroom, on campus, online, or in any university-related setting.

AUT's teaching environment is professional, student-centered, and grounded in American-style higher education. Instructors are expected to maintain a respectful and supportive classroom atmosphere, encourage active participation, and promote open, evidence-based discussion. Students are likewise expected to engage responsibly, respect differing viewpoints, and contribute constructively to the learning process.

Faculty provide academic support through published office hours, timely feedback, and appropriate communication channels. Additional student support may include assistance with academic writing, mathematics, research skills, advising, student life, and co-curricular activities, as part of AUT's broader commitment to student success.

The University's approach to teaching and learning is designed to help students develop the critical, analytical, communication, research, teamwork, problem-solving, and leadership skills needed for academic achievement, professional readiness, and lifelong learning.

Governance

The Board of Trustees oversees the university's strategic direction. The day-to-day management of the University's Academic and Student Affairs is performed by the University Rector, assisted by the Academic Leadership Council.

Collection, Use, And Disclosure of Personal Information

The American University of Technology (AUT) processes and protects student personal data in accordance with the legislation of the Republic of Uzbekistan, including applicable laws and regulations on personal data protection, education, immigration, accreditation, taxation, reporting, and institutional compliance. AUT is also guided, where relevant and appropriate, by international good practice, including the General Data Protection Regulation (GDPR) of the European Union and the Family Educational Rights and Privacy Act (FERPA) of the United States.

Personal data shall be collected and processed lawfully, fairly, and for specific and legitimate educational, administrative, regulatory, contractual, immigration, accreditation, safety, reporting, and institutional purposes. AUT collects only the information necessary for these purposes and applies to appropriate technical and organizational measures to protect student data against unauthorized access, disclosure, alteration, loss, destruction, or misuse.

Student personal information may be used for admission, registration, enrollment, academic advising, academic monitoring, assessment, graduation, scholarships, student finance, financial aid, alumni relations, student housing where applicable, IT access, use of university systems and equipment, student support, safety and security, institutional planning, research, reporting, communications, and the promotion of university programs and student life.

For institutional purposes, AUT may classify certain limited student information as directory or public-facing information, where disclosure is legally permitted and appropriate. This may include the student's name, University email address, program of study or major, dates of attendance, enrollment status, date of graduation, degrees and awards received, previous educational institutions attended, student activities, and grade level. Student ID numbers may be used for internal University purposes but are not treated as public information.

Address, personal telephone numbers, personal email addresses, place and date of birth, national identification details, passport details, immigration information, financial information, and other sensitive identifying information shall not normally be treated as public directory information and shall only be disclosed where there is a lawful basis, student consent, or a legitimate institutional, regulatory, safety, immigration, accreditation, scholarship, or legal requirement.

Students may request that AUT restrict the disclosure of directory or public-facing information by submitting a written request to the Registrar's Office. Such requests will be reviewed and implemented in accordance with applicable law and University procedures.

AUT may disclose student personal information within the University to officials, employees, contractors, or authorized service providers who have a legitimate academic, administrative, operational, regulatory, safety, compliance, or institutional need to access such information in order to carry out their responsibilities. All members of the University community who access student information must respect its confidential nature and comply with applicable confidentiality obligations, including the AUT Employee Confidentiality and Non-Disclosure Agreement where applicable.

AUT may also be required or permitted to disclose student information to external parties, including government authorities, regulators, accreditation bodies, partner institutions, scholarship providers, funding agencies, auditors, service providers, donors, law enforcement authorities, public health officials, medical personnel, emergency responders, or other competent authorities. Such disclosure may be made for purposes including degree accreditation, audits, program evaluation, institutional reporting, visa and immigration processes, student mobility, scholarship administration, financial aid, safety, legal compliance, research, planning, and cooperation with partner institutions.

Information that AUT may be required or permitted to provide includes, but is not limited to, the student's full legal name, father's name, grandfather's name, national ID number, student ID number, photo, citizenship, date of birth, place of birth, gender, address, English-language score submitted for entrance, transfer details, secondary school details, degree program and major, years of study, AUT email address, passport details, visa or immigration information, academic standing, enrollment status, attendance records, scholarship status, and financial information, where such disclosure is lawful and necessary.

Students' written consent must be obtained before personally identifiable information is released from student records to a third party, unless disclosure is permitted or required by law, regulation, court order, competent public authority, accreditation requirement, contractual obligation, immigration process, financial aid process, institutional audit, scholarship administration, student mobility process, safety concern, or another legitimate educational, administrative, regulatory, or institutional purpose.

Student personal data may also be shared with a parent, family member, guardian, sponsor, or other designated person where the student has provided explicit written consent or signed an appropriate waiver authorizing AUT to disclose specified information to that person. Such disclosure shall be limited to the information and purpose covered by the student's consent or waiver and may be revoked by the student in writing, subject to applicable law and University procedures.

Where student consent is required, the consent must be signed and dated, either in written or electronic form where accepted by the University and permitted by law. The consent must identify the specific records or information to be disclosed, the purpose of the disclosure, and the individual, organization, or category of persons authorized to receive the information. AUT must be able to identify and authenticate the student as the source of the consent.

Regular photographs and videos of university events and activities, whether on campus or during university outings, may be taken. These photographs and videos may be used for classroom displays, newsletters, the University website, media coverage, and official social media channels. Students' written consent is required before their image, video, voice, or other identifiable personal data is used for external communication, marketing, media, or promotional purposes, unless another lawful basis applies.

The Office of the Registrar maintains official student records and may charge a fee for official copies of records. Students have the right to access their official records and may request inspection or review by submitting a written request to the Registrar's Office. Documents exempt from inspection may include records containing confidential information about another student, legally privileged information, internal deliberative records, or other information that AUT is not permitted or required to disclose under applicable law or University policy.

Students may request correction of inaccurate, incomplete, or outdated personal data, in accordance with applicable law and University procedures. Records may be amended where information is inaccurate or misleading. Opinions, grades, academic judgments, and substantive academic decisions cannot be amended through the records-correction process. Academic grades and academic decisions may only be reviewed or appealed through the applicable academic appeal procedures.

University academic and operational departments may collect and maintain student information including, but not limited to, class lists, photographs, attendance records, grades, assignment and examination results, student contact details, correspondence with students, advising records, graduation status, thesis copies, and submitted assignments. Such information must be collected, stored, accessed, used, shared, retained, and disposed of in accordance with applicable law, University policy, and the principles of necessity, confidentiality, accuracy, security, and restricted access.

Where student personal data is transferred to third parties or outside the Republic of Uzbekistan, AUT shall ensure that such transfer is carried out in accordance with applicable Uzbek personal data legislation, including any consent, contractual, security, registration, or cross-border transfer requirements.

AUT shall retain student records and personal data only for as long as necessary for academic, administrative, legal, accreditation, regulatory, archival, or institutional purposes. Student information shall be stored securely, accessed only by authorized persons, and deleted, destroyed, returned, or archived securely when no longer needed, in accordance with applicable retention procedures.

The Official Student Record

The University Registrar maintains the official student record. The official student record includes information provided at the time of application, registration, changes to programs and courses, student identification number, academic record, graduation status, enrollment status, attendance records where applicable, scholarship or financial status where relevant, and visa or immigration status for international students. The official student record is used to determine a student's eligibility for admission, registration, program progression, graduation, certification, student support, regulatory reporting, accreditation, scholarship administration, immigration compliance, and institutional planning. It may also be used to contact the student, confirm the student's status and identity, verify attendance or enrollment, record honors received, and develop statistical reports.

Academic records are held in the University's database and/or other approved University information systems. Students' academic records are maintained on a long-term basis and are available to students, alumni, and former students upon request, subject to applicable law, University procedures, identity verification, and any applicable fees. Student records are the property of the University, and only authorized University officials, authorized service providers, partner institutions where applicable, or competent government authorities have access to them where there is a legitimate academic, administrative, legal, regulatory, accreditation, immigration, safety, or institutional purpose. In accordance with university regulations, copies of those records may be made available to the student or graduates upon written request.

Access to the official student record is limited in accordance with the University's data protection, confidentiality, and privacy policies. Information used to contact alumni and for university development activities from the official student record may include name, contact information, program, and graduation status, provided that such use is lawful and consistent with applicable consent and communication preferences.

Students should notify the Registrar's Office immediately upon noticing any irregularities on their academic transcript or other official records. Requests for correction must be supported by appropriate documentation and will be reviewed in accordance with university procedures. Academic judgments, grades, and substantive academic decisions may only be reviewed through the relevant academic appeal process, not through the records-correction process.

Schools Records

Academic departments and administrative divisions may collect, maintain, and access student personal information where necessary to carry out their academic, administrative, advising, assessment, and student support responsibilities. This information may include class lists, attendance records, assignment and examination results, correspondence with students, advising notes, academic progression information, and graduation status.

Such information is used to monitor student progress, support teaching and advising, communicate with students, administer courses and programs, confirm participation and attendance, assess academic performance, and ensure the proper operation of university programs and services.

Access to these records is restricted to authorized University personnel with a legitimate academic, administrative, or institutional need. Records must be handled in accordance with the University's data protection, confidentiality, privacy, and records of retention policies, as well as applicable laws and regulations.

Scholarships and Student Finance

Student Finance collects and accesses personal information about students who have applied for financial aid, awards, and/or scholarships. The University administers student financial aid and scholarships under contract with donors. The information collected is used to administer Scholarships and the University's financial aid programs as determined by the needs of donors of scholarships and financial aid.

The Student Finance department collects personal information in order to ensure debts owed are recorded and collected. This information is used to determine eligibility to participate in programs and activities including registration, housing, and graduation.

Student Services

The Office of Student Affairs directs and manages all non-academic student life-related services and programs, including student conduct, housing, residency, initiatives, activities, clubs and associations, career guidance, counselling, Alumni association, the Student Handbook, and all non-academic-related student policies at AUT.

Information Technology Services

The AUT Information Technology Department processes student information as necessary to provide and administer access to University IT services, including user accounts, email, computing resources, learning platforms, and other digital services. Such information may also be used for IT security, system administration, technical support, and the appropriate use of University technology resources.

Data Security

AUT has policies in place to ensure data safety and security. The IT team has put in place mechanisms and guidelines to ensure data security on all AUT electronic devices. The following are a few clauses from the AUT IT policy on data security for the employees to practice ensuring that data including PII of the AUT community is protected:

- Do not download, store or record data that includes any personal and identifiable information related to faculties, staff, alumni or address, account number, credit card number, etc., which, if lost or stolen, could be used for identity theft/fraud. The user is responsible for the security of all AUT data stored on or carried on the computer.
- The user is responsible for ensuring that virus protection and operating system updates are installed after receiving the system notifications.
- Do not alter any system of software or hardware configuration unless the Information Technology Department provides written approval or instruction.
- No application or software should be installed on a university computer unless the Information Technology Department approves it.

ERRATA AND ADDENDA

The AUT Undergraduate and Graduate Catalog along with the Calendar is updated annually and is effective for the academic year that runs from September to August. From time to time, the University might choose to offer new programs, and as such, approval may be given after the Calendar has been published. In this event, the University will list newly approved programs and majors along with complete descriptions and requirements on the University's website. The online edition of the Catalog and Calendar may be changed to reflect these changes. Please check out this website regularly for information about changes.

UNIVERSITY CALENDAR

The University Calendar defines the academic year terms, important dates and deadlines, anticipated holiday dates, fee payment deadlines, adding and dropping courses, application for graduation, and other related important information. Dates and deadlines are subject to change. The most up-to-date Calendar can be found online at: aut-edu.uz/calendar/

The University operates on three academic terms during the academic year:

- Fall Semester
- Spring Semester
- Summer Semester

The Fall and Spring semesters normally consist of 16 weeks, including 15 weeks of instruction and one week for final examinations and academic completion activities. The Summer semester may follow a more intensive schedule, while ensuring that required contact hours, learning outcomes, and assessment standards are maintained.

AUT may also offer graduate and professional programs in flexible formats, including evening, weekend, modular, blended, and executive delivery models, where appropriate and in accordance with applicable academic and regulatory requirements.

Graduate courses are generally scheduled in the evening, typically between 6:00 pm and 9:00 pm, to accommodate working professionals. Depending on the program structure, additional sessions may be scheduled during weekends, intensive modules, online learning periods, or other approved formats.

The University endeavors to provide appropriate breaks between academic terms where possible. Any changes to the academic calendar, course schedule, or delivery format shall be communicated through official University channels.

Academic Calendar 2026-2027

American University of Technology

Academic Calendar 2026-2027

Bachelor and Master Programs

AUGUST 2026

15	Tuition & Fees Payment Deadline
17	New Faculty Orientation
18	Returning Faculty Reporting Day
21	Convocation Ceremony & Student Welcome Party
18-24	Faculty In-Service Week
25-31	Academic Planning Week

SEPTEMBER 2026

1	Independence Day of Uzbekistan
3-4	Exceptional Exams Retake
7	Course Registration Opens (UG & Graduate)
7-11	Untergraduate Student Orientation
9	Undergraduate Placement Testing
11	Student Account Activation Deadline
18	Tuition & Fees Payment Deadline
19	Graduate Student Orientation
21-28	Late Registration Period
21	First Day of Graduate Classes
21	First Day of Undergraduate Classes
21	Add/Drop Begins
25	Add/Drop Ends
28	Late Registration Ends

NOVEMBER 2026

11	Midterm Grade Entry Deadline
13	Midterm Grades Released to Students
27	Last Day to Withdraw from a Course without Academic Penalty

DECEMBER 2026

8	Constitution Day
31-3	New Year Closure

JANUARY 2027

8	End of Instruction — Undergraduate and Graduate Programs
11	Reading Day
12-16	Final Examinations Period
13	Course Registration Opens
15	Tuition and Fees Payment Deadline
18	First Day of Undergraduate Classes
18	UG Add/Drop Begins
19	Final Grade Entry Deadline (Faculty)
20	Final Grades Released / Grade Appeal Period Opens
23	Academic Standing Review (Probation / Dismissal)
23	Graduate Student Orientation
25	First Day of Graduate Classes
26	Grade Appeal Deadline

MARCH 2027

8	Women's Day
10	Eid al-Fitr / Ro'za Hayit
21-22	Navruz
21-27	Undergraduate Midterm Break
24	Midterm Grade Entry Deadline
26	Midterm Grades Released

American University of Technology

Academic Calendar 2026-2027

Bachelor and Master Programs

APRIL 2027

16	Last Day to Withdraw without Academic Penalty

MAY 2027

8	End of Instruction — Undergraduate Programs
9	Day of Memory and Honour
10	Reading Day
11-15	Final Examination Period
17	Eid al-Adha / Qurbon Hayit
21	Final Grade Entry Deadline
31	Final Grades Released

JUNE 2027

4	Grade Appeal Deadline
7	Graduation Eligibility Review
12	Degree Audit Completion
14	Graduation Clearance — Registrar
18	Commencement Ceremony
21	Summer Registration Opens
28	Summer Classes Begin

AUGUST 2027

16	Summer Final Examinations
20	Summer Grade Entry Deadline

Tuition Fees Structure

Tuition Fees Structure	
Programme	**Annual Tuition Fee (UZS)**
Undergraduate programs: AI in Business Business & Technology Computer Science Cybersecurity Data Science Finance & FinTech Industrial Engineering International Relations & Diplomacy International trade Marketing & Communication Software engineering	61 600 000
Undergraduate programs: Logistics & Supply Chain Management Psychology Tourism	52 000 000
Graduate programs: MBA Global Management Cybersecurity	71 500 000
Graduate programs: TESOL (full program 3 semesters)	62 000 000

- Tuition fee can be done as deposit in the amount of 5 000 000 UZS payment which is than subtracted from contract amount or semester wise.
- The University may offer a limited number of 100% scholarships for selected programs. The number of awards, eligible programs, selection criteria, and deadlines are announced for each admissions cycle by the Scholarship Office.
- The tuition fees listed above are applicable only to new applicants for 2026 intake
- Depending on enrollment period there are winter offers, special offers at the university with 30% and 20% grants.
- Payment for the full academic year in advance (2 semesters) also gives additional 5% discount to a student.

Admissions

The American University of Technology admits qualified students in the fall term for graduate and undergraduate programs and spring term for graduate programs, with the fall semester commencing in early September and the Spring semester commencing in mid-January.

Applications for undergraduate, transfer, and graduate admission are welcomed by the Admissions Office on or before the published deadlines. We are seeking students who demonstrate suitable university readiness qualifications.

Only applicants who have completed general secondary (eleven-year) education, secondary specialised education or initial vocational education (college) are admitted to undergraduate programs. The original document of completed education must be submitted to the Admissions Office before enrolment. These requirements do not apply to admission to the Foundation courses organised by the University.

Admission information within this Catalog pertains to applicants beginning studies in the 2026/2027 academic year.

Admission Procedures

The Admissions Office reviews each applicant's qualifications based on a variety of criteria in order to ensure that the applicant can be successful in meeting the demands of a challenging American-style curriculum taught in English.

To enhance efficiency and transparency, the university utilizes the AMO CRM system. This advanced platform streamlines the entire application process, enabling faster review, better coordination among departments, and quicker approval decisions. As a result, applicants receive timely updates and a smoother overall admission experience.

Application

To apply for admission or readmission, applicants must submit an Application for Admission online and submit all required documents by the requested deadline. With the completion and submission of the application, applicants thus attest that the information they are providing is complete and accurate.

Submission of Transcripts and Supporting Documentation

When applicable, prospective students must provide official records of their secondary school performance and/or other supporting documents. Information provided in the admission application is evaluated along with the applicant's past academic record and proficiency in English. All transcripts for all former education and other required documents are required no later than the requested deadline. Failure to disclose attendance at prior institutions may result in the denial or rescinding of an offer of admission.

Confirmation of Admission

All newly admitted and readmitted students are required to confirm their acceptance of admission on or before the requested deadline date, failure to do so will be recorded as the applicant declining the acceptance offer.

The University does not guarantee admission to all those who meet the minimum requirements for admission.

Admission Appeals

All admission decisions are final and may not be appealed to any person, department or division of the University.

Admission Requirements

General admission requirements are outlined dependent on the following admission routes. Some programs may have additional admission requirements that must be met by all applicants by the appropriate deadline. Please visit the respective academic department or division for such requirements.

Admission Routes and Academic Qualifications

Applicants must meet the English Language Proficiency Requirement before beginning credit-bearing degree courses. Applicants who do not yet meet the requirement may be considered for conditional admission to an approved preparatory English program, subject to the conditions stated below.

Undergraduate applicants seeking a scholarship are required to take a mandatory Mathematics test (computer-based) at AUT.

Admission is based on the highest level of education completed. All applicants must meet the English Language Proficiency Requirement for the program sought. Some programs may have additional requirements.

High School Admission Route

Applicants presenting high school credentials as the highest level of educational attainment are considered under the High School Admission Route. Applicants must have completed their secondary studies prior to the commencement of studies at AUT. Only passing grades are used in the average calculation; where a course has been repeated, the highest grade is used. International high school qualifications may be considered. When necessary, the Admissions Office converts grades from outside Uzbekistan to the national scale.

Post-secondary Admission Route

Applicants who have completed six or more credit courses at one or more post-secondary institutions are considered under the Post-secondary Admission Route. To qualify, post-secondary applicants must present at least a 2.0 on the AUT 4.0 GPA scale. When necessary, the Registrar's Office converts grades to the AUT 4.0 GPA scale for awarding transfer credit. Applicants presenting fewer than six credit courses must also meet the High School Admission Route requirements.

Upon commencement of the first term of studies at AUT, post-secondary credit courses may be considered for transfer of credit on a course-by-course basis. Students are not normally permitted attainment of another degree that is similar to one already completed at a recognized institution. Undergraduate applicants who have completed an approved undergraduate baccalaureate degree with a minimum of 2.0 GPA may be eligible for general admission to pursue another undergraduate degree. Applicants who have been required to withdraw, suspended, or expelled from another recognized post-secondary institution will be considered for admission one year after the date of the required withdrawal or expiration of the suspension/expulsion, and only with the approval of the Registrars', Academic Affairs' and Rectors' Office.

Readmission Route

All students returning to AUT after an absence of two terms must apply for readmission by the published deadline. Applicants who leave after completing one or more terms and have not completed transferable courses at another institution during their absence will be considered for readmission to their previous program of study.

Students who were not enrolled in a Fall or Spring semester without an approved leave of absence may apply for reinstatement in the Fall semester admission period or in the Spring semester admission period. Reinstatement is formalised by order of the Rector, and credits earned before the interruption are counted in full.

International Students

All international applicants must present appropriate secondary or post-secondary qualifications, meet the English Language Proficiency requirements, meet any program-specific admission requirements, and satisfy all additional admissions requirements as noted in the call for applications. Deferrals in BA, BSc, MBA, or MSc programs are not permitted.

Application Deadlines

Application and document deadlines vary by term and will be due as noted in the call for applications and as requested by admissions to applicants.

English Language Proficiency Requirements

English is the primary language of instruction and communication at AUT. All students must demonstrate an English language level adequate to meet the demands of coursework. Proficiency in English may be demonstrated through the following means. All score reports are valid only if issued within two years from the date of matriculation at AUT. AUT reserves the right to request an English Language Proficiency test from any student or applicant regardless of their academic background.

The English language proficiency requirement may be waived if the applicant is a native speaker of English and has completed secondary (or prior degree) education in a country where English is the official language and English was the language of instruction. Applicants who have completed a prior degree where the medium of instruction was English may be exempted from providing separate proof of English proficiency; this exemption does not apply to applicants seeking a scholarship.

For applicants who do not hold a valid English language proficiency certificate, AUT offers the English Score Test by the British Council. This option is available only for contract-based (tuition-based) admission.

Undergraduate Programs — Minimum requirements for contract-based admission

IELTS	TOEFL	TOEFL new format	CEFR	British Council English Score	iTEP Academic	SAT EBRW section	Duolingo English Test
5.5	60	3.5	B2	400+	3.5 — 3.6	500	95

Undergraduate Programs — Minimum requirements for scholarship-based admission

IELTS	TOEFL	TOEFL new format	CEFR	British Council English Score	iTEP Academic	SAT EBRW section	Duolingo English Test
6.5	87	4.5	B2	450+	4.0+	600	120

Graduate Programs — Minimum requirements for contract-based admission

IELTS	TOEFL	TOEFL new format	CEFR	British Council English Score	iTEP Academic	SAT EBRW section	Duolingo English Test
6.0	66	4.0	B2	450+	3.8 — 4.4	550	105

Graduate Programs — Minimum requirements for scholarship-based admission

IELTS	TOEFL	TOEFL new format	CEFR	British Council English Score	iTEP Academic	SAT EBRW section	Duolingo English Test
7.0	95	5.0	C1	500+	4.5+	650	130

Note: Applicants who do not meet the English language proficiency requirement may be offered conditional acceptance. They will be required to take the English Placement Test to determine their proficiency level and will be enrolled in the appropriate academic English preparatory courses designed to improve their academic English skills before beginning the degree program.

Students will also be offered tuition-based remedial English courses alongside their regular academic courses during the semester to help them meet the University's Academic English standards. If a student does not successfully complete the remedial English course, the contract will be terminated.

Admission Documents

General admission requirements are determined by the applicable admission route. Some programs may have additional requirements that must be met by the relevant deadline. Applicants must meet the English Language Proficiency Requirement before beginning credit-bearing degree courses; conditional admission to preparatory English study may be available as described above.

Undergraduate Programs — Minimum requirements for contract-based admission:

- National Passport or National ID.
- Completion of secondary education or its equivalent, Diploma + Transcript (in Uzbek, Russian, or English).
- English Proficiency Certificate (English certificate equivalencies table given above).

Undergraduate Programs — Minimum requirements for scholarship-based admission:

- National Passport or National ID.
- Completion of secondary education or its equivalent, Diploma + Transcript (in Uzbek, Russian, or English), with a minimum GPA of 4.0 out of 5.0.
- English Proficiency Certificate (English certificate equivalencies table given above).
- Personal statement.
- Letter of recommendation.

Transfer students from other post-secondary institutions must also provide:

- Official transcript(s) of all previous post-secondary coursework

Graduate Programs — Minimum requirements for contract-based admission:

- National Passport or National ID.
- A recognized undergraduate degree or its equivalent in a related field. Undergraduate Diploma + Transcript (in Uzbek, Russian, or English).
- Enrollment in a related academic program will be at the prospective student's discretion and subject to the University's approval. The University shall not be responsible for the student's academic performance or inability to meet the required academic standards after enrollment.
- English Proficiency Certificate (English certificate equivalencies table given above).
- Professional CV.

Graduate Programs — Minimum requirements for scholarship-based admission:

- National Passport or National ID.
- A recognized undergraduate degree or its equivalent in a related field. Undergraduate Diploma + Transcript (in Uzbek, Russian, or English), with a minimum GPA of 4.0 out of 5.0.
- English Proficiency Certificate (English certificate equivalencies table given above).
- Professional CV (Minimum 1 year of work experience in the relevant field).
- Personal statement.
- Recommendation letters (Two recommendation letters are required: preferably one from a previous educational institution attesting to your academic performance, and one from your workplace confirming your work experience).

Additional Quantitative and Mathematical Requirements for Bachelor Programs

Applicants to bachelor's programs are expected to demonstrate a level of quantitative and mathematical readiness appropriate to the academic requirements of their chosen field of study. Undergraduate applicants seeking scholarship are required to take a mandatory Mathematics test (computer-based) at AUT.

Applicants seeking an undergraduate scholarship within the School of Business or the School of Digital Technologies must take the designated AUT mathematics examination (College Algebra or Calculus, according to the program), regardless of an SAT certificate or Uzbekistan National Certificate in Mathematics. Applications are normally open until the end of June. Awards are made through a published ranking that considers the mathematics examination as the primary criterion and may also consider international certificates, high-school GPA, and English proficiency. The Scholarship Office publishes the number of awards and final weighting of criteria for each admissions cycle.

School of Digital Technologies (SoDT) Qualification Test

Students who do not hold a bachelor's degree in computer science or software engineering and who are applying to MS programs in the School of Digital Technologies are required to take a proficiency examination to meet the minimum entry requirement. This requirement applies only to applicants planning to pursue an AUT degree; it is not required for the ASU pathway.

The proficiency examination is based on undergraduate-level mathematics (Calculus and Linear Algebra) and programming languages (Python and C++). It consists of 10 questions, carries a maximum score of 100, lasts 60 minutes, and has a passing score of 50. Admission and any graduate scholarship decision are separate: admission requires meeting the stated entry requirements, while scholarship awards, when available, are made under published program-specific criteria that may include the examination, interview, and professional achievements.

Admissions Process

If the applicant qualifies for admission, they will be notified by the Recuitment Office via email and/or phone. In order to matriculate, the applicant must accept the offer of admission in writing, and where applicable pay a non-refundable deposit, semester payment or full year payment. The student is expected to accept the offer within 10 business days. The deposit will be credited to the student's course fees for the semester upon the commencement of the term. Prospective students and applicants should verify payment details and deadlines with the Recruitment Office.

Following acceptance of admission students may be tested on English writing, mathematics, and information literacy. These placement exams are mandatory and test scores are used to place students into appropriate classes based on their current proficiency. Depending on test scores, students may be required to take one or more non-credit remedial courses to build their foundational knowledge for registration in credit courses. Placement exams are administered only once at the start of a student's studies in the fall and spring.

If a student does not take one of the required placement exams, they will be placed at the remedial (pre-academic) level and must complete all courses in sequence. A student who does not attend any of the required placement exams will not be permitted to commence their studies.

AUT reserves the right to review or change the admission decision based on English language proficiency when a student tests at a lower level after a break in their studies from the university. The University also reserves the right to request an English Language Proficiency test from any student or applicant regardless of their academic background.

Conditional Admission

Admission decisions are based on the information available at the time of review. A conditional offer of admission may be issued in anticipation of fulfillment of admission requirements. Upon fulfillment of admission requirements, the Recruitment Office will subsequently issue a letter confirming that all conditions of the conditional admission offer have been met.

Admission may be rescinded and/or registration privileges may be restricted if official documentation that confirms the applicant's eligibility for admission is not received by the appropriate deadline. If a decision to rescind an offer of admission is made, the applicant will be notified in writing no less than two weeks before term starts.

Early College Credits Transfer

The American University of Technology (AUT) offers an Early College Credits Transfer pathway that enables qualified secondary school students, particularly those in grades 9, 10, and 11, to enroll in selected first-year general courses while still completing their secondary education. This initiative is designed to expand access to high-quality American-style higher education, support academic readiness, and provide a structured bridge between secondary and tertiary study.

Upon successful completion of approved Early College courses, participating students receive a Certificate of Completion issued by AUT. Students who subsequently apply for and are admitted to an undergraduate degree program at AUT may request exemption from the corresponding foundation courses and/or transfer of the earned credits, subject to the University's Transfer Credit policies, program requirements, and applicable academic regulations.

Eligibility

To be considered for participation in the Early College Credits Transfer pathway, applicants must meet the following minimum criteria:

- Be currently enrolled in grade 9, 10, or 11 at a recognized secondary school.
- Demonstrate academic readiness consistent with the demands of university-level study, including satisfactory secondary school performance.
- Meet the English Language Proficiency requirements applicable to undergraduate contract-based admission or successfully complete any required placement assessment administered by AUT.
- Obtain written approval from secondary school and, where required by law or institutional policy, parental or guardian consent.
- Submit a complete Early College application and all supporting documentation by the published deadlines.

Admission to the Early College pathway is selective and is not guaranteed solely on the basis of meeting minimum eligibility criteria. The University reserves the right to limit enrollment based on capacity, academic preparedness, and institutional priorities.

Program Structure and Eligible Courses

Participating students may enroll in designated first-year general education courses offered by AUT. Course offerings under the Early College pathway are determined annually by the relevant academic departments in consultation with the Office of the Registrar and the Admissions Office. Eligible courses typically include selected foundation modules in areas such as academic English, mathematics, information literacy, university success skills, and other introductory courses aligned with AUT undergraduate programs.

Students must register for all required components of a course to be considered fully enrolled. Attendance, assessment, and academic integrity requirements applicable to regular AUT students apply equally to Early College participants. Courses are delivered in accordance with AUT's teaching and learning standards and may be offered in face-to-face, blended, or other approved formats.

Certificate of Completion

Upon successful completion of each approved Early College course (minimum grade of C or equivalent, or as otherwise specified by the academic department), the student will be awarded a Certificate of Completion by AUT. The Certificate confirms the course title, credit value (where applicable), grade earned, and the academic term in which the course was completed. Certificates are issued by the Office of the Registrar and form part of the student's official record for the purpose of future credit evaluation.

Credit Transfer and Course Exemption upon Admission to AUT

Students who successfully complete Early College courses and who subsequently apply for admission to an undergraduate program at AUT may request that the completed courses be evaluated for transfer credit and/or exemption from equivalent first-year foundation requirements.

The following conditions apply:

- The course must have been completed with a grade of C or higher (or the equivalent grade required under the University's Transfer Credit policy).
- The course content, learning outcomes, and credit value must be comparable to the corresponding AUT foundation course for which exemption or transfer is sought.
- Credit evaluation is conducted on a course-by-course basis by the relevant academic department in coordination with the Registrar's Office.
- Transfer credits awarded under this pathway count toward the maximum transfer credit limits established in the University Catalog (normally not exceeding 60 credit hours / 120 ECTS equivalent toward a bachelor's degree).
- Grades earned in Early College courses are recorded on the student's AUT academic record where credit is transferred; however, in accordance with standard Transfer Credit policy, transferred grades are not normally calculated into the AUT grade point average unless otherwise specified.
- Exemption from a general education course does not automatically satisfy prerequisites for higher-level courses unless explicitly confirmed by the academic department.

Students seeking transfer or exemption must submit a formal Request for Transfer Credit / Course Exemption to the Registrar's Office no later than six weeks after the commencement of their first term of study at AUT, together with the Certificate(s) of Completion and any additional documentation required by the University.

Application Process

Prospective Early College students must:

- Complete and submit the Early College Application form through the Recruitment Office (or designated online portal).
- Provide official or certified secondary school transcripts reflecting current academic performance.
- Submit evidence of English language proficiency or sit for any required placement assessment.
- Obtain and submit written school approval and, where applicable, parental/guardian consent.
- Pay any applicable application or registration fees by the published deadline.

Application and document deadlines are published in the call for applications and/or communicated by the Recruitment Office. Incomplete applications will not be considered. Admission decisions are final and may not be appealed.

Academic Standing, Policies, and Student Conduct

Early College students are bound by the academic regulations, Honor Code, attendance policy, grading system, academic integrity standards, and student conduct policies of the American University of Technology as set out in the University Catalog and Student Handbook. Violations of academic integrity or University standards may result in disciplinary action, including withdrawal of enrollment privileges and/or denial of Certificate of Completion or future credit transfer.

Participation in the Early College pathway does not constitute admission to a degree program at AUT. Students who wish to pursue a full undergraduate degree must apply for regular admission through the standard admissions process and meet all applicable entry requirements for the intended program and catalog year.

Limitations and Institutional Rights

The University reserves the right to modify course offerings, eligibility criteria, credit transfer rules, fees, and administrative procedures for the Early College Credits Transfer pathway without prior notice, consistent with the general Notice and Disclaimer provisions of the Academic Catalog. Not all foundation courses may be available under the Early College pathway in any given term. The maximum number of credits that may be earned or transferred through this pathway is subject to academic and regulatory limits.

Successful completion of Early College courses and receipt of a Certificate of Completion do not guarantee subsequent admission to AUT or to any specific degree program.

Further Information

For detailed information on eligible courses, application deadlines, fees, and procedures, prospective students and secondary schools should contact the Admissions Office or the Office of the Registrar. The most current information is maintained on the University website and in official communications issued by AUT.

Equity and Diversity

AUT is committed to fostering an inclusive environment. Admissions consider diverse socio-economic backgrounds, ethnicities, genders, and abilities.

Placement Examinations

Following acceptance of admission, students will be asked to take any of the English Proficiency tests accepted for admission. Depending on test scores, students may be required to take one or more non-credit remedial courses to build foundational knowledge before registration in credit courses. A student who does not provide English certificate will be placed at the remedial (pre-academic) level and must complete all courses in sequence. A student who does not attend any of the required placement examinations will not be permitted to commence studies. AUT reserves the right to review or change the admission decision based on English language proficiency when a student tests at a lower level after a break in studies.

Review and Amendments

The Admission Policies and Procedures are reviewed annually or as needed to reflect changes in university policy, legal requirements, or strategic direction. Amendments must be approved by the Rector.

Transfer Students

In accordance with the higher education legislation of the Republic of Uzbekistan, all student transfers, both domestic (local) and international, must be processed through the official national transfer portals. Local transfers are conducted via the transfer.edu.uz portal. International transfers are conducted via the uz.bmb portal. AUT's internal academic evaluation and course-matching procedures operate in parallel with, and in support of, these mandatory national processes.

AUT may award transfer credit for comparable academic work completed at a recognized university toward the completion of an AUT program. Not all transfer credit granted will necessarily satisfy program requirements. Students may not transfer courses that are being utilized to obtain a degree at another institution.

National Transfer Portal Requirements (Republic of Uzbekistan)

All applicants seeking to transfer into AUT must complete the transfer process through the designated national portals administered under the authority of the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan:

- Local (domestic) transfers: transfer.edu.uz
- International transfers: uz.bmb portal

No transfer is considered complete until the applicant has successfully submitted the transfer application through the appropriate national portal and AUT has formally accepted the transfer request within that system. AUT's internal review and course-matching process precedes and informs the University's decision on the portal.

AUT Internal Review, Conditional Offer, and Support

Prospective transfer students should note the following streamlined process designed for clarity and speed:

- AUT reviews official transcripts, course syllabi, and supporting documentation promptly.
- Following academic evaluation, AUT issues a decision and, where appropriate, a conditional offer of admission that indicates the courses accepted for transfer credit and any remaining requirements.
- It is then the responsibility of each student to enter their own details and complete the formal transfer application on the relevant government platform (transfer.edu.uz or uz.bmb), as required by national regulation.
- AUT will assist students throughout the government transfer process if needed, once a conditional offer has been issued.

AUT Internal Review and Course-Matching Process

Prior to (or in parallel with) formal submission on the national transfer portal, prospective transfer applicants must undergo AUT's internal academic evaluation. The process is as follows:

- Initial Review and Course Matching. The applicant submits official transcripts, course syllabi, and any other required supporting documentation to the Admissions Office / Registrar's Office for preliminary evaluation.
- Academic Evaluation. The relevant academic departments assess the comparability of previously completed coursework with AUT program requirements, learning outcomes, and credit values.
- Dean Approval. Course matching and proposed transfer credit awards are subject to approval by the Deans of the respective Schools.
- Conditional Offer. Upon successful internal review, AUT issues a conditional offer outlining the accepted transfer credits and any outstanding conditions.
- Portal Submission by Applicant. Following receipt of the conditional offer, the applicant logs into the appropriate national portal (transfer.edu.uz for local transfers or uz.bmb for international transfers) and completes the formal transfer application.
- AUT Review and Acceptance on Portal. Once the application is submitted on the national portal, AUT reviews the request within the portal system and, if all academic and regulatory conditions are met, formally accepts the transfer.
- Completion of Transfer. For local transfers, the process is completed after AUT's acceptance on the portal and fulfilment of any remaining institutional enrolment requirements. For international transfers, additional language-proficiency requirements (described below) must also be satisfied before final enrolment.

Local (Domestic) Transfers

Applicants currently enrolled at a recognized higher education institution within the Republic of Uzbekistan who wish to transfer to AUT must complete the transfer process via the transfer.edu.uz portal. After AUT's internal course-matching and Dean's approval, and after the applicant has submitted the application on transfer.edu.uz, AUT will review and, where appropriate, accept the transfer request on the portal. Upon acceptance and completion of AUT enrolment procedures, the transfer is finalized.

International Transfers

Applicants seeking to transfer from a higher education institution located outside the Republic of Uzbekistan must complete the transfer process via the uz.bmb portal. In addition to the general transfer requirements and AUT's internal course-matching process, international transfer applicants are subject to the following language-proficiency requirement:

Language Proficiency Assessment for International Transfers

International transfer applicants are required to take a language proficiency examination administered by the Agency for Assessment of Knowledge and Skills under the Government of the Republic of Uzbekistan. The examination is based on the medium of instruction (MOI) of the applicant's previous educational institution.

After successfully completing the language proficiency examination administered by the Agency, the applicant may proceed with the application to AUT and the formal transfer process on the uz.bmb portal.

Exemption: Applicants who hold a valid language proficiency certificate recognized by the Agency (or by AUT in accordance with the University's published English Language Proficiency Requirements) may be exempted from the Agency language examination by uploading the valid certificate through the designated portal or application channel. AUT reserves the right to verify the authenticity and validity of any submitted certificate.

Transfer Credit Policies

The following academic policies govern the award of transfer credit at AUT, subject always to compliance with national transfer portal procedures and Ministry regulations:

Eligible Institutions

Transfer credit may be considered for coursework completed at:

- An accredited or recognized post-secondary institution approved by the government of the country in which the institution is located and the degree is issued.
- An institution that holds U.S. regional accreditation (or candidacy status from a regional accrediting association).
- An institution outside Uzbekistan that has recognition or accreditation by the Ministry of Higher Education (or equivalent competent authority) in the country where the courses were taken.

Documentation Required

The student is responsible for providing full and complete information on all previous post-secondary records. Required documents include:

- A duly completed Request for Transfer Credit form (or equivalent internal AUT form).
- An official sealed transcript together with course syllabi from the previous institution for each course for which transfer credit is sought.
- A certified translation of transcripts and course syllabi for any course completed in languages other than English, Uzbek, or Russian (and, where applicable, other languages accepted by the University).

Academic Criteria for Transfer Credit

- The course must have been taken within the last five years.
- The grade earned must be the equivalent of a C or higher (C— and lower grades are not eligible for transfer credit).
- The course must be at the 100-level equivalent or above; no credit is awarded for remedial, developmental, or non-credit courses.
- A maximum of 60 credit hours (or the 120 ECTS equivalent) may be awarded as transfer credit toward a bachelor's degree. Individual departments may place further limits on the transfer of specific program requirements, subject to approval of the Rector.
- Transfer students must complete at least 50 percent of the required credits for the degree in residence at AUT.

Courses Not Eligible for Transfer

- Pass/Fail (or equivalent non-letter graded) courses.
- Audited courses.
- Courses with following grades (D, E, W, I or equivalent).
- Technical programs/certificates, life experience, military service, volunteer work, or similar non-academic credit.
- Courses intended as a review of secondary-school materials (remedial/developmental/preparatory).
- Courses whose content is deemed inconsistent with standard university curricula.

Grade Treatment and Authority

Grades earned from transferred credits are not used in calculating the AUT grade point average. Credit earned from an institution using a quarter-based academic calendar is converted to semester credits. Final decisions regarding the acceptance of transfer credits are made by the academic department that houses the course requirement for which transfer credit is requested, subject to Dean approval and overall consistency with University policy. The Academic Affairs' Office maintains records of all transfer evaluations and has final authority with respect to the evaluation and assignment of transfer credit on the official student record.

Requests for transfer credit must normally be submitted to the Academic Affairs' Office no later than within six weeks of the first term of study at AUT.

Students Wishing to Complete Work at Other Institutions after Admission to AUT

Students wishing to complete coursework at other institutions after admission to AUT must receive prior approval from the appropriate department coordinator, Academic Affairs' Officer as well as the Registrar. Such study is governed by the Visiting Student / Exchange Student provisions of this Catalog and remains subject to any applicable national transfer or mobility regulations.

General Policy and Processes for All Applicants

Misrepresentation/Falsified Documents

Applicants submitting falsified documentation will result in expulsion from AUT.

Authority to Rescind Admission/Registration Privileges

The Rector shall have the power and authority to rescind any application for admission to an undergraduate studies program or graduate studies program at AUT prior to the date the applicant commences academic studies or the first day of class.

The Rector may rescind authorization to register at their discretion if it has been determined that the individual presents a potential risk to the safety, security and well-being of members of the University community.

Entry and Graduation Requirements for Undergraduate Programs

AUT Application

Fill out and submit the online application. You can apply up to one year prior to the term for which you plan to enroll.

Secondary School Records — Scanned copies of Secondary School qualifications certificates and transcripts in the original language, as well as certified English translations, if necessary. If admitted to AUT, all documents must be presented to the Admissions Office in order to be permitted to officially enroll.

English Language Proficiency Score

The English language proficiency requirement may be waived if you are a native speaker of English and you have completed your secondary education in a country where English is the official language and English was the language of instruction where you graduated.

AUT reserves the right to request English test results from any applicant.

Please note: All score reports will only be valid if issued within 2 years from the date of matriculation at AUT.

Please note: For students who do not meet the English proficiency requirement, conditional acceptance can be offered to our English for Academic Purposes program designed to improve student's English academic proficiency before entering their degree.

Passport Copy

You must submit a photocopy of your passport along with your application and supporting materials.

Please note: If you are a Uzbekistan citizen, you are able to submit a copy of your National ID.

Graduation Requirements Undergraduate Programs

Graduation Requirements Undergraduate			
MQF Level	**Program Length**	**Successful Progress Requirement**	**Credits Needed to Earn the Degree**
6	Full-Time up to 8 Academic Years	2.0 or Higher	240 ECTS

Note: Students shall be eligible to graduate and receive their diploma upon successful completion of all program requirements, including the attainment of 240 ECTS credits. The maximum period for completing the program is eight (8) years, as established by the State Regulations. During their studies, students may add, drop, or withdraw from courses within the deadlines specified in the University's Academic Calendar and Academic Regulations.

Entry and Graduation Requirements for Graduate Programs

AUT Application

Fill out and submit the online application. You can apply up to one year prior to the term for which you plan to enroll.

Academic Records & Transcripts

Scanned copies of qualifications and transcripts in the original language, as well as certified English translations for any other language than Uzbek, Russian or English. If admitted to AUT, all documents must be presented to the Admissions Office in order to be permitted to officially enroll.

All applicants to any graduate program of study (MQF 7) at the American University of Technology must satisfy the following entry requirements:

- A bachelor's degree (comparable to EQF level 6) with a minimum of 240 ECTS or equivalent.
- An average CGPA of 2.6

Any other qualifications that in your home country would be equivalent to a full degree program will be assessed independently by AUT for comparability. Conditional admission is offered to all applicants who are still waiting for their degree results. These results must be submitted by the student to the Recruitment Office within 1 week of receipt.

English Language Proficiency

The English language proficiency requirement may be waived if you are a native speaker of English and you have completed your secondary education in a country where English is the official language and English was the language of instruction where you graduated.

AUT reserves the right to request English test results from any applicant.

Please note: All score reports will only be valid if issued within 2 years from the date of matriculation at AUT.

Please note: For students who do not meet the English proficiency requirement, conditional acceptance can be offered to our English for Academic Purposes program designed to improve students' English academic proficiency before entering their degree.

Passport Copy

You must submit a photocopy of your passport along with your application and supporting materials.

Please note: If you are a Republic of Uzbekistan citizen, you are able to submit a copy of your National ID.

Graduation requirements Graduate Programs

Graduation Requirements Graduate			
MQF Level	**Program Length**	**Successful Progress Requirement**	**Credits Needed to Earn the Degree**
7	Full Time up to 4 Academic Year	3.0 or Higher	90 ECTS

Note: Students shall be eligible to graduate and receive their diploma upon successful completion of all program requirements, including the attainment of 90 ECTS credits. The maximum period for completing the program is four (4) years, as established by the State Resolution. During their studies, students may add, drop, or withdraw from courses within the deadlines specified in the University's Academic Calendar and Academic Regulations.

Registration

Registering for Courses

Students must obtain their advisor's approval to register for courses. While advisors assist in the process, students bear the ultimate responsibility for planning and selecting courses that fulfill their degree requirements and ensuring they meet course prerequisites. It is strongly advised that students register during early registration week to secure the desired courses and sections, allowing advisors ample time to review and approve schedules.

Registering for courses signifies the student’s intent to participate in those courses for the current term and academic year. By registering, the student acknowledges and agrees to abide by the policies and procedures of AUT. Students must be registered before the first day of classes but may adjust their schedules during the Drop/Add period.

The listing of a course in the Course Schedule does not guarantee its availability. Registration for any course is subject to availability, and if a course is canceled, all registered students will be dropped from the class and notified by email.

Students must register for all components of a course to be considered fully enrolled. Approval for all changes to their registration (add and drop) must be obtained from their assigned Academic Advisor. Students are permitted to register for courses until the Add/Drop deadline as specified in the Academic Calendar. They are responsible for the fees associated with their official registration status at the end of the Add/Drop period.

The Registrar’s Office reserves the right to register newly admitted students, readmitted students, and first-year undergraduate students as required. The office also reserves the right to adjust or rescind registration privileges in accordance with institutional policies and to prohibit students from accessing campus.

For additional information and advice regarding their program and/or course registration, students should consult their respective Academic Advisors. All students are assigned an Academic Advisor to assist in planning and monitoring progress toward program completion. However, students are ultimately responsible for the accuracy and completeness of their own registration.

Registration Cancellation and Withdrawal

A student who does not drop a course before the Add/Drop deadline will be considered registered for the course, regardless of attendance. Students on academic probation may have restrictions on the number of credits they are permitted to take.

Regular attendance is mandatory for all classes. Attendance requirements are established by the institution and outlined in the Attendance Policy and course syllabus.

A student is allowed to attend a course only if they have registered for that course or are on the waitlist. Students not officially registered for a class are not permitted to attend and will not receive a final grade.

Students must remain actively enrolled through continuous registration, except during periods of an approved leave of absence. Failure to register for two consecutive semesters will result in withdrawal from the institution.

Students who decide not to attend the University must cancel their registration before the Add/Drop deadline. Those who wish to adjust their registration after the Add/Drop deadline should initiate a semester Withdrawal.

For information regarding deadlines and procedures, students should consult the Registrar's Office and the Registration Policy.

Student Record Retention Policy

The University Registrar maintains the official student record.

Terms Used During Registration

Student Information System (SIS)

The Student Information System (SIS) is AUT's official online academic management platform available to all undergraduate and graduate students. Through SIS, students can:

- Register for courses during the designated registration period;
- View class schedules and examination timetables;
- Access grades, academic standing, and unofficial transcripts;
- Monitor degree progress and graduation requirements;
- Review financial information related to tuition and fees;
- Submit selected academic requests and access academic records.

Students are responsible for regularly reviewing their SIS account to ensure the accuracy of their academic records and to remain informed of important academic deadlines and announcements.

Class Level

For undergraduate students, class standing is determined by the total number of successfully completed ECTS credits and does not include credits for courses in which the student is currently enrolled.

Completed ECTS Credits	Class Level
0—60ECTS	First-Year Student
61—120 ECTS	Sophomore
121—180 ECTS	Junior
181—240 ECTS	Senior

Class standing is used for academic advising, degree planning, and determining eligibility for certain academic opportunities. It does not, by itself, determine a student's expected graduation date, which depends on the successful completion of all degree requirements.

Academic Load

Full-time undergraduate students, on academic probation (i.e. with a GPA of below 2.0 or a failing grade in a developmental or first-year course) can register for a maximum of 24 credit hours in the Spring and Fall semesters.

First-year students may take no more than 30 credits during their first semester.

Students with a GPA of at least 2.0 are allowed to register for up to thirty (30) credit hours. For a course load of more than 30 credit hours, approval from the student’s academic advisor is required, as well as a cumulative GPA of no less than 3.6. Thirty-six (36) credits is the maximum for any student. Students in their last spring or fall semester may request an exception to the 36-credit limit, subject to review from their Program Coordinator. The maximum load in any five-week summer session is six credit hours.

Students may not enroll in less than 12 ECTS credits per semester for part-time status and 24 ECTS credits for full-time status.

Visiting and Exchange Students

University students wanting to study elsewhere who are in good academic standing may be authorized to visit or exchange status at another institution provided they are within the residence requirement.

Students must apply using the Application for Visiting Student Status or Application for Exchange to the Office of Global Engagement. First approved by the student’s respective academic department/division and Registrar’s office, the student will be registered in a placeholder course during the terms of approved absence to retain continued student status. If the student wishes to extend the approved absence, prior approval must be obtained; otherwise, the student will be required to apply for readmission. It is the responsibility of the student to ensure that an official transcript of grades earned as a visiting or exchange student at another institution is sent to the AUT Registrar’s Office. For more information regarding readmission, see Admission, Readmission Route.

Students from other institutions in the exchange programs register for courses at AUT as Open Studies students.

Before a student is approved for Semester Exchange/Study Abroad, the study plan and Credit Matching with the courses to be studied at the partner/host institution, will need approval from the school and academic committee. Registrar's office will issue a letter to the student in this regard as to which course at the institution (students going to) will match AUT requirements for the missing credits. For any deficit of missed courses, the student will be responsible for completing them at AUT and will be guiding the Academic team.

Audit a Course

A Request to Audit form must be completed upon approval from the supervisor and the Vice Rector for Academic Affairs. The audit form must be signed by the instructor of the audit course, the Chair of the college offering the course and submitted to the Registrar's Office before the Add/Drop deadline. Approval is subject to seat availability and the discretion of the instructor. Faculty and Staff may not audit MBA courses.

Registration in courses will be completed by the Registrar's Office for pending space availability after waitlist of students have been cleared.

Although audit students are not required to meet the course's prerequisites, nor complete graded work, they are expected to attend class regularly. The student may participate in class discussions at the discretion of the instructor but will not be required to submit assignments or sit examinations.

Audit courses are not awarded degree credit and are assigned a grade other than 'AU' and is not calculated on the grade point average.

Open Studies Students

Open Studies allows students to register for university credit courses without gaining admission to a specific university program. Open Studies students must meet the general admission requirements, English language proficiency, and any course prerequisites.

Open Studies students who apply for admission to a university program will have courses taken considered in the admission decision process.

Adjusting Course Schedule

Students may change their academic course schedule with prior approval from their assigned academic advisor or Vice Rector for Academic Affairs. To do so, students must drop and or add courses during the Drop/Add period. It is the student's responsibility to make sure all adjustments to their schedule are made during the Drop/Add period. Students may not add a course after the Drop/Add period.

Dropping Courses

Students are not permitted to drop a course after Late Registration week. If a student attempts to drop a course without applying for a semester leave, they will receive an "F" grade on their transcript for not completing the course requirements. Students who cease attending classes without officially dropping or withdrawing from the course will also receive a failing grade of "F." A student may withdraw from the entire semester, but not from an individual course, by submitting the appropriate paperwork to the Registrar's Office.

Out-of-Sequence Courses

Out-of-sequence courses are not permitted; all remedial coursework must be completed prior to enrolling and taking the next level course. Students may get permission from their academic advisor and the instructor of a course to take a prerequisite course simultaneously with a course as long as it is not a remedial course.

Registration Deadlines

Currently enrolled students will receive an email notification of registration dates. Newly admitted and first-year undergraduate students will be automatically registered for their courses. Readmitted students will receive email notifications with registration instructions. It is the responsibility of each student to ensure the completeness and accuracy of their registration by the Add/Drop deadline. Students on the stop list will not be able to register until they are removed from the list.

Order of Priority Registration

Priority of registration occurs in the following order:

- Graduate students
- Continuing students based on their academic standing:
- Fourth year students
- Third year students
- Second year students
- Full-time students have priority for registration over part-time students
- Returning students
- Open Studies students

* First year students will automatically enroll into the classes by the office of Digital Learning.

* Students in the stop list will not be able to register for courses regardless of priority registration.

Registration Limitations

Students may not register for courses that overlap or create time conflicts. To avoid registration issues, students are advised to review the semester timetable and register for courses as early as possible.

The maximum credit course loads for undergraduate students are as follows:

- Fall and Spring semesters: 36 ECTS credits each
- Summer semester: 12 ECTS credits

No student may take more than 36 ECTS credits without approval from their Program Coordinator or the Dean. Maximum course loads include credits taken outside AUT.

For graduate students, the maximum credit course load is 30 ECTS per semester. Due to the shorter duration of the summer semester, the University reserves the right to further limit course hours and loads.

The credit load of an ‘Incomplete’ course with a completion deadline within the subsequent semester will be included in the calculated course load limit for that subsequent semester.

Students wishing to register for more than the allowable maximum credit hours must submit a Request for Credit Overload and obtain approval from their program coordinator or the Dean.

Students on academic probation may not enroll in a course overload and are limited to a maximum of 24 ECTS credits.

Enrollment Status

All students are expected to enroll on a full-time basis to make satisfactory progress toward graduation. Full-time enrollment refers to active registration in both the Spring and Fall terms within the academic year. Ideally, a student should complete 30 ECTS credits each in the Spring and Fall terms to graduate within four years. Registration for fewer than 24 ECTS credits indicates part-time status. Students should be aware of how their enrollment status may affect external scholarships, sponsorships, and institutional financial aid.

Students registered for courses are expected to attend all scheduled instructional sessions. Attendance is recorded in accordance with the Enrollment Policy.

Leave of Absence

A student who elects not to enroll in the Fall or Spring semester must request a leave of absence, which must be submitted to the Registrar's Office before the leave date. The Summer session is optional; therefore, students do not need formal approval for a leave of absence. A leave request may be considered under the following circumstances: serious health, personal, and family issues; issues related to childbirth or childcare; and military service. A student requesting a leave of absence will be required to withdraw from any courses they are currently registered for. If the withdrawal is processed after the Add/Drop Deadline, the student will receive a "W" on their transcript.

Students may take an approved and documented leave of absence for a maximum of one year over the course of their studies. They are expected to consult with their Academic Advisor to fully understand the impact a leave of absence may have on their academic progress.

Students who do not re-enroll or formally withdraw will be administratively withdrawn from the University after one term of inactivity. Students who did not have approval for a leave of absence or withdrawal and wish to return to complete their studies at AUT must reapply for admission and will be required to meet the admission requirements in place at that time.

Students are not eligible for a leave of absence within their first semester of the undergraduate program without submitting supporting documents mentioned in the “Leave of Absence” section.

Withdrawal

A student must submit a full semester withdrawal form to the Registrar's Office by the end of week six of the semester. If approved by the student's Academic Advisor , a ‘W’ designation will be assigned to each course. The student will be responsible for the remittance of tuition in accordance with Registration policies.

Medical Withdrawal

Students may withdraw from an entire academic semester if they suffer from a physical or psychological condition that prevents them from completing their coursework. Medical documentation must accompany the request form and receive approval from the Dean of Students.

Withdrawal from the University

Students who do not qualify for a leave of absence, transfer to another institution, or wish to end their studies at AUT are required to formally withdraw from the University.

A student who leaves the University without formally withdrawing or being approved for a leave of absence will receive an "F" for any coursework not completed. A student who has not formally withdrawn from or notified the University will be sent a warning by email (the University does not guarantee that the email will be opened) and will be dismissed by order of the Rector. The University bears no responsibility for students who leave without a valid reason and without notice.

A student must submit a Complete Withdrawal form to the Registrar's Office. The date the notice is received will mark the effective date of withdrawal. Once withdrawn, the student's access to SIS, university email, and the University campus will be terminated.

If there are tuition fees associated with the courses, the student will be responsible for these fees in accordance with the University's Tuition and Fees Policy.

Students wishing to return to AUT after withdrawing, either formally or without permission, are required to reapply for admission. If readmitted, they must follow the academic regulations, degree program, and curriculum requirements in effect at the time of readmission.

Returning from Suspension

Students who have been suspended from the University must apply to the Director of Student Affairs and the Rector for reinstatement. The request for reinstatement must be submitted formally via email to the Registrar and the Director of Student Affairs who will respond with determination. Upon reinstatement, the student's academic record remains unchanged, and the student is placed on probation for the term.

Tuition, Fees, And Financial Assistance

Disclaimer

The fees stated in this Catalog are correct at the time of publication. The University reserves the right to change fees without notice. For the most current information, please visit Bachelor's Degree Cost & Tuition — AUT Admissions

Self-service Resources and General Information

The Contract Manager manages all finance and accounting functions for students at AUT. This includes the collection, recording, and reporting of billing and payments. The office is responsible for applying financial aid, confirming fee payments, collecting fees, tuition, and issuing student statements in addition to those available in SIS. Tuition is charged to cover instructional costs, supplies, administrative expenses, and other necessary operational costs of the university.

Scholarships, need-based financial assistance, and work-study opportunities are available for select students who require financial support, depending on funding availability.

Payments

The Contract manager sends notices and invoices via the students' AUT email accounts in advance of important deadlines. Students can view their balance and details of charges and payments by accessing their account through SIS.

Financial holds are placed on a student account on SIS when there are outstanding fees after fee payment deadlines. Students with a financial hold on account are unable to apply for graduation and will not receive registration privileges, parchments, or official academic transcripts until all fees are paid in full.

Late Fees

Failure to make timely payments may result in disenrollment from the courses in which the student is registered. Late fees cannot be waived under any circumstances. Grades will not be posted, transcripts will not be issued, and enrollment in future classes will not be permitted until all accounts from previous terms have been paid in full. Payments are made using payment methods posted on the AUT website.

Students who have not paid their fees or arranged for fee payment with the Contract Manager before the first day of classes, as stated in the University Calendar, will have their registration canceled. Such students will then be required to re-register.

Outstanding Accounts

Outstanding accounts, including those pending the receipt of a scholarship, financial aid, sponsorship, or any other award, must be paid in full. Students with outstanding accounts will be ineligible to register for courses in the subsequent semester, receive an academic transcript, be awarded a degree, or participate in University events and activities.

Accounts outstanding by the fee payment deadline will incur a late fee, which will be applied to the balance.

Cancellations, Refunds, and Withdrawals

AUT tuition assessment is based on the semester in which classes occur. This policy applies to classes in any given semester, even if students intend to remain in their program and return for classes in a subsequent semester.

Scholarship students that withdraw or drop from classes are responsible for any associated payments.

Cancellations

The cancellation of course registration (dropping a course) must occur before the Add/Drop deadline as published in the University Calendar for the semester in which the course is taken. Courses canceled before the deadline will not incur tuition fees or be mentioned on the academic transcript.

Refunds

Any payment received that exceeds the fees incurred will be refunded to the student upon their written request to the contract manager. Refunds can be received by wire transfer to the account from which they were received or per written instruction by the student.

AUT will refund any tuition balance if the student drops the course before the start of the semester (minus any tuition deposit). The last date to withdraw from any course(s) and receive a tuition refund is the Add/Drop deadline.

A student who withdraws or is required to leave campus may or may not be eligible for a refund dependent on their individual funding situation. Contact the Dean of Students for a determination.

Withdrawals

If the student withdraws from all courses within a given semester prior to the Add/Drop deadline, no tuition will be refunded, no financial aid will be disbursed, and there will be no transcript record of the course(s). The tuition deposit is non-refundable no matter when the withdrawal occurs.

If the student withdraws from all courses within a given semester after the Add/Drop deadline of the semester, but prior to the first installment payment, the tuition will be prorated. Withdrawal after the ‘first tuition payment’ deadline, the full fee will be due. Any tuition refund is allocated pro-rata to its payment source (scholarship, sponsorship, student, etc). Courses withdrawn during this period will have a transcript record of a “W.”

If withdrawal from all courses within a given semester occurs after the second installment payment, then there will be no adjustment for either tuition or financial aid unless late withdrawal has been approved by the Dean of Students for medical reasons or death of an immediate family member. Courses withdrawn during this period will have a transcript record of a “W.”

To withdraw from courses within a given semester, a student must contact the Registrar’s Office to complete the Withdrawal process.

Withdrawing from courses will have a negative impact on future financial aid eligibility and percentages awarded. Furthermore, financial aid is not available for repeated courses and the student is responsible for all tuition costs associated with a course that is repeated.

Fee Deadlines and Automatic Cancellation

Failure to make a payment by published deadlines will result in the automatic cancellation of a student's registration in the following term and access to services. In order to be reinstated for the following academic term the balance owing must be paid in full.

Students will incur late fees if the balance owing is not paid by the fee deadlines. Any subsequent payments will be first applied to any late fees and thereafter to other outstanding tuition and fees.

The Student Finance Office will administer collection practices; contacting students regarding outstanding balances and placing a financial hold on their account.

For the up-to-date fee schedule, visit the University website.

Non-refundable Fees

The tuition prepayment (deposit payment) for admission to the undergraduate, and graduate programs is a non-refundable fee.

All newly admitted and continuing students are required to pay a non-refundable tuition deposit prior to term start to confirm their enrollment in the upcoming term.

Other non-refundable fees may include; English Placement Test Fees, Exchange Fees, Graduation Fees, Campus ID Card Fees, Late Fees, Library Fines, and Residence Fees.

Tuition and Fees

Tuition and fees are officially approved annually by the President of the university and the Members of the Leadership team of the university.

Tuition and fees are the individual responsibility of the student and are payable to the Student Finance Office. Except for expenses specifically covered by a designated scholarship, financial aid, or other awards, the student is also responsible for all other costs associated with attending AUT, including notebooks, textbooks, transportation, and living expenses.

Rates for tuition increases do not amount to more than 10% year on year. Once the fees are set for the academic year, all fees will be published by the Recruitment Office.

The university reserves the right to offer classes in varying modes of instruction and therefore no refund fee will be provided in the event that the modality of a course is changed.

Financial Assistance

Current undergraduate students as well as applicants who meet the requirements for undergraduate admission, and graduate students may be considered for financial assistance from the university, but subject to availability.

Definitions

Award: funding such as scholarships, bursaries, and/or financial aid that is provided to students based on specific criteria.

Bursary: financial award based on the need for financial assistance in paying for educational costs.

Financial Aid: money provided to assist in paying for educational costs.

Scholarship: non-repayable awards that recognize academic excellence.

Sponsorship: independent financial support for education costs provided by individuals, groups, corporations, or organizations.

Privately funded scholarships and financial assistance programs vary in criteria, eligibility, terms and conditions. Therefore, students must familiarize themselves with the requirements of their individual award program.

Scholarships

The University offers a limited number of merit-based scholarships, subject to funding availability and the published criteria for each admissions cycle. Undergraduate scholarships may be available across eligible programs. Graduate scholarships are available only when specifically announced for a program. Further information is available from the Scholarship Office.

Scholarship Renewal

Scholarships are awarded for one academic year and are not renewed automatically. Scholarship recipients must reapply annually by the published deadline and will be considered alongside the eligible applicant pool for the forthcoming academic year.

Scholarship standing will be reviewed at the end of every semester. To retain and renew a scholarship, students must maintain a cumulative GPA of at least 3.6 and continue to satisfy all other applicable eligibility requirements.

Financial Aid

AUT administers its own financial aid program, providing non-repayable funding to eligible students. Financial aid for newly admitted students is determined at the time of application and communicated in the admission offer letter.

Continuing students must reapply each term by the published deadlines communicated by the Student Finance Office. Financial aid is not renewed automatically, and funding amounts may vary according to availability and the student’s continued eligibility.

Terms and Conditions for Scholarships and Financial Aid:

Recipients of scholarships or financial aid must:

- submit a complete application by the published deadline;
- maintain a cumulative GPA of at least 3.6;
- maintain full-time student status, normally at least 24 ECTS credits per semester, unless the specific award expressly permits a reduced course load;
- have no active academic or non-academic misconduct cases;
- comply with the terms and conditions of their award;
- remain enrolled and in good standing with the University.

Scholarships and financial aid do not normally cover Summer or Winter terms, repeated courses, or courses from which the student previously withdrew. Students are responsible for the full tuition cost of repeated courses.

Students who withdraw from or drop courses may be responsible for the associated tuition costs. A leave of absence, change in enrollment status, academic performance or misconduct may affect a student's current or future eligibility.

AUT reserves the right to reassess a student's eligibility, request additional information, or adjust or discontinue funding based on academic performance, enrollment status, conduct, funding availability or compliance with the conditions of the award.

A scholarship recipient whose cumulative GPA falls below 3.6 will no longer meet the academic requirement for retaining or renewing the scholarship. A financial-aid recipient placed on academic probation may, at the University's discretion, receive funding for one grace period in which to regain the required academic standing. A student placed on probation for a second time will not be eligible for financial aid.

Academic Requirements, Regulations And Policies

Introduction

It is the responsibility of each student to familiarize themselves with the academic requirements, regulations and policies not only outlined in this University Calendar but those policies referenced within. All students are bound by the regulations contained in the most recent University Catalog despite the year of the degree program being followed. Students should consult with their academic advisors on issues, regulations and policies pertaining to this catalog or their degree programs.

Academic Regulations

Grading

The responsibility for evaluating the academic performance of students rests entirely with the instructor. Instructors may use a variety of evaluation methods. At the beginning of each course, the instructor must inform students in writing, and in detail, how their work will be evaluated; this information will be provided in the course syllabus. Upon request, instructors must communicate to students an estimation of their performance level by the end of the 8th week of the term.

Final grades must be submitted by the date set in the Academic Calendar, except when an Incomplete Grade Request has been approved by both the instructor and the department/division chair. There is no provision for the late submission, revision, or re-evaluation of students' work after the deadline. Grade changes can be submitted by the instructor up to two months after the grade submission deadline, but they will require approval from both the department/division chair and the Dean.

At the end of each term (including short sessions), students are required to complete course evaluations. Constructive feedback from students is critical to the University’s commitment to quality teaching and academic excellence.

Grading System

The University uses a letter grading scale that includes, as of the Fall 2026 semester, plus and minus letter grades. Letter grades for final grades are assigned to specific numerical quality points. Grade point averages (GPAs) are calculated based on a 4.0 grading scale.

Grades are assigned and counted only for courses taken for credit. Courses taken with an S/U (Satisfactory/Unsatisfactory) option are not calculated into the GPA. For courses graded on a P/F (Pass/Fail) basis, a grade of Pass (P) is excluded from the GPA, while a grade of Fail (F) carries 0.00 grade points and is included in the semester and cumulative GPA calculations.

Pass/Fail (P/F) and Satisfactory/Unsatisfactory (S/U) Grade Conversion for External Systems:

For reporting purposes in external systems, including HEMIS and other governmental or regulatory platforms, Pass (P) and Satisfactory (S) grades shall be recorded as the equivalent of an A grade, while Fail (F) and Unsatisfactory (U) grades shall be recorded as the equivalent of an F grade. This conversion is used solely for external reporting and technical compatibility purposes and does not alter the University's internal grading policies or academic records.

A grade of Pass (P) awards academic credit but carries no grade points and is excluded from GPA calculations.

A grade of Fail (F) awards no academic credit, carries 0.00 grade points, and is included in the semester and cumulative GPA calculations.

A course using the calculated letter of grade system may not also use the non-grade designations. Credit/Non-Credit/Audit is at the discretion of the student and is not considered a grading mode.

Undergraduate Grading Scale			
Score range	**Grade**	**Points**	**Description**
94—100	A	4.0	Excellent
90—93	A-	3.7	Good
87—89	B+	3.3	Good
84—86	B	3.0	Good
80—83	B-	2.7	Good
77—79	C+	2.3	Good
70—76	C	2.0	Satisfactory
60—69	D	1.0	Passing
Below 60	F	0.0	Failing
	XF	0.0	Failing Due to Academic Misconduct
	WF	0.0	Withdraw with a grade of "F"

Graduate Grading Scale			
Score range	**Grade**	**Points**	**Description**
94—100	A	4.0	Excellent
90—93	A-	3.7	Good
87—89	B+	3.3	Good
84—86	B	3.0	Good
80—83	B-	2.7	Good
77—79	C+	2.3	Good
70—76	C	2.0	Minimum passing grade
Below 70	F	0.0	Failing
—	XF	0.0	Failing due to academic misconduct
—	WF	0.0	Withdrawal with a failing grade

Grades That Are Not Calculated In The Gpa			
Grade	**Standard**	**Undergraduate**	**Graduate**
P	Pass	Pass	Pass
I	Incomplete	Passing but unable to complete the semester	Passing but unable to complete the semester
IP	In Progress	Currently enrolled	Currently enrolled
TR	Transfer	C or better	B or better
W	Withdrawal	Withdraw passing	Withdraw passing

Grade Point Average Calculations

GPAs are calculated on a semester and cumulative basis. The semester GPA indicates performance in a particular semester while the cumulative GPA indicates the overall academic performance since enrollment. Students must maintain a minimum of 2.0 cumulative GPA to remain in good standing. GPAs are truncated after two decimal places. GPAs will not be rounded (e.g., a cumulative or semester GPA of 1.999 is truncated at 1.99 and will not be rounded to 2.00).

Grade Point Average (GPA) Calculation: The Grade Point Average (GPA) is calculated by dividing the total quality points earned by the total GPA credit hours attempted.

Formula: GPA = Total Quality Points ÷ Total GPA Credit Hours Attempted

— Additional calculations may be used for the purposes of review in determining eligibility for admission, awards, and prerequisites.

— Once a student graduates, their GPA becomes static. No additional courses after graduating will count toward the GPA calculation.

Non-grade Designations

There are certain courses which are not included in the calculation of the term and cumulative GPA. These may include transfer of courses from another institution, the lowest grade of a repeated course, and courses with non-grade designations. Non-grade designations include:

- An Administrative Incomplete (AI) is used when an instructor has not submitted a final grade by the deadline. The 'AI' is temporary and must be replaced by a grade as soon as it is received and may not be used in lieu of an Incomplete designation.
- An Audit (AU) designation is awarded when a student has been granted approval to audit a course, and an 'AU' will appear on the academic transcript.
- The Incomplete designation of an 'I' grade is used only in the case of illness or other extenuating circumstances beyond the student's control which have made it impossible to complete the required coursework by the end of the term. Additional eligibility requires that a substantial amount of coursework (at least 60%) must have been completed.

It is up to the discretion of the instructor to assign an Incomplete grade. Requests for a grade of "Incomplete" must be made in writing and filed with the Registrar's Office.

The coursework must be completed by the deadline agreed to by the faculty member, and the date set must not be later than the start of the six weeks of the semester following the semester.

If the coursework is not completed within this timeframe, the Registrar's Office will replace the Incomplete or "I" grade with an "F", which will remain permanently on the student's record. It is the student's responsibility to make sure that the required work is completed and the instructor's responsibility to submit the final grade to the Registrar's Office.

Incomplete grades reduce the number of credits a student can take in the following semester. A student with Incomplete grade(s) is restricted to a maximum of 24 credit hours in the following Fall or Spring semester and 14 credits in the summer sessions. Students with incomplete grades from the fall semester are not eligible to take classes in the winter session.

Incomplete grades in graduate programs are only permitted in extreme cases and must be approved by the department chair and Vice Rector for Academic Affairs.

Undergraduate and graduate students with an incomplete grade cannot participate in the graduation ceremony.

- The In Progress (IP) designation is used specifically for the graduate thesis where approval for an extension of a subsequent semester is made towards successful completion. The thesis defense must be completed by the second attempt or earlier.
- The Withdrawal designation is used when a student withdraws from the entire semester, and the designation of a 'W' is awarded on the academic transcript. For more detail, visit the section on Withdrawals.
- Pass/Fail courses are awarded with the designation of 'P' or 'F'. A grade of Pass (P) earns academic credit but carries no grade points and is excluded from the GPA. A grade of Fail (F) earns no academic credit, carries 0.00 grade points, and is included in the semester and cumulative GPA calculations.

Student Appeal of a Grade

Students have the right to an objective, professional evaluation of their academic work, and to fair, equitable treatment in their academic relationships with members of the faculty. Appeals must be submitted within 3 working days after grades are published.

Academic Transcripts

An academic transcript is the official record of a student's enrolment at AUT, inclusive of terms with active registration, courses attempted, associated grades, program where applicable, credits earned, academic standing, term and cumulative GPA, and upon completion of program requirements and the conferral of the degree, the graduation date. Official transcripts bear the seal of the institution and the electronic signature of the Registrar, official transcript issued within 5-7 working days. An unofficial transcript does not bear the Registrar's seal and signature and is accessible to students online via SIS.

Transcript Request

Students may obtain official transcripts of their academic records through a document request form. This form is available at the office of the student affairs home page. The university issues only complete transcripts per policy. Students cannot request partial transcript records. Transcripts are confidential and thus only issued upon request by the student. A student may request official transcripts to be sent directly to another institution or to be provided to the student by themselves. Third-party requests must be authorized by the student. Students may download their unofficial transcript for free, through the online Student Information System (SIS). Students will be notified by email if the transcript cannot be issued because of academic holds, inability to authenticate the source of the request, or for any other reasons.

Official and unofficial transcripts are not issued if the student has any outstanding obligations to the University.

Repeating a Course

A student may repeat a previously taken course only once, provided the course is still offered. A course may be repeated to improve a grade of C or lower, improve the GPA, or meet graduation requirements. Normally, the student must repeat the same course and course number. An officially designated equivalent course may be used only with prior written approval from the relevant Dean and the Registrar.

All attempts and associated grades are recorded on the student's transcript, but only the grade of the repeated attempt is counted towards the GPA. Standard tuition and fees apply to repeated courses. A course with non-designated grades cannot be used to replace a previously earned grade.

A repeated class must therefore be the same course and course number, unless an officially designated equivalent course has been approved in writing before registration.

Students on scholarships or financial aid must pay for the full tuition when retaking a course. Scholarship funds do not cover repeating any coursework.

For more detailed information, please review the Registration Policy and Procedure.

Course Load

Full-time undergraduate students, students on academic probation (i.e. with a GPA of below 2.0) can register for a maximum of 24 credit hours in the Spring and Fall semesters. Students must carry a minimum of 24 credits per semester to withhold their student status.

Students with a GPA of at least 2.0 are allowed to register for up to 30 credit hours. For a course load of more than 30 credit hours, approval from the program coordinator and a cumulative GPA of 3.50 or higher. Under no circumstances may a student enroll in more than 36 credits in a semester, unless this is their last semester. The maximum load in any five-week summer session is 12 credit hours. A student on academic probation may not enroll in a course overloaded. All overload requests must be submitted using the Course Overload Request form and submitted to the Registrar's Office for processing. Registering courses on overload cannot be used to circumvent waitlists.

The maximum credit course load for graduate students is 24 credits per term. Overload requests for graduate students will not normally be approved.

Prerequisite/Corequisite Override

Students are required to meet the core and prerequisite for courses as stated in the University Catalog at the time of registration. Students who do not meet the required prerequisites/corequisites will be de-registered from the course and notified by email.

The Program Coordinator has the authority to override a prerequisite requirement before the Add/Drop deadline as published in the Academic Calendar.

A student who has received transfer credit for a course deemed as a prerequisite/corequisite will be considered to have satisfied with this requirement.

Students do not receive credit for the prerequisite or corequisite course waived.

Substitutions

All course substitutions are at the discretion of the department and are only granted in exceptional circumstances. Not all courses are eligible for course substitutions. Course substitutions must be approved by the department Chair with the submission of a Course Substitution Request form to the Registrar's Office.

The substitute course must be of equal level, value in course of credit, and workload as the course being substituted. Only degree-level courses may be substituted for degree-level courses.

If the course being substituted is a prerequisite for another, it will not be deemed to satisfy that prerequisite. As such, it will be recorded in the Student Information System (OIS) as a substitution course for continuity of effective systems of operation.

Course substitutions will be monitored by the Registrar's Office for reporting to Academic Leadership for future curriculum planning.

Academic Standing

Academic standing is calculated at the end of each semester Fall and Spring.

Good Standing

In accordance with the University Academic Standing Policy, a student is in good academic standing when:

- their most recent term GPA meets the applicable minimum (2.00 for undergraduate students and 2.70 for graduate students),
- their cumulative GPA meets the applicable minimum (2.00 for undergraduate students and 2.70 for graduate students),
- they are not currently subject to academic suspension or dismissal,
- they comply with any active academic improvement plan or probation conditions,
- they continue to meet the progression requirements of their degree program, and
- they satisfy any additional academic standing requirements published for their program.

Academic Probation

Undergraduate students who have a cumulative or term GPA that falls below 2.00, will be placed on academic probation in the following semester. A notation is placed on the academic transcript. A full-time student on academic probation may register for no more than four courses or a maximum of 24 credit hours.

Graduate students with placed on probation if either of the following occurs:

- Cumulative GPA falls below 2.7
- Fail a course by receiving a grade of C- or lower.

To be removed from probation, the student must meet the requirements of 'good academic standing' with both a cumulative and term GPA of 2.7 or higher in the following semester.

Academic Suspension

Students who complete two consecutive terms with a cumulative or semester GPA below 2.0, and/or repeated failing grades in first-year will be suspended from the university for the following Fall or Spring semester. Suspended students lose access privileges to the physical and/or virtual campus and are not eligible to register for courses and/or participate in any AUT-led activities during the suspension period.

Students placed on suspension may appeal their suspension to the Vice Rector for Academic Affairs. If their appeal is approved, students may continue with their registration in the same term.

Academic Expulsion

A second academic suspension will automatically result in expulsion, for which there is no appeal process. Students who have failed core or prerequisite courses for a second attempt will be expelled from the University. Two attempts for each course are allowed. No further attempts will be accepted.

Academic Advising

Program coordinators, hereby referred to as advisors, assist students in developing their program of study, interpreting university policies and procedures, and counseling them in other ways. Students should meet with their academic advisor regarding academic problems before approaching other university officials. First-year students are assigned advisors by the Registrar's Office. Students should seek advisor approval prior to registering for a class and are required to receive approval for dropping or adding classes to their schedule. Students are encouraged to maintain close contact with their advisors throughout the semester and registration process.

Program Requirements

Catalog Year

Students are governed by the program requirements of the Catalog in effect at the time of their most recent admission. However, students are governed by the current University Catalog in all other respects regardless of the year of admission or readmission.

Academic programs may be updated annually based on a number of external and internal factors. An academic year starts in the Fall semester of one calendar year and ends after the summer session of the next calendar year. All students admitted in one academic year are governed by the same catalog. Therefore, a student entering the Fall semester of 2025 and another student beginning in the Spring session of 2026 are both governed by the same catalog. This means that they will be assigned an academic plan for their program under the provisions for that particular catalog year.

A continuing student may opt to be governed by program requirements by any Catalog year from the one in effect at the time of admission to the most current Catalog. Any student wanting to change the Catalog year of their program plan must apply to the Registrar's Office. Changing a catalog year may affect financial aid eligibility and delay the completion of studies, and therefore the decision should be made in consultation with an Academic Advisor. A catalog of change does not reset the period of study to complete a degree. Students are still required to complete their degree within five years of starting their undergraduate studies and three years from their MBA studies, as stipulated by the Ministry of Higher Education.

If a student's registration is interrupted for a year or more and the student is subsequently readmitted to the University program, the student shall be governed by the Catalog in effect at the time of readmission.

General Education Requirement

The General Education curriculum provides students with the foundational knowledge, skills, and competencies necessary for academic success, professional development, and lifelong learning. These requirements are designed to develop critical thinking, effective communication, quantitative reasoning, digital literacy, ethical decision-making, and an understanding of global and local perspectives.

At the American University of Technology (AUT), General Education courses complement students' major fields of study by fostering intellectual curiosity, interdisciplinary learning, and responsible citizenship. All undergraduate students are required to complete the prescribed General Education requirements as part of their degree program in accordance with university academic policies and applicable national higher education regulations.

Residence Requirements and Time Limits

Residence Requirement

Full-time students in bachelor's degree programs and master's degree specializations are generally expected to earn 30 (ECTS) credits per semester and 60 (ECTS) credits per academic year. Transfer students must complete at least 50 percent of the required credits for the degree in residence at AUT.

Only one major is permitted in undergraduate and graduate studies.

Time Limits

To be awarded a Bachelor's degree at AUT, students must complete 240 credit hours, depending on the major, earn a grade-point average of "C" or better, and pass all required courses. These requirements must be completed within four years of the date of first registration. The normal duration of a bachelor's program without interruptions is four years. All students are responsible for tracking their academic progress and completing their degree in a timely manner. Any breaks in the student's studies whether a leave of absence or dismissal is included within the four-year period.

All master’s degree programs at the American University of Technology comprise 90 ECTS credits. Upon the student’s request, an additional 30 ECTS credits may be undertaken. The normal duration of a master’s program, without interruptions, is one to two years. All students are responsible for monitoring their academic progress and completing their degree in a timely manner.

The maximum period of study is set at eight years from the date of first-year enrollment for bachelor's degree programs and four years from the date of first-year enrollment for master's degree programs.

Under the rating system for assessing and evaluating students' academic performance, the number of deficiencies (course differences) in general professional and specialization courses specified in the curriculum must not exceed four per semester.

Under the credit transfer and accumulation system, the student must have a Grade Point Average (GPA) of at least 2.0 in the courses included in the standard curriculum of the academic program (specialization) to which the student is seeking transfer. This requirement is calculated on the 4.0 grading scale and corresponds to 2.4 on the 5.0 scale used in the grading system of the Republic of Uzbekistan.

If these requirements are not met, the student may, upon their application, be permitted to continue their studies from a lower year (or semester), taking into account the curriculum deficiencies (or the GPA requirement) in accordance with the standard curriculum.

Student Policies

Students are responsible for making themselves familiar with the contents of this catalog and respective student handbooks published by the Student Affairs Office and Graduate Studies. Academic regulations are subject to change, and every effort is made to inform students of any changes through normal university communication channels. Students should consult with their academic advisors or the Registrar's Office on issues or questions pertaining to this catalog or

their degree programs. The University Catalog continues to serve as the source of information about AUT. As with the printed version, the online publications present a comprehensive snapshot in time of the university. The information here is updated only once per academic year (published in August of each year) with changes to the curriculum unless a review to match ministry requirements is required.

Assessment of Student Learning

Instructors must include specific components in their course syllabi, detailing the structure and expectations for the course. Instructors are responsible for scheduling and conducting formal learning assessments in accordance with university procedures. Instructors must follow university guidelines for reporting grades and managing student work.

Instructors are not obligated to provide make-up examinations or other make-up work if a student misses a test or fails to complete assigned work, regardless of whether the absence is excused.

Final examinations are held at the end of the semester at the time and place specified in the online examination schedule. Students may be excused from taking a final examination at the scheduled time only by providing valid medical or other documentation to the Registrar's Office and the faculty member.

Attendance

An important component of education at AUT is the development of professional attitudes and behaviors in our graduates. Students are expected to attend classes regularly. Instructors will take attendance, and late arrivals, or early departures may be counted as an absence:

- Students arriving more than 10 minutes after the scheduled start of class may be recorded as absent.
- Students leaving class before its scheduled conclusion without instructor approval will be recorded as absent.
- Students are responsible for monitoring their own attendance and ensuring they comply with attendance requirements.

Attendance limits are set by the University and apply uniformly to all sections of a course. Instructors record attendance but do not determine excused absences; absences are recognised as excused by the Dean of the Faculty or the Head of the Registrar's Office on the supporting documents listed in the Attendance Procedure. The only exception to this policy is official campus closures.

A student who is absent without valid reason from 15% or more of the classroom hours allocated to a course is removed from the course and is not admitted to the final assessment. Absences recognised as excused under Order No. 451 of the Ministry (Annex 2) are not counted toward this limit. This 85% attendance requirement is a minimum for the student to receive credit for the course. If a student anticipates their absence in a course to be significant, they are encouraged to withdraw from the course.

A student who performs an official duty as a representative of the University is still recorded as absent; however, such an absence is treated as excused, is taken into account by the instructor and does not affect the student's final grade. The student must complete all required coursework within the timeframe agreed between the student and the instructor.

For an absence to be excused for: illness (medical certificate), death of immediate family member, official university activities, government obligations with approval, a written letter from the attending physician is required.

A student who has not shown up to class within the first two weeks of the Fall or Spring term start will be withdrawn from the course by the Registrar’s Office receiving a ‘W’ grade. The student will be responsible for the remittance of tuition and fees.

Consequences of Poor Attendance:

- warning
- meeting with advisor
- academic risk
- financial aid review
- scholarship review
- inability to sit final examination (if AUT policy)
- dismissal under national legislation

If a student accumulates more than 74 hours of unexcused absences during a single semester, they shall be subject to dismissal from the University in accordance with the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 578, dated 13 September 2025. Chapter 6. Dismissal of Students from Higher Education Institutions.

Clause (g): A student may be dismissed for accumulating more than 74 hours of unexcused absences during one semester.

In accordance with Appendix 2 to Order No. 451 of the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan, dated 2 December 2024, which establishes the specific criteria for recognizing students' class absences as **excused** during attendance administration in higher education institutions, the following procedures shall apply:

No.	Specific Grounds for Considering Class Absence as Excused	Required Supporting Document	Maximum Period for Considering Absences as Excused
1	Temporary incapacity for study due to illness	Certificate of Temporary Incapacity for Work/Study (Form 095/y)	**Up to 30 days***
2	Seasonal medical examination for students with disabilities	Medical-Labor Expert Commission (MLEC) Certificate	For the duration of the medical examination
3	Student's marriage (wedding)	Student's application submitted prior to the wedding and a Marriage Certificate	**Up to 10 days**
4	Wedding or death of the student's close (first-degree) relative	Student's application and supporting documents	**Up to 5 days**
5	Complicated pregnancy, maternity leave before childbirth, and postnatal leave	Medical certificate issued by the healthcare institution where the student is permanently registered, and the child's Birth Certificate	**Up to 30 days***
6	Participation in competitions, conferences, Olympiads, or other official events	Official request from the relevant ministry, agency, or organization, or the Rector's (Director's) official order	**For the duration of the event, but not exceeding 30 days***
7	Natural disasters, emergencies, or accidents	Certificate issued by the relevant competent authority	**For the period specified in the certificate, but not exceeding 30 days***
8	Expiration of visa validity for international students	Copy of the student's passport and notification from the International Office	**For the visa renewal period, but not exceeding 30 days***

Notes

- If a student's excused absences exceed 30 days within a single semester, regardless of the reason, the student shall, in accordance with the established regulations, either be granted academic leave, or be dismissed from the list of students.
- Supporting documents confirming that absences are excused shall be accepted only if they are submitted within 10 days from either the date the document is issued, or the date the student resumes attending classes, whichever is applicable.

Confidentiality of Student Records Policy

As a student at AUT, students must be aware that the record of their academic performance will be viewed and evaluated by others. With that said, the right to privacy asserts that individuals must have a legitimate interest in controlling what information will be revealed. Student records may not be disseminated to any agency or individuals, including family members, without prior consent from the student.

Copyright

In addition to Uzbek Copyright Laws, AUT has further outlined guidelines on copyright and fair use policy that are included within the Learning Management System User Policy, which can be found on Canvas. Copying, downloading, storing, displaying, or distributing copyrighted material using University systems or networks without the express permission of the copyright owner, except as otherwise allowed under the copyright law, is prohibited.

It is the policy of AUT that any illegal peer-to-peer file sharing over the University's network is prohibited. All users who access the AUT network acknowledge that they are aware of and agree to this and all University policies.

Grade Appeal

Students have the right to an objective, professional evaluation of their academic work and to fair, equitable treatment in their academic relationships with members of the faculty.

Grounds for an appeal of an end-of-semester grade:

- The instructor did not grade according to class rubrics, learning outcomes or syllabus.
- The instructor did not grade a class assignment that affected the final grade.
- The instructor did not give continuous and rigorous feedback during the semester.
- Syllabus and Canvas rubric differ

- The final decision of an end-of-semester grade appeal will be one of the following:
- The final grade is reassessed and stands
- The final grade is reassessed and the grade is raised
- The final grade is reassessed and the grade is lowered

To initiate the process of appealing to a grade earned at the end of a given semester, students who believe they have a legitimate grievance must:

- Prior to the end of the first week of the semester following the semester in which the grade was issued the student should appeal the final grade directly with the professor of the course via a formal email. If the issue is not resolved at the instructor level, the student may appeal to the department/ division chair using an Grade Appeal form.
- In week two of the semester following, the student must submit a full, fair, written account of the incident or circumstances giving rise to the grievance of a grade appeal using the Grade Appeal form to the department/division chair overseeing the course offered. If the matter is still not resolved, the student may appeal to the Vice-Rector for Academic Affairs.
- Within the third week, a final grade appeal may be submitted to the Dean in the form of a full, fair, written account of the incident or circumstances giving rise to the grievance. The Vice Rector for Academic Affairs will have the final say on the appeal.

The entire process should not take longer than one month. After the grade appeal is concluded, the decision stands and is not open to further appeal. A copy of the grade appeal decision(s) will be submitted to the Registrar's Office for inclusion in the student's record.

Leave of Absence

Academic leave may be granted at any point in the academic year, including the first semester, for military service, recovery of the student's health, pregnancy and childbirth, childcare, or care of a sick parent, a person acting in place of a parent, spouse, or child.

Students must apply to the Rector and provide the supporting documents required by law. Applications will be reviewed within one week. Approved leave will be formalized by the Rector's order, specifying its start and end dates. The grounds, duration, documentation, and return-to-study process are governed by Cabinet of Ministers Resolution No. 344 of June 3, 2021.

Academic leave does not constitute dismissal. Students returning from leave retain credit for courses they have already completed. Students should consult Student Finance about any effect on scholarships or financial aid.

Recording Lectures

All lectures and performances by academic staff, visiting speakers and administrative staff may be recorded by video or audio if the individual has been granted approval by the academic staff, visiting speaker, or administrative staff member where permission is given, the recording is solely for personal study and does not authorize duplication of sharing.

Student Honor Code

Students must adhere to the honor code and the code of conduct as described above.

Time Limit

The maximum period for completing a higher education program is limited to eight (8) years from the date of initial enrollment for bachelor's degree students and four (4) years for master's degree students. While this provision does not expressly refer to academic deficiencies, it establishes the overall maximum duration within which a student must complete the respective academic program. Furthermore, Chapter 4, Clause 18 of the same Regulation specifically addresses academic deficiencies by providing that, at the initiative of students with outstanding academic deficiencies, higher education institutions may organize a fee-based summer semester, typically during the vacation period, to enable such students to complete the failed courses. Accordingly, students are afforded opportunities to eliminate academic deficiencies through the summer semester and other academic recovery mechanisms; however, any extension of studies resulting from these processes must remain within the overall maximum period of eight (8) years for bachelor's degree programs and four (4) years for master's degree programs as established by the Regulation

Other Policies

For more information regarding other academic University policies such as research, international student travel, etc. consult the relevant University policy or responsible administrative office. Conversely, for more information regarding other University policies, visit the respective departments/divisions' administrative staff for guidance.

GRADUATION

A degree is not conferred for a mere collection of credits. A well-balanced, unified, and complete program of study is required. The overall program of the student frequently will exceed the minimum requirements as specified for each degree.

Graduation Requirements

To graduate, students must successfully complete all academic requirements prescribed for their degree program within the maximum period of study. Students are therefore discouraged from enrolling in courses that do not contribute toward the completion of their degree requirements. Specific program requirements are set out under the relevant School in this Catalog.

All graduation requirements must be satisfied before a student is eligible to participate in the commencement ceremony and to have a degree conferred. In addition, all financial, administrative, and disciplinary obligations to the University must be resolved before a diploma and official transcript may be issued.

To be awarded an undergraduate degree, a student must:

- Successfully complete the minimum number of ECTS credits prescribed for the degree program (normally 240 ECTS for an AUT bachelor's degree). Students enrolled in an AUT—Arizona State University (ASU) dual-degree pathway must complete the credit requirements prescribed for that pathway.
- Complete the final 60 ECTS credits in residence at AUT.
- Complete at least 50% of the credits required for the major at AUT.
- Transfer no more than 120 ECTS credits from another recognized higher education institution. Individual programs may impose additional restrictions on the transfer of specific courses or major requirements in accordance with the University's Transfer Credit Policy.
- Earn a minimum cumulative Grade Point Average (GPA) of 2.00 on a 4.00 scale.
- Complete all upper-level coursework at AUT.
- Complete all degree requirements within eight (8) years of first enrollment in the undergraduate program.
- Earn a minimum grade of C in all required English Composition or Academic English courses.
- Successfully complete all General Education requirements prescribed for the degree program.

To be awarded a graduate degree, a student must:

- Successfully complete all curriculum requirements prescribed for the degree program.
- Earn the minimum number of 90 - 120 ECTS credits required for the degree.
- Attain a minimum cumulative Grade Point Average (GPA) of 2.70 on a 4.00 scale.
- Successfully complete all required courses, including any culminating experience, capstone project, thesis, practicum, or internship, as prescribed by the degree program.
- Complete all degree requirements within the normal period of two (2) or three (3) years specified for the program. Approved extensions may be granted, but the total period of study may not exceed four (4) years from first enrollment.
- Resolve all financial, administrative, and disciplinary obligations to the University prior to the conferral of the degree and issuance of the diploma and official transcript.

Responsibility for ensuring that all graduation requirements have been met rests with the student.

Dual Degree (AUT+ASU) Pathways and Provisions:

- Students who are transferred to ASU in the 3+1, 1+1, 2.5+1.5, 4+1 or any other articulation approved in future, will follow a specific process to be eligible for Dual Degrees.
- In the 3+1 Pathways, AUT can transfer Maximum 90 Credits (180 ECTS) to ASU, and students should have a certain grade (mentioned as C or higher) in each of the courses marked as AUT to ASU in the degree plans.
- ASU mandates certain ASU ULC courses to be taken by students before transferring to ASU, e.g. ENG 101, ENG 102, BIO 100 etc. AUT's academic units shall guide the self-enrolment processes one year prior to the ASU Transfer. Please note that these courses are a must for both Campus Transfer and Online Transfer.
- Once the Student is in the application process for Transfer — Cintana Education's Enrolment Team takes over the enrolment support and with successful application submission, ASU assigns a personal Admission advisor. Students will be in direct contact for necessary information and document work.
- When the Admission to ASU is successful, AUT shall do a special Contract to keep the enrolment active and define the process of Credit Transfer from ASU to AUT — to fulfil the AUT Diploma Requirements. If there is any deficit in the credits for AUT Diploma, as per the laid down policies, the students are obliged to comply with the process and earn those credits to have AUT Diploma.

Commencement

Students may participate in the commencement ceremony only if they have completed all academic requirements for their degree or are certified by the Registrar as eligible to graduate at the conclusion of the semester in which the commencement ceremony is held.

Students who are required to complete additional coursework in a subsequent semester are not eligible to participate in commencement and will be invited to participate in the next scheduled commencement ceremony following completion of all degree requirements.

Final Grade Point Average

A student's cumulative GPA becomes final upon the conferral of the degree. Coursework completed after graduation does not alter the GPA associated with the awarded degree.

Alumnus Status

Following graduation, students transition to AUT Alumni status. Graduates are encouraged to maintain current contact information with the University to ensure continued access to alumni services, communications, and lifelong engagement opportunities.

Application for Graduation

Each degree candidate must formally apply to graduate by completing the Application for Graduation form available on the Office of the Registrar's. Students who apply and are not eligible to graduate at the end of the applied term (Fall or Spring) must submit another application by the appropriate deadline for the future term.

Submission of an Application for Graduation does not guarantee the award of a degree. The Registrar's Office will verify that the student has satisfied all academic, financial, and administrative requirements before graduation is approved.

Application Deadlines

All dates and deadlines regarding graduation are posted in the University Academic Calendar. Applications submitted after the deadline may result in graduation being deferred to the following conferral period.

Outstanding Accounts

Students owing to the University fees, tuition, fines or any other charges will not be permitted to graduate and will have academic transcripts withheld. Outstanding fees can include tuition fees, library fines, housing fees, etc.

Administrative Holds:

Students with outstanding financial obligations may also be subject to an administrative hold, preventing registration, graduation, transcript requests, diploma issuance, and other academic services until the balance have been settled.

Third-Party Sponsorship: Students sponsored by a government agency, employer, or other third party remain responsible for any unpaid balance not covered by the sponsor.

Partial Payments: Partial payment of outstanding balances does not automatically remove administrative holds unless approved by the Finance Office.

Credential

A credential is the notation of program completion noted on the academic transcript. Whereas the parchment, also known as the certificate, is the document recognizing the credential awarded.

Degree Conferral: A credential is considered officially awarded only after approval by the University and the issuance of the official graduation order.

No Early Use: Students may not claim to hold a degree until the credential has been officially conferred.

Digital Records: The official academic transcript serves as the University's permanent record of the credential awarded.

Academic Transcripts

After official verification through a graduation audit confirming degree requirements have been met, the Registrar’s Office includes an official notation on the academic transcripts of graduated students that the degree has been awarded. This notation includes concentrations, special designations, and any academic distinction.

Date of Award: The transcript shall include the official date on which the degree was conferred.

Transcript Corrections: Students are responsible for reviewing their academic transcript and reporting any administrative errors to the Registrar's Office within the timeframe established by the University.

Fraud Prevention: The University reserves the right to refuse or revoke transcripts issued based on fraudulent documentation or administrative error.

Parchment

A student’s name on the parchment/certificate/diploma will appear in English exactly as it appears on the student’s passport or national identity card when admitted for the first time to an AUT degree program. Students can be asked to provide all forms of identification to check for authenticity. If a name on a passport or an identity card does not appear in English, then the English spelling of the name will be in accordance with the preference of the student as it appears on their program Admission application. Students who change their names or other information on their transcript after leaving the university will be issued transcripts in the name and/or information under which they were enrolled at the university.

Student Responsibility: Students are responsible for ensuring that their legal name and personal information are correct before the graduation application deadline.

Diploma Replacement: Replacement diplomas may be issued only upon written request, payment of the applicable fee, and verification of the student's identity.

* **Collection and Delivery:** Diplomas may be collected in person or released to an authorized representative upon presentation of appropriate identification and written authorization. Where available, diplomas may also be delivered by courier at the student's expense.

A student may request in writing a change of their name on their transcript along with the supporting government documentation supporting the need for the change to the Registrar's Office. Once a student graduates from AUT, no changes can be made to transcripts except to correct administrative errors for up to 2 years after degree completion.

Conferral

The conferral of degrees occurs during the graduation ceremony, which is held once annually, and in absentia once annually. Students who have completed degree requirements in the fall or winter term and had their credential conferred upon them in absentia in February are invited to attend the Graduation ceremony in May to celebrate and receive the parchment.

Parchments are available to pick up at the Registrar's Office upon email notification to the graduate's AUT email account. The Registrar's Office submits the required documentation to the Ministry of Higher Education for attestation, and once complete will notify individuals when they are ready. Parchments are prepared on the following schedule.

Term of Completion	Conferral	Convocation Ceremony
Fall	February / March	June
Spring	May	June
Summer	October	June of the following year

Order of Conferral

- Honorary Degree
- Graduate Studies
- Undergraduate Studies

Distinction

Undergraduate degrees with distinction are conferred upon students who have displayed outstanding academic performance during their program. Standards for distinction degree as follows:

- Summa cum laude: Cumulative GPA of 3.90 or above
- Magna cum laude: Cumulative GPA of 3.70-3.89
- Cum laude: Cumulative GPA of 3.50-3.69

Names on Parchments

The graduate's full legal name as it appears on their passport will appear on the parchment. Initials or nicknames cannot replace this legal name. Name changes must be supported by legal documentation such as a passport.

Issuance of a Parchment

The original parchment will be provided to the graduate at the earliest once the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan has attested it. In the event that the replacement of parchment is required, the graduate must submit a signed request and return the original parchment to the Registrar's Office.

The parchment may be collected by the graduate in person upon presentation of a valid government-issued identification document or by an authorized representative with a notarized authorization and valid identification.

If the original parchment has been lost, stolen, or destroyed, the graduate must submit a written request together with a signed declaration explaining the circumstances and pay the applicable replacement fee to the Ministry of Higher Education, Science and Innovation of Uzbekistan.

If the parchment contains an administrative or printing error attributable to the University, a corrected parchment shall be issued without charge.

Awarded Posthumously

With the approval of the Rector, a degree may be awarded posthumously to a deceased student who completed their program or was completing the last term of their program. The award of the degree posthumously will be noted on the credentials and parchment. The recommendation for a posthumous award shall be submitted by the Dean and approved by the Rector.

The University will retain uncollected parchments in the Archive. Graduates may collect their parchment at any time upon verification of identity and approval of the Registrars' Office.

Graduation Attendance

Graduates

Graduates include those who have been approved by their department and have no outstanding accounts with the University. The list of graduates is compiled and maintained by the Registrar's Office. Graduands sit in a reserved area and proceed to the platform as a discrete group to the platform to have their credential conferred.

Guests

The guest list will be compiled and maintained by the Registrar's Office and approved by Security. Guest seating at graduation is open and on a first-come first-serve basis within the reserved area for guests.

Academic Staff Party

The Academic Staff Party is restricted to current and retired faculty members, the Librarian, and the Registrar. This group sits on the platform.

Rector's Party

The Rector's Party includes members of the Board of Trustees, President, Vice-Presidents, Department Chairs, distinguished guests, and honor recipients. This group sits on the platform in a prescribed seating plan.

Academic Dress

At graduation, participants wear celebratory regalia associated with the credential being conferred.

Gown

Bachelor's degrees and master's degrees wear a black gown provided by AUT.

Cap

Bachelor's and master's degree graduates wear a black mortarboard with a black tassel. Graduands may opt to wear religious headwear under or in place of the academic cap provided.

Cords of Distinction

Bachelor's degree recipients who are awarded their degree with distinction will be gifted with, and recognized by gold Cords of Distinction and will lead their discrete academic group in procession.

Honorary Degree

Honorary degree recipients wear a dark blue robe and blue mortarboard with a gold tassel. Honorary degree hoods are light blue with a chevron of green, blue, and white with gold trim.

Academic Staff Party

Academic staff are robbed in the academic regalia to which they are entitled by virtue of their recognized academic degree. Failing that, they will be robbed in the approved University cap and gown.

General Education

Philosophy

General Education gives AUT students the tools to be adapted to the world, in terms of English communication, technical competencies as well as various forms of knowledge that bring a universal understanding of human conditions. Students will learn to write effectively, find and express their own voices, eloquently, and most importantly, think critically.

As partner of ASU, AUT aligns with the ASU General Education vision. At ASU, “the goal of the general studies curriculum is to empower students, regardless of their major, to step outside of their disciplines. By completing courses across diverse knowledge areas, students will develop the critical skills and knowledge required to explore current and future questions from multiple perspectives.” AUT is committed to providing strong and inclusive courses to students for a strong foundation.

Students are encouraged through a sequenced and rigorous set of prerequisites, in addition to thorough faculty advising, to complete the general education requirements as soon as possible in their academic programs. The courses marked as GenEd are preferably kept in year 1. This allows students to study the same courses and move to their chosen majors after that.

The General Education structure at AUT includes mandatory courses required by the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan. These courses ensure compliance with national higher education regulations while providing students with essential knowledge of the country's history, ethics, and civic values. In addition to fulfilling local academic requirements, they contribute to students' personal, social, and professional development by fostering critical thinking, ethical reasoning, and an understanding of national identity and societal responsibilities.

General Education List Requirement

There are guidelines on the list of courses that can be used for meeting the General Education Requirement. Focused on student benefit and to provide a strong American education, preparing for global careers, some courses are AUT Signature courses, and some are mapped with ASU for Credit Transfer. AUT Only GenEd Courses add to the AUT Diploma requirements.

- A List of courses with respective credits has been mentioned. There might be a difference in the number of GenEd courses according to the respective schools. In the individual degree plan for each program, the students can see the exact progression map of GenEd, AUT Signature Courses, Major courses (ASU Mapped and AUT exclusive).
- AUT also offers some GenEd courses as Early College offerings to high school students. The courses can be taken before they join the undergraduate program, and the earned credits will be counted for their exemption from those courses. With a validity of ------- from the date of award, the Early College GenEd Course Credits are taught by AUT Faculty with the standard requirements set for normal offering of these courses. More information on early College offerings is available in the dedicated segment on AUT Early College.

General Education Categories:

English and Communication (ENG and COM): Academic English and Communication domain related courses provide a strong academic foundation to the student in language and professional skills. Courses like AEC 101, ENG 302, and COM 225, COM 263, COM 259 offers a career-oriented learning with a vision to empower with American style course content and a global trend towards self-development.

Uzbek Studies:

AUT offers Modern History of Uzbekistan (UYT 1104), Philosophy (FA1104) and Religious Studies (DI 1404) and common courses marked for every program in the Undergraduate studies. Mandated by the Higher Education Ministry of the Republic of Uzbekistan, these courses introduce the students to the history, heritage and culture of Uzbekistan.

Mathematics:

AUT offers a number of Mathematics courses to all students joining the undergraduate programs. Ranging from introductory courses like Introduction to Calculus and College Algebra, the Mathematics courses work as pre-requisites for ASU transfers as well. These courses include reasoning in abstract mathematical systems, formulating mathematical models and arguments, using mathematical models to solve problems, and applying mathematical concepts to real-world conditions.

Social Sciences:

Aligning with the Arizona State University's General Studies courses, Introduction to Ethics (PHI 105) gives AUT students a comprehensive understanding of ethics and the professional applicability in their careers.

Foundational Information Technology and AI:

General Education courses also include foundational IT courses CIS 105, AIL 101, CSE 110 and introduce AUT students to the skills related to IT and AI literacy domain.

ASU Requirements (to be enrolled 1 year prior to ASU Transfers)

- ENG 101 — Academic English Composition I
- ENG 102 — Academic English Composition II
- BIO 100 — Biology (for Selected programs only)

Program	Degree	Concentration
BS International Trade	Baccalaureate	International Trade
BS Business Administration	Baccalaureate	Business Administration
BS Business Administration	Baccalaureate	Logistics and Supply Chain Management
BS Data Science	Baccalaureate	Data Science
BS Tourism	Baccalaureate	Tourism
BS Business and Technology	Baccalaureate	Business and Technology
BS Marketing and Communication	Baccalaureate	Marketing and Communication
BS International Relations and Diplomacy	Baccalaureate	International Relations and Diplomacy
BS Finance and FinTech	Baccalaureate	Finance and FinTech
BS AI in Business	Baccalaureate	AI in Business
BS Software Engineering	Baccalaureate	Software Engineering
BS Computer Science	Baccalaureate	Computer Science
BS Industrial Engineering	Baccalaureate	Industrial Engineering
BS Cyber Security	Baccalaureate	Cyber Security

Masters/Graduate Programs

Program	Degree	Concentration
Master of Global Management	Graduate	Global Management
Master of Business Administration	Graduate	Business Administration
Master of Science in AI and Business Transformation	Graduate	AI and Business Transformation
MA TESOL	Graduate	Teaching English to Speakers of Other Languages

COURSE CATALOG

Course Elements

Course Subject Abbreviations

The University assigns an abbreviated designation to each course subject using three letters for the subject discipline, a 3-digit number that indicates the course level. These abbreviations are listed in parenthesis for subjects included in this Catalog's course listings. For example, MAT for Mathematics or MGT for Management domain courses.

Course Numbering System

Each course offered by the university has a designated course prefix (or code) and number. The course prefix represents the discipline or field of study, and the number indicates the level of the course content. MAT 101 thus indicates that the course is Mathematics and is appropriate for students in or beyond their first year of study. FIN 450 indicates that the course is in Finance and is generally intended for fourth year students, although the course may be taken by juniors if there are no unmet pre-requisites, or it is only offered in alternate years.

The following course levels and uniform course numbers are defined at AUT to ensure consistency throughout the university curriculum.

- 000-099 Preparatory Courses that do not carry credit.
- 100-299 Lower-level undergraduate courses.
- 300-499 Upper-level undergraduate courses.
- 500-699 Graduate-level courses.
- 100 - Introduction to subject or survey of a discipline
- 200 - Increased depth of study combined with application of theory 300 - Analysis, synthesis,
- evaluation of theory or data
- 400 - Creation of new ideas, behaviors, objects of art 500 - 600 graduate level work

Concentration

A concentration is defined as a set of courses related to a major and may be required or optional.

Contact Hours

There are two types of contact hours, hours per week and hours per term. Regularly scheduled weekly meetings times are 'contact hours' whereas 'other hours per term' are meeting times that are scheduled at irregular times over the term. All contact hours may be delivered by a number of means, including, but not limited to, the classroom, computer lab, online, or off-campus.

- Students are expected to attend all scheduled contact hours. Attendance requirements and the consequences of absences are governed by the University's Attendance Policy.
- In addition to scheduled contact hours, students are expected to complete independent learning activities, including reading, assignments, projects, and examination preparation, as specified in the course syllabus.
- The University reserves the right to adjust the delivery method, meeting schedule, or location of contact hours where necessary, provided that the learning outcomes of the course are maintained.

Contact hours per week are listed as a-b-c with ‘a’ referring to the number of required lecture hours, b’ referring to the number of laboratory hours per week, and ‘c’ the number of required hours in different settings such as tutorials or seminars.

Other hours per term are listed as d-e-f, with ‘d’ referring to the number of studio hours, ‘e’ referring to the number of laboratory hours per term, and ‘f’ the number of required hours per term in another different setting such as field trip or rehearsal.

Corequisite

Corequisite courses are those that must be taken prior to or in conjunction with another course.

If a student withdraws from or fails to register in a required corequisite course, the University may administratively withdraw the student from the associated course.

Exceptions to corequisite requirements may be approved only by the relevant academic department in accordance with university policies.

Unless otherwise specified, corequisite courses may be completed either in a previous academic term or during the same academic term.

Cross-listed

Refers to a single course originating from two different departments/divisions that will be listed in dual form within the Catalog.

Students may receive academic credit only once for a cross-listed course, regardless of the course prefix under which they register.

The course will appear on the student's academic transcript under the course code in which the student was officially registered.

Cross-listed courses share substantially the same learning outcomes, course content, assessments, and academic requirements.

Course Title

A descriptive title is given for each course and may occasionally change. A change in course title does not constitute a new course. Therefore, students will repeat a course if it has the same course number, regardless of the course title.

A change in the course title does not affect the course number, credit hours, learning outcomes, or academic credit unless otherwise approved by the University.

Students who previously completed the course will retain the course title that appeared in the University Catalog at the time of enrollment.

Courses with the same course number are considered the same course regardless of changes to the course title.

Credit Hours

Credit hours are used as a weighting factor of a course when calculating GPA. Regular full-time credit courses often carry a weighting of 6.0 (ECTS) credit hours. Some courses may carry additional credit hours. Students must complete a minimum of 240 credit hours to complete an undergraduate four-year degree at the American University of Technology.

A credit hour represents the academic workload assigned to a course and includes scheduled instruction as well as independent learning activities. Students must complete the minimum number of credit hours specified in the approved curriculum of their academic program to be eligible for graduation. Only courses assigned letter grades are included in GPA calculations unless otherwise specified by university policy.

Equivalent

Equivalent courses are courses that can be substituted for one for the other to meet specified course requirements. If two equivalent courses are taken, this will be considered a repeat of the other, and GPA calculated accordingly.

General Education Requirement

The General Education courses are noted along with their designation within the General Education list. Completion of all required General Education courses is a graduation requirement for undergraduate degree programs. Approved transfer of credits may be used to satisfy General Education requirements in accordance with the University's Transfer Credit Policy.

Independent study

A course in which credit is earned through individual study under the supervision of an instructor. The prerequisite(s) for an Independent Study requires third year standing. An Independent Study may not be used to duplicate course offerings. The standard grade scale is used. A proposal for study must be submitted to an instructor of the educational Department who has agreed to supervise the proposed study. Once approved by the instructor and Chair of the Department/Division, the student may proceed with formal registration of the course by submitting the approved documents to the Registrar’s Office. Students must register for the term in which the work will be done. No more than three Independent Studies may be credited toward degree completion.

Mutually Exclusive

A course which a student is currently registered in or has already earned credit for (or the minimum passing grade) and may not subsequently register in the section of another course that has been deemed mutually exclusive. A student may register in a mutually exclusive course only with the approval of the Deans' Office, Registrar's and the relevant Department when required for program changes, curriculum revisions, or transfer credit evaluation.

Placeholder

A course that enables students not registered in credit courses to maintain active student status in their program. No credit is attached to this course. This allows students who are registered elsewhere to maintain their status at AUT. Students enrolled in a Placeholder course remain subject to university policies, deadlines, and academic regulations.

Prerequisites

Some courses require the appropriate background knowledge as indicated by the prerequisite, corequisite, and recommended background and must be completed successfully before the student is eligible to register for a given course.

Students are responsible for ensuring that all prerequisite requirements are met before registration. Registration in a course without the required prerequisites may be cancelled by the University.

The Deans and Registrars' Offices may approve a prerequisite waiver in exceptional academic circumstances. All waivers must be documented and approved before the student is registered.

A student lacking the prerequisite or corequisite for a course may apply for a waiver of the prerequisite/corequisite from the department offering the course. Prerequisite and corequisite waivers must be approved by the relevant Department Chair or Dean before registration can be finalized.

A prerequisite that specifies a year of standing indicates that students are expected to have attained a certain level of academic knowledge prior to registering in that particular course. Students are responsible for ensuring that they meet all prerequisite and corequisite requirements before registering for a course.

Despite the student's choice of governing program requirements (degree plan), all students are bound by the current Catalog with regard to prerequisites/corequisites for individual courses. Approved equivalent or transfer of courses may satisfy prerequisite requirements recognized by the University. Students who fail a prerequisite course must successfully complete that course before registering for subsequent courses requiring it.

Special topics

A course that is not regularly offered, and whose content varies with different offerings within a particular field of study. Special topics are courses denoted by ending in '99' (ex. MGT 299). Students may complete a maximum of two special topics of courses toward their degree.

Substantially Similar

These courses are considered to contain a high percentage of similar course content but are not deemed equivalent. Students cannot use substantially similar courses to replace another course specified as a prerequisite. Students who complete substantially similar courses will be required to complete more than the minimum number of courses required to graduate within their program. The determination of whether courses are substantially similar shall be made by the relevant academic department and approved by the Rector and Registrar's Office. (Where applicable.) Academic credit earned for substantially similar courses may count toward the total credits earned; however, such courses may not be used to satisfy the same degree requirement unless specifically approved by the Deans and Registrars Offices.

Term

Refers to a period of study and is often used interchangeably with ‘semester’ and ‘session’. At AUT, an academic year normally consists of Fall and Spring semesters and may also include Summer and Winter sessions where applicable. The beginning and ending dates of each academic term are published in the University's Academic Calendar.

Timetable

The timetable is a list of courses scheduled in a particular academic term, including courses taught face-to-face and online. The timetable is published prior to registration opening so that students can learn more about courses being offered so that they can plan their registration. The timetable includes information about when and where a course takes place, who is teaching the course, special registration requirements, and any unique prerequisites.

Disclaimer

The appearance of a course in this Catalog does not guarantee that the course will be offered during the academic year for which this Catalog is published.

The University reserves the right to modify, suspend, or discontinue courses, curricula, prerequisites, delivery methods, instructors, schedules, or other academic requirements where necessary. The University also reserves the right to cancel a course due to insufficient enrollment, faculty availability, or other academic or administrative reasons. Every reasonable effort will be made to minimize disruption to students and to provide suitable alternative course options where practicable.

For More Information

Students may obtain additional information about the content of a particular course by inquiring with the academic unit offering the course. Information about which courses will be offered and when can be found in the term timetable online.

Course Prefixes and Codes

Courses are listed alphabetically. The course prefix is indicated by a three-letter abbreviation of an academic discipline. For example, HIS refers to History, and MAT refers to Mathematics. The course number indicating the course level follows the three-letter prefix. Courses at the 100-level are usually introductory courses, while 200-level courses usually have a 100-level prerequisite. Both 100- and 200-level courses are included in the general education requirement and are generally taken by freshmen and sophomores. Courses at the 300- and 400-level are advanced courses that are part of the major and are typically taken by students with junior and senior standings.

Course numbers indicate the typical level of study and do not, by themselves, determine eligibility to enroll in a course. Courses numbered 500—699 are graduate-level courses intended for master's degree programs. The University may establish additional course prefixes and numbering conventions as new academic disciplines or programs are introduced.

Please refer to the prefixes listed below for a sample of AUT offerings:

School of Business:

Prefix	Discipline / Academic Area
ACC	Accounting
BUS	Business
BMT	Applied Linguistics and TESOL
CIS	Computer Information Systems
CRD	Community Resources & Development
DAT	Data Science
ECN	Economics
FIN	Finance
FMS	Film and Media Studies
LES	Legal Studies / Business Law
MGT	Management
MKT	Marketing
OGL	Organizational Leadership
POS	Political Science
PRM	Parks, Recreation & Tourism Management
SCM	Supply Chain Management
SGS	Global Studies
STP	Statistics
TAM	Technology and Management
TDM	Tourism Development & Management
TEM	Technological Entrepreneurship & Management
TGM	Technology & Global Management
TMC	Technology Management & Commercialization
WPC	Work, Professional & Career Development
AEC	Academic English and Composition
AIL	Artificial Intelligence Literacy
CHM	Chemistry
COM	Communication

Prefix	Discipline / Academic Area
DI	Religious Studies
FA	Philosophy (National Curriculum)
FIS	Future of Innovation in Society
MAT	Mathematics
PHI	Philosophy / Ethics
PHY	Physics
PSY	Psychology
SOC	Sociology
SOS	Sustainability
UYT	Uzbekistan Studies (Modern History of Uzbekistan)

School of Digital Technologies:

Prefix	Discipline / Academic Area
AEC	Academic English and Composition
AIL	Artificial Intelligence Literacy
BUS	Business
CEE	Civil & Environmental Engineering
CHM	Chemistry
COM	Communication
CSE	Computer Science
DI	Religious Studies
EEE	Electrical Engineering
EGR	Engineering
FA	Philosophy (National Curriculum)
FIS	Future of Innovation in Society
FSE	First-Year Engineering
HSE	Human Systems Engineering
HST	History
IEE	Industrial Engineering
MAT	Mathematics
PHI	Philosophy / Ethics
PHY	Physics
PSY	Psychology
SER	Software Engineering
SOC	Sociology
SOS	Sustainability
UYT	Uzbekistan Studies (Modern History of Uzbekistan)

Prefix	Course Codes
ACC	ACC 231, ACC 241, ACC 340, ACC 382
AEC	AEC 101
AIL	AIL 101
BUS	BUS 434, BUS 384
BMT	BMT 501, BMT 502, BMT 503
CEE	CEE 181, CEE 400
CHM	CHM 107, CHM 108, CHM 113, CHM 114
CIS	CIS 105, CIS 235, CIS 308, CIS 309, CIS 310, CIS 311, CIS 315, CIS 404, CIS 405, CIS 406, CIS 407, CIS 412, CIS 415, CIS 446, CIS 450, CIS 505, CIS 507, CIS 508, CIS 541
COM	COM 225, COM 259, COM 263, COM 308, COM 309, COM 312, COM 327, COM 414
CRD	CRD 401
CSE	CSE 110, CSE 205, CSE 230, CSE 240, CSE 301, CSE 310, CSE 330, CSE 340, CSE 355, CSE 360, CSE 365, CSE 420, CSE 434, CSE 445, CSE 463, CSE 466, CSE 468, CSE 469, CSE 471, CSE 476, CSE 478, CSE 485, CSE 486, CSE 494, CSE 543, CSE 565, CSE 566
DAT	DAT 250, DAT 300, DAT 301, DAT 401, DAT 402, DAT 484, DAT 490
DI	DI 1404
ECN	ECN 211, ECN 212, ECN 221, ECN 306, ECN 360
EEE	EEE 120
EGR	EGR 104
ENG	ENG 302
FA	FA 1104
FIN	FIN 300, FIN 302, FIN 331, FIN 361, FIN 380, FIN 421, FIN 432, FIN 461, FIN 462
FIS	FIS 201
FSE	FSE 100
HSE	HSE 101
HST	HST 318
IEE	IEE 210, IEE 300, IEE 305, IEE 321, IEE 369, IEE 376, IEE 380, IEE 381, IEE 385, IEE 437, IEE 454, IEE 458, IEE 461, IEE 470, IEE 474, IEE 475, IEE 485, IEE 486
LES	LES 305
MAT	MAT 114, MAT 117, MAT 119, MAT 210, MAT 211, MAT 243, MAT 265, MAT 266, MAT 267, MAT 275, MAT 343

Prefix	Course Codes
MGT	MGT 300, MGT 302, MGT 380, MGT 400, MGT 411, MGT 420, MGT 430
MKT	MKT 300, MKT 302, MKT 352, MKT 355, MKT 365, MKT 370, MKT 375, MKT 390, MKT 402, MKT 435, MKT 484
OGL	OGL 200, OGL 220, OGL 260
PHI	PHI 105, PHI 360
PHY	PHY 121, PHY 122, PHY 131, PHY 132
POS	POS 160, POS 300, POS 301, POS 325, POS 350, POS 368, POS 370, POS 401, POS 465, POS 466, POS 467, POS 480, POS 486
PRM	PRM 120, PRM 145, PRM 203
PSY	PSY 101
SCM	SCM 200, SCM 245, SCM 300, SCM 315, SCM 345, SCM 354, SCM 355, SCM 380, SCM 432, SCM 455, SCM 463, SCM 479, SCM 502, SCM 520, SCM 541, SCM 587
SER	SER 216, SER 222, SER 232, SER 315, SER 316, SER 321, SER 322, SER 334, SER 335, SER 401, SER 402, SER 415, SER 416, SER 421, SER 463, SER 464
SGS	SGS 101, SGS 204, SGS 303, SGS 321, SGS 350, SGS 370, SGS 379, SGS 494
SOC	SOC 101, SOC 334
SOS	SOS 100, SOS 110
STP	STP 226
TAM	TAM 511, TAM 530, TAM 542, TAM 557
TDM	TDM 205, TDM 225, TDM 345, TDM 350, TDM 386, TDM 448, TDM 458, TDM 475, TDM 480, TDM 483
TEM	TEM 200, TEM 230, TEM 400, TEM 431, TEM 455
TGM	TGM 101, TGM 200, TGM 204, TGM 300, TGM 310, TGM 312, TGM 353, TGM 391, TGM 430, TGM 460, TGM 468, TGM 478, TGM 484, TGM 487, TGM 489, TGM 490, TGM 498
TMC	TMC 110, TMC 310
UYT	UYT 1104
WPC	WPC 150, WPC 300, WPC 347, WPC 460, WPC 470, WPC 480, WPC 484

Other abbreviations are added upon approval of Faculty Senate and Registrar’s Office

Course Descriptions

- BIO 101 — Biology: Unity of Life and Lab
- Credit hours: 8 ECTS
- Contact hours per week: 3-1-0

School of Business

The School of Business prepares students to lead, innovate, and contribute responsibly in a rapidly changing global economy. Its undergraduate and graduate programs integrate contemporary disciplinary knowledge with technology, data analytics, artificial intelligence, communication, and practical problem-solving.

Programs are internationally benchmarked and informed by relevant curricula and academic expertise from Arizona State University, including the W. P. Carey School of Business and Thunderbird School of Global Management. At the same time, teaching and applied learning are contextualized for Uzbekistan and the wider Central Asian region.

Through case studies, projects, simulations, research, internships, and engagement with industry and the community, students develop the knowledge, professional capabilities, and intercultural awareness required to succeed in local and international environments.

Philosophy

The School of Business is guided by the principle that education should connect knowledge with responsible action. Students learn not only to understand organizations, markets, technologies, and societies, but also to apply that understanding to complex and changing professional contexts.

The School promotes:

- academically rigorous and professionally relevant education;
- experiential and problem-based learning;
- ethical, inclusive, and sustainable leadership;
- evidence-based and data-informed decision-making;
- responsible and innovative uses of technology and artificial intelligence;
- entrepreneurship, creativity, and adaptability;
- intercultural competence and global engagement; and
- lifelong learning and continuous professional development.

Teaching is student-centered and intellectually demanding. It encourages critical inquiry, collaboration, reflection, and the practical application of knowledge to challenges affecting businesses, institutions, communities, and society.

Academic Programs

Bachelor of Science in International Trade
Bachelor of Science in Business Administration
Bachelor of Science in Business Administration — Logistics and Supply Chain Management
Bachelor of Science in Data Science
Bachelor of Science in Tourism
Bachelor of Science in Business and Technology
Bachelor of Science in Marketing & Communication
Bachelor of Science in International Relations and Diplomacy
Bachelor of Science in Finance and FinTech
Bachelor of Science in AI in Business Transformation
Master of Business Administration (MBA)
Master of Science in Artificial Intelligence and Business Transformation (MS AIBT)
Master of Global Management (MGM)
Master of Arts in TESOL
Master of Science in Software Engineering

Advising and Information

In order to meet degree requirements, career goals, and degree plan requirements, students should obtain advice and information from an academic advisor as early as possible. Advice may include information about program planning (course selection and sequencing, academic regulations, experiential learning opportunities, and program progression.

General Education

Foundational Information Technology and AI

- AIL 101: AI Literacy
- CIS 105: Computer Applications and Information Technology
- CSE 110: Principles of Programming

Uzbek Studies

- UYT 1104: Modern History of Uzbekistan
- FA 1104: Philosophy
- DI 1404: Religious Studies

English and Communication (ENG and COM):

- AEC 101: Academic English and Composition
- COM 225: Public Speaking and Presentations
- COM 263: Elements of Intercultural Communication
- COM 259: Communication in Business and Professions
- ENG 302: Business Writing

Mathematics

- MAT 114: College Mathematics
- MAT 117: College Algebra
- MAT 119: Finite Mathematics
- MAT 210: Brief Calculus
- MAT 211 Mathematics for Business Analysis

Social Sciences

- PHI 105: Intro to Ethics

Bachelor of Science in International Trade

Program Learning Outcomes

Upon successful completion of the BS in International Trade, graduates will be able to:

- Apply international trade and economic principles to explain how markets, government policies, institutions, and regional and global economic conditions influence cross-border trade and investment.
- Analyze international trade environments using economic, financial, statistical, and business data to identify market opportunities, constraints, and development implications.
- Evaluate trade policies and agreements, including regional economic agreements, and assess their effects on businesses, industries, states, and other stakeholders.
- Design international business and supply-chain strategies that address market entry, operations, finance, marketing, technology, sustainability, and global risk.
- Communicate and negotiate effectively across cultures, presenting evidence-based recommendations to diverse professional audiences and collaborating responsibly in international settings.
- Develop ethical, innovative, and sustainable responses to global business challenges, demonstrate professional judgment, leadership, and the practical integration of learning through applied projects, internship experience, and the capstone.

Major Courses:

- SOS 100: Introduction to Sustainability
- TGM 101: Principles of Global Management
- SOS 110: Sustainable World
- CEE 181: Tech, Social, & Sustainable Systems
- TGM 200: Principles of Accounting for Global Organizations
- FIS 201: Innovation in Society
- TGM 204: Principles of Marketing for Global Organizations
- ECN 211: Macroeconomic Principles
- ECN 212: Microeconomic Principles
- STP 226: Elements of Statistics
- TEM 230 Creativity and Business Innovation Offered to FALL 2024 AUT Elective
- TGM 300: Principles of Finance for Global Organizations
- MGT 302: Principles of International Business
- ECN 306: Survey of International Economics
- CIS 310: Business Data Visualizations
- TGM 310: Supply Chain Operations for Global Organizations
- TGM 312: Big Data in the Global Economy
- TGM 353 Regional Management Environment
- ECN 360: Economic Development
- PHI 360: Business and Professional Ethics
- MGT 380: Management and Strategy
- TGM 391 Global Business and Professional Development Skills
- TGM 430 International Trade and Regional Economic Agreements
- TGM 460 Global Risk Assessment and Management
- TGM 468 States and Markets in a Global Economy
- TGM 478 Cross-Cultural Communication and Negotiation
- TGM 484: Internship
- TGM 487 Global Entrepreneurship
- TGM 489 Multinational Organizational Leadership
- TGM 490 Elective
- TGM 498 Capstone

Bachelor of Science in Tourism

Program Learning Outcomes

Upon successful completion of the BS in Tourism, graduates will be able to:

- Analyze tourism and leisure systems by applying relevant economic, social, cultural, environmental, and business principles to local and international contexts.
- Plan and manage tourism, hospitality, recreation, sporting, event, and convention activities using appropriate operational, financial, marketing, and resource-management practices.
- Use data and digital business tools to evaluate tourism markets, organizational performance, visitor needs, and operational challenges and to support evidence-informed decisions.
- Develop responsible and sustainable tourism strategies that protect cultural and natural heritage, strengthen destinations, and balance the interests of visitors, businesses, communities, and other stakeholders.
- Communicate, collaborate, and lead effectively across cultures and professional settings while demonstrating ethical judgment and responsible management practices.
- Design innovative and entrepreneurial solutions to tourism challenges, integrating interdisciplinary knowledge and demonstrating professional readiness through applied projects, internship experience, and the capstone.

Major Courses:

- PRM 120: Leisure and Quality of Life
- PRM 145: Special Events Management
- PRM 203: Program Planning
- TDM 205 Introduction to Travel and Tourism
- ECN 211: Macroeconomic Principles
- ECN 212: Microeconomic Principles
- ECN 221: Business Statistics
- TDM 225: Introduction to Hotel, Resort and Lodging Management
- OGL 260: Resource Allocation in Organizations
- MGT 302: Principles of International Business
- CIS 308: Advanced Excel in Business
- CIS 309: Business Process Management
- CIS 310: Business Data Visualization
- TDM 345: Meeting and Convention Planning
- WPC 347: Intermediate Career Management
- TDM 350: Tourism, Recreation and Sports Marketing
- PHI 360: Business and Professional Ethics
- FIN 380: Personal Financial Management
- MGT 380: Management and Strategy
- ACC 382: Accounting and Financial Analysis
- TDM 386: Convention Sales & Management
- MKT 390: Essentials of Marketing
- CRD 401 Managing Leisure Enterprises
- CIS 405: Business Intelligence
- MGT 411: Leading Organizations
- TDM 448: Heritage and Cultural Tourism
- TDM 458: International Tourism
- WPC 460: Tourism Capstone
- TDM 475: Entrepreneurial Recreation and Tourism
- TDM 480: Sustainable Tourism
- TDM 530: Destination Planning
- TDM 483: Sports Tourism
- WPC 484: Internship

Bachelor of Science in Business and Technology

Program Learning Outcomes

Upon successful completion of the BS in Business and Technology, graduates will be able to:

- Integrate business and technology knowledge to analyze organizational needs and develop practical solutions that improve performance, competitiveness, and value creation.
- Use data analytics and digital tools to interpret business information, visualize findings, evaluate alternatives, and support evidence-informed strategic decisions.
- Analyze and improve organizational processes by applying principles of business-process management, information systems, enterprise analytics, resource allocation, and digital transformation.
- Develop and evaluate innovative technology ventures by integrating entrepreneurship, marketing, finance, accounting, operations, sustainability, and strategy.
- Lead and collaborate effectively in diverse organizational and international contexts, communicating business and technology recommendations clearly to specialist and non-specialist audiences.
- Apply ethical, professional, and sustainable judgment when evaluating technologies, managing innovation, and addressing the organizational and societal consequences of business decisions.

Major Courses:

- SOC 101: Introductory Sociology
- SOS 110: Building a Sustainable World
- TMC 110: Understanding the Enterprise
- OGL 200: Intro to Organizational Leadership
- TEM 200: My Technology Venture
- FIS 201: Innovation in Society
- ECN 211: Macroeconomic Principles
- ECN 212: Microeconomic Principle
- ECN 221: Business Statistics
- OGL 260: Resource Allocation in Organizations
- MGT 302: Principles of International Business
- CIS 308: Advanced Excel in Business
- CIS 309: Business Process Management
- CIS 310: Business Data Visualization
- TMC 310: Promotion of the Enterprise
- WPC 347: Intermediate Career Management
- PHI 360: Business and Professional Ethics
- FIN 380: Personal Financial Management
- MGT 380: Management and Strategy
- SCM 380: Supply Chain Management Foundations
- ACC 382: Accounting and Financial Analysis
- MKT 390: Essentials of Marketing
- TEM 400: Technology Entrepreneurship
- CIS 405: Business Intelligence
- MGT 411: Leading Organizations
- TEM 431: Innovation Management
- Elective at AUT: CIS 450: Enterprise Analytics
- TEM 455: Global Impact Entrepreneurship
- WPC 460: Business Capstone
- WPC 484: Internship
- TAM 530: Data Analytics and Digital Transformation in a Global World

Bachelor of Science in Data Science

Program Learning Outcomes

Upon successful completion of the BS in Data Science, graduates will be able to:

- Apply mathematical, statistical, and computational methods to formulate and investigate data-science problems in business and societal contexts.
- Acquire, prepare, manage, and analyze data using programming languages, database systems, data warehouses, and appropriate data-science tools and techniques.
- Develop and evaluate statistical and machine-learning models, interpreting their performance, limitations, and suitability for addressing defined problems.
- Translate data into actionable insights through exploratory analysis, visualization, and clear written, oral, and visual communication for technical and non-technical audiences.
- Integrate data science with business knowledge to support evidence-informed decisions in areas such as management, finance, marketing, operations, and enterprise strategy.
- Design responsible data-driven solutions that consider ethics, sustainability, organizational needs, and societal consequences, demonstrating professional competence through the internship and capstone.

Major Courses:

- SOS 100 Introduction to Sustainability
- WPC 150: Business and Society
- FIS 201: Innovation in Society
- CSE 205: Object-Oriented Programming and Data Structures
- OGL 220 Behavioral Dynamics in Organizations
- ACC 231: Uses of Accounting Information I
- CIS 235: Introduction to Information Systems
- ACC 241: Uses of Accounting Information II
- DAT 250: Data Science and Society
- DAT 300: Mathematical Tools for Data Science
- FIN 300: Fundamentals of Finance
- MGT 300: Principles of Management and Leadership
- MKT 300: Marketing & Business Performance
- WPC 300: Problem Solving and Actionable Analytics (Track course)
- DAT 301: Exploring Data in R and Python
- ECN 306: Survey of International Economics
- CIS 310: Business Data Visualization
- CIS 311: Business Agile Project Management
- CIS 315: Introduction to Business Data Analytics
- MKT 352: Marketing Research
- MKT 390: Essentials of Marketing
- DAT 401: Statistical Modeling and Inference for Data Science
- DAT 402: Machine Learning for Data Science
- CIS 407: Business Database Systems Development (Track course)
- CIS 409: Business Data Warehouses and Dimensional Modeling
- CIS 412: Business Machine Learning
- CIS 415: Big Data Analytics in Business
- CIS 450: Enterprise Analytics
- DAT 484: Internship
- DAT 490: Data Science Capstone

Bachelor of Science in Business Administration

Program Learning Outcomes

Upon successful completion of the Bachelor of Business Administration, graduates will be able to:

- Integrate core business knowledge from accounting, economics, finance, marketing, management, operations, supply-chain management, and information systems to address organizational challenges.
- Analyze business problems and opportunities using quantitative and qualitative evidence, statistical methods, data analytics, and appropriate digital technologies.
- Develop and evaluate organizational strategies that consider international markets, cross-cultural environments, operational requirements, risk, sustainability, and stakeholder interests.
- Make ethical and responsible business decisions by applying professional standards and evaluating the economic, social, technological, and environmental consequences of alternative actions.
- Communicate, negotiate, lead, and collaborate effectively with diverse stakeholders in local, international, and cross-cultural professional environments.
- Design and implement practical business solutions, demonstrating initiative, professional readiness, and the integration of multidisciplinary learning through applied projects, internship experience, and the capstone.

Major Courses:

- PSY 101 -- Introduction to Psychology
- SOC 101 -- Introduction to Sociology
- WPC 150 -- Business and Society
- FIS 201 -- Innovation in Society
- TGM 204 -- Principles of Marketing for Global Organizations
- ECN 211 -- Macroeconomic Principles
- ECN 212 -- Microeconomic Principles
- OGL 220 -- Behavioral Dynamics in Organizations
- ECN 221 -- Business Statistics
- ACC 231 -- Uses of Accounting Information I
- CIS 235 -- Introduction to Information Systems, Analytics and AI in Business
- ACC 241 -- Uses of Accounting Information II
- FIN 300 -- Fundamentals of Finance
- MGT 300 -- Principles of Management and Leadership
- MKT 300 -- Marketing and Business Performance
- SCM 300 -- Global Supply Operations
- WPC 300 -- Problem Solving and Actionable Analytics
- MGT 302 -- Principles of International Business
- ECN 306 -- Survey of International Economics
- CIS 315 -- Introduction to Business Data Analytics
- WPC 347 -- Intermediate Career Management
- SCM 354 -- Procurement of Services
- BUS 384 -- Business Operations and Planning
- MGT 400 -- Cross-Cultural Management
- MGT 411 -- Leading Organizations
- MGT 420 -- Human Resource Management
- MGT 430 -- Negotiation
- BUS 434 -- Business Risk Management
- WPC 470 -- Business Administration Capstone
- WPC 484 — Internship

Bachelor of Science in Business Administration with a Concentration in Logistics and Supply Chain Management

Program Learning Outcomes

Upon successful completion of the Bachelor of Science in Business Administration, graduates will be able to:

- Integrate core business knowledge from accounting, economics, finance, marketing, management, operations, supply-chain management, and information systems to address organizational challenges.
- Analyze business problems and opportunities using quantitative and qualitative evidence, statistical methods, data analytics, and appropriate digital technologies.
- Develop and evaluate organizational strategies that consider international markets, cross-cultural environments, operational requirements, risk, sustainability, and stakeholder interests.
- Make ethical and responsible business decisions by applying professional standards and evaluating the economic, social, technological, and environmental consequences of alternative actions.
- Communicate, negotiate, lead, and collaborate effectively with diverse stakeholders in local, international, and cross-cultural professional environments.
- Design and implement practical business solutions, demonstrating initiative, professional readiness, and the integration of multidisciplinary learning through applied projects, internship experience, and the capstone.

Concentration Learning Outcomes

Upon successful completion of the concentration in Logistics and Supply Chain Management, graduates will also be able to:

- Analyze end-to-end supply-chain systems and the relationships among procurement, operations, logistics, transportation, distribution, and global markets.
- Apply quantitative, analytical, artificial-intelligence, and other digital tools to evaluate supply-chain performance, identify operational problems, and support evidence-informed decisions.
- Design and improve logistics and supply-chain processes while balancing cost, quality, service, resilience, sustainability, risk, and stakeholder requirements.
- Develop integrated supply-chain strategies that align procurement, operations, logistics, technology, and international distribution with organizational objectives.

Major Courses:

- PSY 101 — Introduction to Psychology
- SOC 101 — Introduction to Sociology
- WPC 150 — Business and Society
- FIS 201 — Innovation in Society
- TGM 204 — Principles of Marketing for Global Organizations
- ECN 211 — Macroeconomic Principles
- ECN 212 — Microeconomic Principles
- OGL 220 — Behavioral Dynamics in Organizations
- ECN 221 — Business Statistics
- ACC 231 — Uses of Accounting Information I
- CIS 235 — Introduction to Information Systems, Analytics and AI in Business
- ACC 241 — Uses of Accounting Information II
- FIN 300 — Fundamentals of Finance
- MGT 300 — Principles of Management and Leadership
- MKT 300 — Marketing and Business Performance
- SCM 300 — Global Supply Operations
- WPC 300 — Problem Solving and Actionable Analytics
- ECN 306 — Survey of International Economics
- CIS 315 — Introduction to Business Data Analytics
- SCM 315 — Supply Chain Analytics
- WPC 347 — Intermediate Career Management
- SCM 345 — Logistics Management
- BUS 384 — Business Operations and Planning
- MGT 411 — Leading Organizations
- SCM 414 — Applied AI and Technology in Supply Chains
- SCM 432 — Operations Management
- SCM 463 — Global Supply Chain Management
- WPC 470 — Business Administration Capstone
- SCM 479 — Supply Chain Strategy
- WPC 484 — Internship

Concentration Requirements

The 30-ECTS concentration comprises five courses:

- SCM 315 — Supply Chain Analytics
- SCM 345 — Logistics Management
- SCM 414 — Applied AI and Technology in Supply Chains
- SCM 432 — Operations Management
- SCM 479 — Supply Chain Strategy

SCM 463 — Global Supply Chain Management replaces MGT 302 — Principles of International Business within this degree pathway. It strengthens the international dimension of the program but is not counted among the five formal concentration courses.

Students completing the concentration should undertake a logistics-, procurement-, operations-, or supply-chain-related project in WPC 470 — Business Administration Capstone. Where possible, WPC 484 — Internship should also be completed in a related professional setting.

Bachelor of Science in Marketing & Communication

Program Learning Outcomes

Upon successful completion of the BS in Marketing and Communication, graduates will be able to:

- Apply integrated marketing and communication principles to understand markets, audiences, organizations, brands, and stakeholder relationships in local and international contexts.
- Conduct marketing and communication research using quantitative, qualitative, rhetorical, interpretive, and critical methods to generate evidence-informed insights.
- Develop customer- and audience-centered strategies for branding, advertising, services marketing, sales, digital marketing, and organizational communication.
- Design and evaluate integrated campaigns and communication initiatives, using appropriate digital tools, analytics, financial measures, and performance indicators.
- Communicate, collaborate, and negotiate effectively with diverse audiences while managing conflict, public dialogue, professional relationships, and crisis communication.
- Make ethical and strategically responsible decisions, integrating business knowledge, intercultural awareness, creativity, and professional judgment through applied work, the internship, and the capstone.

Major Courses:

- COM 100: Introduction to Human Communication
- WPC 150 -- Business and Society
- COM 207 -- Critical Thinking and Writing in Communication
- ECN 211: Macroeconomic Principles
- ECN 212: Microeconomic Principles
- ECN 221 -- Business Statistics
- ACC 231 -- Uses of Accounting Information I
- ACC 241 -- Uses of Accounting Information II
- FIN 300 -- Fundamentals of Finance
- MGT 300 -- Principles of Management and Leadership
- MKT 300 - Marketing and Business Performance
- WPC 300 -- Problem Solving and Actionable Analytics
- MGT 302: Principles of International Business (GCSI)
- MKT 302 -- Strategic Marketing Management
- LES 305 -- Business Law and Ethics for Managers
- COM 308 -- Communication Research Strategies
- COM 309 -- Rhetorical, Interpretive, and Critical Methods in Communication
- COM 312 -- Communication, Conflict, and Negotiation
- COM 327 - Civil Communication
- MKT 352 -- Marketing Research
- MKT 355 -- Designing Brand Identity: Methods and Digital Tools
- MKT 365 -- Advertising and Beyond: Customer-Centric Brand Development
- MKT 370 -- Professional Sales and Relationship Management
- MKT 375 -- Services Marketing
- MKT 402 -- Consumer Behavior
- COM 414: Crisis Communication
- MKT 435 -- Entrepreneurial Marketing
- WPC 480 -- Marketing Capstone
- MKT 484 -- Internship
- TAM 511: Global Accounting: Managing with Numbers
- TAM 530: Data Analytics and Digital Transformation in a Global World
- TAM 542: Global Leadership and Personal Development
- TAM 557: Global Marketing in Digital Age

Bachelor of Science in Logistics & Supply Chain Management

Program Learning Outcomes

Upon successful completion of the BS in Logistics and Supply Chain Management, graduates will be able to:

- Explain end-to-end supply-chain systems and the interactions among procurement, operations, transportation, logistics, distribution, markets, and global business environments.
- Analyze supply-chain data and performance using statistical, financial, analytical, and digital tools to identify problems, evaluate alternatives, and support evidence-informed decisions.
- Design and improve logistics and supply-chain operations by applying appropriate approaches to transportation, procurement, production, resource allocation, and project management.
- Evaluate strategic trade-offs and risks involving cost, quality, service, resilience, ethics, sustainability, and stakeholder requirements in local and international supply chains.
- Communicate, collaborate, and negotiate effectively with suppliers, customers, colleagues, and other stakeholders across organizational, professional, and cultural contexts.
- Develop integrated supply-chain strategies that align operations with organizational objectives and demonstrate the practical application of business and supply-chain knowledge through research, projects, and the capstone.

Major Courses:

- WPC 150 -- Business and Society
- SCM 200 -- Society, Supply Chains
- FIS 201 - Innovation in Society
- ECN 211: Macroeconomic Principles
- ECN 212: Microeconomic Principles
- ECN 221 -- Business Statistics
- ACC 231 -- Uses of Accounting Information I
- ACC 241 -- Uses of Accounting Information II
- SCM 245 -- Logistics Systems and Transportation Management
- FIN 300 -- Fundamentals of Finance
- MGT 300 -- Principles of Management and Leadership
- MKT 300 -- Marketing and Business Performance
- SCM 300 -- Global Supply Operations
- WPC 300 -- Problem Solving and Actionable Analytics
- MGT 302 -- Principles of International Business
- LES 305 -- Business Law and Ethics for Managers
- ECN 306 - Survey of International Economics
- SCM 315 -- Supply Chain Analytics
- SCM 345 -- Logistics Management
- SCM 355 -- Procurement and Supply Management
- ACC 382 -- Accounting and Financial Analysis
- MKT 402 -- Consumer Behavior
- SCM 432 -- Operations Management
- SCM 455 -- Research and Negotiation
- SCM 463 -- Global Supply Chain Management
- SCM 479 -- Supply Chain Strategy
- WPC 480 -- Supply Chain Capstone
- SCM 502 - Operations and Supply Management
- SCM 520 - Strategic Procurement (Elective)
- SCM 541 - Logistics in the Supply Chain
- SCM 587 - Project Management

Bachelor of Science in International Relations and Diplomacy

- International Relations and Diplomacy Knowledge
- Explain and apply major theories, concepts, institutions, and historical developments in international relations, diplomacy, comparative politics, and global affairs.
- Global, Regional and National-Context Analysis
- Analyze political, economic, social, technological, environmental, and security developments at national, regional, and international levels, with particular attention to Uzbekistan and Central Asia.
- Diplomacy, Negotiation and International Cooperation
- Apply the principles and practices of diplomacy, negotiation, foreign-policy analysis, and international cooperation in professional, applied, and simulated settings.
- International Law, Governance, Ethics and Human Rights
- Evaluate the roles of international law, public policy, international institutions, states, and non-state actors in addressing global challenges, while demonstrating ethical judgment and respect for human rights and cultural diversity.
- Empirical Research and Evidence-Based Policy Analysis
- Apply qualitative and quantitative research methods, critically evaluate information and data, and formulate evidence-based policy analysis and recommendations.
- Professional and Intercultural Communication
- Communicate complex international and policy issues clearly and persuasively to specialist and non-specialist audiences and collaborate effectively across cultures and professional contexts.

Major Courses:

- SGS 101: Thinking Globally
- SOS 110: Sustainable World
- POS 160: Global Politics
- Introduction to International Relations — course code to be confirmed
- FIS 201: Innovation in Society
- SGS 204: Professional Global Career Development
- ECN 211: Macroeconomic Principles
- ECN 212: Microeconomic Principles
- DAT 250: Data Science and Society
- POS 300: Contemporary Global Controversies
- POS 301: Empirical Political Inquiry
- SGS 303: Global Trends
- SGS 321: International Institutions and Global Governance
- POS 325: Public Policy Development
- SOC 334: Technology and Society — elective or ASU equivalent
- POS 350: Comparative Politics
- SGS 350: Economic Development and Globalization
- FMS 351: Emerging Digital Media
- ECN 360: Economic Development — elective or ASU equivalent
- POS 368: Ethics and Human Rights
- POS 370: Law and Society
- SGS 370: Geopolitics
- SGS 379: The Resource Curse
- POS 401: Political Statistics
- POS 465: International Organization and Law
- POS 466: Migration, Environment and Global Security
- POS 467: International Security — elective or ASU equivalent
- POS 480: Global Justice
- POS 486: International Political Economy
- SGS 494: Diplomacy/Policy Design Studio — Capstone
- Practical Diplomacy and Negotiation Skills — AUT-developed and ASU-aligned
- Diplomacy and Foreign Policy of Uzbekistan — national-context course
- Regional Studies — AUT/OSCE course
- Upper-Division International Relations Track Elective

Bachelor of Science in Finance and FinTech

Program Learning Outcomes

Upon successful completion of the BS in Finance and FinTech, graduates will be able to:

- Apply financial, accounting, and economic principles to analyze organizations, financial markets, institutions, investments, and managerial decisions.
- Use quantitative, analytical, and computational methods to evaluate financial information, construct models, assess alternatives, and support evidence-informed decisions.
- Evaluate financial technologies and digital business models, explaining how data, artificial intelligence, automation, and emerging technologies transform financial products, services, institutions, and markets.
- Analyze investments, portfolios, and financial risks using appropriate valuation, security-analysis, risk-management, and performance-assessment techniques.
- Develop ethical and strategically responsible financial recommendations that consider applicable laws, regulation, governance, compliance, stakeholder interests, and international economic conditions.
- Design and communicate applied finance and FinTech solutions, integrating financial and technological knowledge through cases, modelling, the internship, project practicum, and capstone.

Major Courses:

- PSY 101: Introduction to Psychology
- WPC 150 -- Business and Society
- ECN 211: Macroeconomic Principles
- MAT 211 -- Mathematics for Business Analysis
- ECN 221 -- Business Statistics
- ACC 231 -- Uses of Accounting Information I
- CIS 235 -- Introduction to Information Systems, Analytics and AI in Business
- ACC 241 -- Uses of Accounting Information II
- FIN 300 -- Fundamentals of Finance
- MGT 300 -- Principles of Management and Leadership
- MKT 300 -- Marketing and Business Performance
- SCM 300 -- Global Supply Operations
- WPC 300 -- Problem Solving and Actionable Analytics
- FIN 302 -- Managerial Finance
- LES 305 -- Business Law and Ethics for Managers
- ECN 306 -- Survey of International Economics
- FIN 331 Financial Markets and Institutions
- ACC 340 -- External Reporting I
- FIN 361 -- Advanced Managerial Finance
- CIS 404 -- Programming for Analytics and AI in Business
- CIS 412 -- Business Machine Learning
- FIN 421 -- Security Analysis and Portfolio Management
- FIN 432 -- Topics in Financial Technology
- FIN 461 -- Financial Cases and Modelling
- FIN 462 -- FinTech Project Practicum
- WPC 480 -- Finance Capstone
- MKT 484 -- Internship
- TAM 511: Global Accounting: Managing with Numbers
- TAM 530: Data Analytics and Digital Transformation in a Global World
- TAM 542: Global Leadership and Personal Development
- TAM 557: Global Marketing in Digital Age

Bachelor of Science in AI and Business Transformation

Program Learning Outcomes

Upon successful completion of the BS in AI in Business, graduates will be able to:

- Integrate business and artificial intelligence knowledge to identify organizational opportunities and frame business problems suitable for data-driven and AI-enabled solutions.
- Acquire, prepare, analyze, and visualize business data using appropriate programming, statistical, analytical, and business-intelligence tools.
- Develop and evaluate artificial intelligence and machine-learning models for business applications, assessing their performance, limitations, risks, and organizational value.
- Design and implement AI-enabled business solutions that align technology, processes, people, project requirements, and strategic organizational objectives.
- Evaluate AI systems responsibly by applying principles of ethics, cybersecurity, privacy, data governance, legal compliance, transparency, and accountable decision-making.
- Communicate AI-supported insights and recommendations effectively to technical and non-technical stakeholders, demonstrating professional competence through applied projects and the capstone.

Major Courses:

- WPC 150 -- Business and Society
- FIS 201 -- Innovation in Society
- MAT 211 -- Mathematics for Business Analysis
- ECN 212: Microeconomic Principles
- OGL 220 Behavioural Dynamics in Organizations
- ECN 221 -- Business Statistics
- ACC 231 -- Uses of Accounting Information I
- ACC 241 -- Uses of Accounting Information II
- FIN 300 -- Fundamentals of Finance
- MGT 300 -- Principles of Management and Leadership
- MKT 300 -- Marketing and Business Performance
- SCM 300 -- Global Supply Operations
- WPC 300 -- Problem Solving and Actionable Analytics
- MGT 302 -- Principles of International Business
- LES 305 -- Business Law and Ethics for Managers
- CIS 308: Advanced Excel in Business
- CIS 309 -- Business Process Management
- CIS 311 -- Business Agile Project Management
- CIS 315 -- Introduction to Business Data Analytics
- CIS 401 -- Cyber Risk Management
- CIS 404 -- Programming for Analytics and AI in Business
- CIS 405 -- Business Intelligence
- CIS 406 -- AI Foundations in Business
- CIS 412 -- Business Machine Learning
- CIS 415 -- Big Data and AI in Business
- CIS 446 -- Data and Technology Governance in Business
- WPC 480 -- AI Business Capstone
- CIS 505 -- Enterprise Data Analytics
- CIS 507 -- Programming for AI and Data Analytics in Business
- CIS 508 -- Machine Learning in Business
- CIS 541 -- Business Data Visualization

Master's Programs

Master of Global Management

Program Learning Outcomes

Upon successful completion of the Master of Global Management, graduates will be able to:

- Analyze complex global business environments by integrating economic, political, institutional, technological, cultural, and market perspectives.
- Apply accounting, finance, analytics, and strategic-management methods to evaluate organizational performance, global opportunities, risks, and alternative courses of action.
- Develop evidence-informed global strategies addressing market entry, international marketing, digital transformation, innovation, entrepreneurship, and sustainable value creation.
- Lead organizational change and consulting initiatives in diverse international settings, demonstrating ethical judgment, adaptability, self-awareness, and responsible leadership.
- Communicate, collaborate, and negotiate effectively across cultures, presenting persuasive analyses and recommendations to diverse professional and stakeholder audiences.
- Design and defend integrated solutions to complex global-management challenges, demonstrating advanced strategic thinking and the synthesis of program learning through consulting work and the capstone.

Core Courses:

- TAM 542: Global Leadership and Personal Development (ASU bridge)
- TAM 557: Customer Experience and Digital Marketing (ASU bridge)
- TAM 511: Global Accounting: Managing with Numbers (ASU bridge)
- TAM 530: Data Analytics and Digital Transformation in a Global World (ASU bridge)
- TGM 507: Global Organizational Consulting
- IAL 503: Applied International Leadership
- FIN 560: International Finance
- TGM 551: Global Marketing Strategy
- 2 Elective courses of chosen Concentration 1 or 2

Elective Courses for Concentration 1: Global Business

- TGM 598 Global Digital Transformation: States & Markets: The Fourth Industrial Revolution in a Global Economy
- TGM 547 Leading Change and Transformation in a Global Environment
- TGM 598 The Global AI Economy

Electives Courses for Concentration 2: Global Digital Transformation

- TGM 598 Analytics and Machine Learning for Global Business
- TGM 598 Blockchain in the Global Economy
- TGM 598 Global Digital Transformation
- TGM 598 The Global AI Economy
- 1 Elective courses of chosen Concentration 1 or 2
- TAM 541: Strategy in a Competitive World (Capstone Course)

Master of Business Administration

Program Learning Outcomes

Upon successful completion of the Master of Business Administration, graduates will be able to:

- Integrate advanced business knowledge from accounting, economics, finance, marketing, organizational behavior, entrepreneurship, and strategy to address complex managerial challenges.
- Analyze organizational performance and business opportunities using financial information, economic reasoning, data analytics, and appropriate digital technologies.
- Formulate and evaluate competitive strategies that respond to global markets, digital transformation, innovation, sustainability, risk, and changing stakeholder expectations.
- Lead organizations and entrepreneurial initiatives effectively, demonstrating self-awareness, sound judgment, adaptability, and the ability to manage people and organizational change.
- Make ethical and responsible managerial decisions and communicate evidence-based recommendations effectively to diverse professional and stakeholder audiences.
- Apply specialized knowledge in AI or data analytics and synthesize learning across business disciplines to develop and defend an integrated strategic solution through the capstone.

Core Courses:

- TAM 530: Data Analytics and Digital Transformation in a Global World
- TAM 511: Global Accounting: Managing with Numbers
- TAM 557: Global Marketing in Digital Age
- TAM 542: Global Leadership and Personal Development
- TGM 586: Global Entrepreneurship and Sustainable Business
- ECN 502: Managerial Economics
- MKT 502: Marketing Management
- MGT 502: Organizational Behavior
- LES 582: Ethical Issues for Managers
- FIN 502: Managerial Finance
- 4 Concentration courses from AI or Data Analytics
- MGT 589: Strategic Management (Capstone)

Elective Courses for Concentration 1: AI and Business Transformation

- CIS 591
- CIS 503
- CIS 541
- CIS 515

Elective Courses for Concentration 2: Data Analytics

- CIS 591
- SCM 516
- CIS 515
- CIS 508
- CIS 505

Master of Science in Artificial Intelligence and Business Transformation

Program Learning Outcomes

Upon successful completion of the Master of Science in AI and Business Transformation, graduates will be able to:

- AI, Data and Analytics
- Critically evaluate and apply artificial intelligence, enterprise data analytics, programming, machine-learning, and generative-AI methods to investigate complex business problems and support evidence-informed decisions.
- AI Opportunity and Solution Design
- Identify commercially viable AI opportunities, assess organizational data and technology readiness, and design AI-enabled solutions that integrate business needs, processes, data, people, and technological requirements.
- Strategy, Innovation and Business Value
- Formulate AI and data-analytics strategies, develop AI-enabled products, services, and business models, and evaluate their strategic, operational, financial, and competitive value.
- Responsible AI and Governance
- Establish appropriate data, technology, and AI-governance arrangements and evaluate issues of privacy, security, fairness, bias, transparency, accountability, and responsible use.
- Organizational Transformation and Leadership
- Lead AI adoption and organizational transformation by redesigning business processes, managing change, aligning stakeholders, and addressing the organizational implications of automation and intelligent systems.
- Applied Integration and Communication
- Integrate technical, analytical, managerial, and strategic knowledge to design, implement, evaluate, and clearly present an applied AI business-transformation project to specialist and non-specialist audiences.

Core Courses:

- CIS 505: Enterprise Data Analytics
- CIS 507: Programming for AI and Data Analytics in Business
- SCM 516: Descriptive and Predictive Analytics
- SCM 517: Business Process Analytics
- CIS 508: Machine Learning in Business
- CIS 541: Data Visualization
- SCM 518: Analytical Decision Modeling
- SCM 519: Quantitative Risk Management
- CIS 503: Decision Making with Data Analytics
- CIS 565: Artificial Intelligence in Business
- CIS 509: Analytics for Unstructured Data
- CIS 515: AI & Data Analytics Strategy
- CIS 576: Transforming Business with AI
- CIS 568: AI Business Strategy
- CIS 593: Applied Project

Master of Arts in TESOL (Teaching English to Speakers of Other Languages)

Program Learning Outcomes

Upon successful completion of the MA in TESOL, graduates will be able to:

- Apply advanced knowledge of linguistics and the English language to analyze language structure, development, variation, and use in diverse educational and international contexts.
- Apply second-language acquisition theories and evidence-informed pedagogical approaches to address the needs of linguistically, culturally, and academically diverse English-language learners.
- Design coherent and inclusive curricula, courses, lessons, and learning materials aligned with learner needs, intended outcomes, appropriate teaching methods, and multilingual educational contexts.
- Develop and evaluate valid language assessments and use assessment evidence, classroom observation, and learner performance data to improve teaching and learning.
- Integrate digital technologies into language education and demonstrate reflective practice, professional leadership, ethical judgment, and responsible innovation in TESOL settings.
- Conduct and communicate applied TESOL inquiry, integrating research, theory, supervised professional practice, and critical reflection through the practicum and capstone project.

Core Courses:

- LIN 517 History of the English Language
- LIN 510 Linguistics
- LIN 520 Second-Language Acquisition Theory
- LIN 521 Methods of Teaching English as a Second Language
- BMT 503 Leadership and Innovation in Language Education
- LIN 501 Approaches to Research
- APL 558 Computer-Assisted Language Learning Praxis
- LIN 591 Teaching English as an International Language
- BMT 501 Classroom Observation & Reflective Practice
- BMT 502 TESOL in Multilingual Classrooms (Policy & Inclusion)
- LIN 522 Grammar for TESL
- LIN 523 Language Testing and Assessment
- LIN 524 Curriculum Design
- LIN 584 Practicum Internship (≈150 hours)
- LIN 597 Capstone Project

Course Descriptions

ACC 231 Uses of Accounting Information I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ACC 231, Uses of Accounting Information I, introduces students to the fundamental principles and practices of financial accounting. The course examines the accounting cycle, preparation of financial statements, recording and reporting of business transactions, and the interpretation of financial information for decision-making. Students develop an understanding of accounting concepts, ethical standards, and the role of accounting in business organizations.

Prerequisite(s): CIS 105 with C or better

Corequisite(s): None

ACC 241 Uses of Accounting Information II

ECTS Credits: 3 | Contact Hours per Week: 3-0-0

ACC 241, Uses of Accounting Information II, builds upon the principles introduced in ACC 231/232/261 by focusing on managerial accounting and the use of accounting information for planning, controlling, and decision-making. Topics include cost behavior, budgeting, performance evaluation, cost-volume-profit analysis, and managerial reporting. Students learn to apply accounting information to support organizational strategy and operational effectiveness.

Prerequisite(s): ACC 231 with C or better

Corequisite(s): None

ACC 340 External Reporting I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ACC 340, External Reporting I, provides an in-depth study of financial reporting principles and the preparation of corporate financial statements. The course explores accounting standards, recognition and measurement of assets, liabilities, equity, revenues, and expenses, as well as financial statement presentation and disclosure requirements. Students develop the analytical skills necessary to interpret and evaluate external financial reports.

Prerequisite(s): ACC 241

Corequisite(s): None

ACC 382 Accounting and Financial Analysis

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ACC 382, Accounting and Financial Analysis, develops students' ability to evaluate financial performance and support strategic business decisions through the analysis of accounting information. The course covers financial statement analysis, profitability and liquidity assessment, cash flow evaluation, financial forecasting, and performance measurement. Students apply analytical techniques to real-world business scenarios to assess organizational financial health and recommend informed business decisions.

Prerequisite(s): ACC 241

Corequisite(s): None

AEC 101 Academic English and Composition

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

AEC 101, Academic English and Composition, develops students' academic English language proficiency through integrated instruction in reading, writing, listening, and speaking. The course emphasizes academic writing, critical reading, grammar, vocabulary development, research skills, and effective communication in higher education. Students learn to compose coherent academic essays, analyze scholarly texts, and communicate ideas clearly and professionally in academic and multicultural environments.

Prerequisite(s): English Placement Test or equivalent English language proficiency, where applicable.

Corequisite(s): None

AIL 101 AI Literacy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

AIL 101, AI Literacy, introduces students to the fundamental concepts, principles, and applications of artificial intelligence in academic, professional, and societal contexts. The course explores machine learning, generative AI, data-driven decision-making, ethical considerations, responsible AI use, privacy, and emerging technologies. Students develop practical skills in using AI-powered tools to enhance learning, problem-solving, communication, and productivity while critically evaluating the opportunities, limitations, and societal impact of artificial intelligence.

Prerequisite(s): None

Corequisite(s): None

APL 558 Computer-Assisted Language Learning Praxis

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

APL 558, Computer-Assisted Language Learning Praxis, explores the integration of digital technologies into English language teaching and learning. Students examine computer-assisted language learning (CALL) theories, educational technologies, online learning platforms, multimedia resources, artificial intelligence tools, and instructional design strategies to enhance language acquisition and learner engagement in diverse educational settings.

Prerequisite(s): None

Corequisite(s): None

BMT 501 Classroom Observation & Reflective Practice

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

BMT 501, Classroom Observation & Reflective Practice, develops professional teaching competencies through systematic classroom observation and reflective practice. Students examine instructional strategies, classroom management techniques, learner engagement, and teaching effectiveness while cultivating reflective skills to support continuous professional growth and improved instructional practice.

Prerequisite(s): None

Corequisite(s): None

BMT 502 TESOL in Multilingual Classrooms (Policy & Inclusion)

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

BMT 502, TESOL in Multilingual Classrooms (Policy & Inclusion), explores policies, principles, and inclusive practices for teaching English in linguistically and culturally diverse classrooms. Students examine language policy, multilingual education, equity, intercultural competence, differentiated instruction, and inclusive teaching strategies that support diverse English language learners.

Prerequisite(s): None

Corequisite(s): None

BMT 503 Leadership and Innovation in Language Education

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

BMT 503, Leadership and Innovation in Language Education, examines leadership principles and innovative practices that enhance language education in diverse educational settings. Students explore instructional leadership, educational innovation, curriculum improvement, change management, technology integration, and collaborative strategies for advancing teaching and learning in language education.

Prerequisite(s): None

Corequisite(s): None

BUS 384 Business Operation and Planning

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

This course examines the principles and practices of business operations and planning. Students learn how to develop and execute operational plans by determining what needs to be accomplished, when and where activities should occur, how resources should be allocated, and who is responsible for implementation. The course covers project and operational planning, process management, resource allocation, budgeting, risk assessment, performance measurement, and continuous improvement. Emphasis is placed on transforming product, service, or project ideas into successful outcomes through effective planning, execution, and evaluation.

Prerequisite(s): None

Corequisite(s): None

BUS 434 Business Risk Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

This course examines the principles and practices of business risk management. Students explore the identification, assessment, and mitigation of financial, operational, strategic, and compliance risks faced by organizations. Topics include risk measurement, insurance, self-insurance, derivatives and other financial instruments for hedging, enterprise risk management (ERM), regulatory considerations, and the role of public policy in managing risk. Emphasis is placed on developing effective risk management strategies that enhance organizational resilience and support informed business decision-making.

Prerequisite(s): None

Corequisite(s): None

CEE 181 Technological, Social, and Sustainable Systems

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CEE 181, Technological, Social, and Sustainable Systems, examines the relationships between technology, engineering, society, and sustainable development. The course explores how engineering solutions address global challenges while considering environmental, economic, ethical, and social impacts. Students develop systems-thinking skills and evaluate sustainable approaches to infrastructure, resource management, innovation, and responsible technological development.

Prerequisite(s): None

Corequisite(s): None

CIS 105 Computer Applications and Information Technology

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 105, Computer Applications and Information Technology, introduces students to fundamental computer concepts and digital technologies used in academic and professional environments. The course develops proficiency in productivity software, information management, cloud collaboration, digital communication, cybersecurity awareness, and responsible technology use. Students gain practical skills for creating, managing, and presenting information using contemporary computing tools.

Prerequisite(s): None

Corequisite(s): None

CIS 235 Introduction to Information Systems

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 235, Introduction to Information Systems, provides an overview of information systems and their role in supporting business operations and organizational decision-making. Students examine information technologies, databases, enterprise systems, business processes, digital transformation, and emerging technologies. The course emphasizes the strategic value of information systems in modern organizations.

Prerequisite(s): None

Corequisite(s): None

CIS 308 Advanced Excel in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 308, Advanced Excel in Business, develops advanced spreadsheet skills for business analysis and decision-making. Students learn to use formulas, functions, PivotTables, dashboards, data visualization, financial models, forecasting tools, and automation techniques to analyze and present business information effectively.

Prerequisite(s): CIS 105 or equivalent computer literacy.

Corequisite(s): None

CIS 309 Business Process Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 309, Business Process Management, examines the principles, methods, and technologies used to analyze, design, improve, and manage organizational processes. Students explore process modeling, workflow optimization, automation, digital transformation, and continuous improvement strategies to enhance organizational efficiency and performance.

Prerequisite(s): CIS 235

Corequisite(s): None

CIS 310 Business Data Visualization

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 310, Business Data Visualization, introduces techniques for transforming business data into meaningful visual representations. Students learn principles of visual analytics, dashboard design, storytelling with data, and the use of modern visualization software to support data-driven decision-making and effective business communication.

Prerequisite(s): CIS 235

Corequisite(s): None

CIS 311 Business Agile Project Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 311, Business Agile Project Management, introduces Agile methodologies and project management practices used in modern organizations. Students explore Scrum, Kanban, project planning, stakeholder engagement, team collaboration, iterative development, and performance monitoring while applying Agile principles to business and technology projects.

Prerequisite(s): CIS 235

Corequisite(s): None

CIS 315 Introduction to Business Data Analytics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 315, Introduction to Business Data Analytics, introduces the principles and techniques of business data analytics for organizational decision-making. Students learn how to collect, clean, analyze, and interpret business data using analytical tools and visualization techniques. Topics include descriptive and predictive analytics, data-driven decision-making, key performance indicators (KPIs), dashboards, and practical business applications.

Prerequisite(s): CIS 235

Corequisite(s): None

CIS 401 Cyber Risk Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 401, Foundations of cybersecurity risk management, threat and vulnerability analysis, risk assessment frameworks (e.g., NIST, ISO 27001), governance and compliance, incident response planning, business continuity, cyber resilience, and ethical considerations in information security management.

Prerequisite(s): CIS 235

Corequisite(s): None

CIS 404 Programming for Analytics and AI in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 404, Programming for Analytics and AI in Business, provides students with programming skills required for business analytics and artificial intelligence applications. Students develop practical experience using programming languages and libraries to manipulate data, automate analytical processes, perform statistical analysis, and build AI-enabled business solutions. Emphasis is placed on solving real-world business problems through computational methods.

Prerequisite(s): CIS 315

Corequisite(s): None

CIS 405 Business Intelligence

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 405, Business Intelligence, examines the concepts, technologies, and practices used to transform organizational data into actionable business insights. Students explore data warehousing, reporting systems, dashboards, business performance measurement, decision support systems, and visualization techniques. The course emphasizes the use of business intelligence tools to improve strategic and operational decision-making.

Prerequisite(s): CIS 315

Corequisite(s): None

CIS 406 AI Foundations in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 406, AI Foundations in Business, introduces the core concepts of artificial intelligence and their application in modern business environments. Students examine machine learning fundamentals, intelligent automation, generative AI, natural language processing, computer vision, ethical AI, and AI-driven decision support systems. The course emphasizes practical business applications and responsible implementation of AI technologies.

Prerequisite(s): CIS 315

Corequisite(s): None

CIS 407 Business Database Systems Development

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 407, Business Database Systems Development, focuses on the design, development, and management of database systems that support business operations. Students learn relational database concepts, data modeling, SQL programming, normalization, database implementation, transaction management, and database security. Practical projects emphasize developing efficient and scalable database solutions for organizational information systems.

Prerequisite(s): CIS 315

Corequisite(s): None

CIS 412 Business Machine Learning

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 412, Business Machine Learning, explores machine learning methods and their application to business analytics and decision-making. Students study supervised and unsupervised learning techniques, predictive modeling, classification, clustering, model evaluation, and deployment of machine learning solutions. The course emphasizes solving real business challenges using data-driven predictive models.

Prerequisite(s): CIS 404, CIS 406

Corequisite(s): None

CIS 415 Big Data Analytics in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 415, Big Data Analytics in Business, examines the principles, tools, and applications of big data analytics in modern organizations. Students explore data acquisition, storage, processing, visualization, predictive analytics, and decision-support systems while learning how large-scale datasets can improve business performance, operational efficiency, and strategic decision-making. Practical applications emphasize cloud-based analytics platforms and real-world business cases.

Prerequisite(s): CIS 315

Corequisite(s): None

CIS 446 Data and Technology Governance in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 446, Data and Technology Governance in Business, provides an understanding of governance frameworks that ensure the effective, secure, and ethical management of organizational data and technology resources. Students examine data governance, information security, privacy regulations, compliance standards, digital risk management, enterprise governance, and organizational policies supporting responsible technology use and sustainable digital transformation.

Prerequisite(s): CIS 405

Corequisite(s): None

CIS 450 Enterprise Analytics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 450, Enterprise Analytics, focuses on advanced analytical methods used to support enterprise-wide decision-making. Students develop skills in business intelligence, predictive and prescriptive analytics, dashboard development, performance measurement, and data-driven strategic planning. The course emphasizes integrating analytical tools with organizational processes to improve efficiency, competitiveness, and business outcomes.

Prerequisite(s): CIS 315

Corequisite(s): None

CIS 503 Decision Making with Data Analytics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 503, Decision Making with Data Analytics, explores analytical methods and data-driven approaches for improving organizational decision-making. Students develop competencies in data interpretation, business intelligence, predictive analysis, and evidence-based decision-making to solve complex business problems.

Prerequisite(s): None

Corequisite(s): None

CIS 505 Enterprise Data Analytics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 505, Enterprise Data Analytics, provides advanced knowledge of enterprise-level analytical techniques for transforming organizational data into strategic insights. Students explore enterprise data architectures, advanced reporting, data modeling, predictive analytics, performance measurement, and decision-support systems while applying analytical solutions to complex business challenges using contemporary analytics platforms.

Prerequisite(s): CIS 450

Corequisite(s): None

CIS 507 Programming for AI and Data Analytics in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 507, Programming for AI and Data Analytics in Business, develops programming skills required to build artificial intelligence and data analytics solutions for business applications. Students use modern programming languages and analytical libraries to prepare data, develop machine learning models, automate business processes, and create data-driven applications that support organizational decision-making.

Prerequisite(s): CIS 505 or equivalent programming experience

Corequisite(s): None

CIS 508 Machine Learning in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 508, Machine Learning in Business, introduces advanced machine learning methods and their application to business decision-making. Students explore supervised and unsupervised learning, classification, regression, clustering, predictive modeling, model evaluation, and ethical considerations while applying machine learning algorithms to solve real-world organizational challenges using business datasets.

Prerequisite(s): CIS 507

Corequisite(s): None

CIS 509 Analytics for Unstructured Data

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 509, Analytics for Unstructured Data, examines analytical techniques for extracting insights from unstructured data sources, including text, images, audio, and social media. Students explore natural language processing, text mining, sentiment analysis, data preparation, and visualization methods to support business decision-making.

Prerequisite(s): None

Corequisite(s): None

CIS 515 AI & Data Analytics Strategy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 515, AI & Data Analytics Strategy, focuses on developing organizational strategies for leveraging artificial intelligence and data analytics to create business value. Students examine AI governance, digital transformation, innovation management, ethical considerations, and strategic implementation of analytics solutions across enterprises.

Prerequisite(s): None

Corequisite(s): None

CIS 541 Business Data Visualization

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 541, Business Data Visualization, focuses on designing effective visual representations of business data to support communication and strategic decision-making. Students learn visualization principles, dashboard development, interactive reporting, storytelling with data, visual analytics, and the use of modern business intelligence tools to communicate complex information clearly to diverse stakeholders.

Prerequisite(s): CIS 505

Corequisite(s): None

CIS 565 Artificial Intelligence in Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 565, Artificial Intelligence in Business, examines the application of artificial intelligence technologies to improve business processes, decision-making, and organizational performance. Students explore AI concepts, intelligent systems, automation, generative AI, ethical considerations, and the strategic use of AI across business functions.

Prerequisite(s): None

Corequisite(s): None

CIS 568 AI Business Strategy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 568, AI Business Strategy, explores strategic approaches to integrating artificial intelligence into business models and organizational operations. Students examine AI-driven innovation, competitive advantage, digital leadership, investment strategies, governance, and the organizational impact of AI adoption.

Prerequisite(s): None

Corequisite(s): None

CIS 576 Transforming Business with AI

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 576, Transforming Business with AI, examines how artificial intelligence transforms business processes, customer experiences, operations, and organizational strategy. Students evaluate AI-enabled transformation initiatives, automation technologies, implementation challenges, change management, and emerging trends shaping the future of business.

Prerequisite(s): None

Corequisite(s): None

CIS 593 Applied Project

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 593, Applied Project, serves as the culminating experience of the program by requiring students to apply artificial intelligence and business analytics knowledge to a real-world organizational challenge. Students conduct research, develop innovative solutions, implement analytical methods, and present professional project outcomes that demonstrate mastery of program learning objectives.

Prerequisite(s): Completion of Major Core Courses

Corequisite(s): None

COM 225 Public Speaking and Presentations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 225, Public Speaking and Presentations, develops effective oral communication and presentation skills for academic, professional, and public settings. Students learn audience analysis, speech organization, persuasive communication, presentation design, delivery techniques, and the effective use of visual aids while building confidence through individual and group presentations.

Prerequisite(s): AEC 101

Corequisite(s): None

COM 259 Communication in Business and Professions

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 259, Communication in Business and the Professions, examines communication strategies used in professional and organizational environments. Students develop skills in workplace communication, professional correspondence, team collaboration, conflict resolution, business presentations, and communication technologies while strengthening interpersonal and organizational effectiveness.

Prerequisite(s): COM 225

Corequisite(s): None

COM 263 Elements of Intercultural Communication

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 263, Elements of Intercultural Communication, explores communication across cultures in an increasingly interconnected world. Students examine cultural values, communication styles, identity, diversity, globalization, intercultural competence, and strategies for effective communication in multicultural academic and professional environments.

Prerequisite(s): COM 225

Corequisite(s): None

COM 308 Communication Research Strategies

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 308, Communication Research Strategies, introduces research methods used to investigate communication phenomena. Students learn qualitative and quantitative research designs, data collection techniques, literature review, survey development, content analysis, and ethical research practices while applying research methods to communication-related issues.

Prerequisite(s): COM 259

Corequisite(s): None

COM 312 Communication, Conflict, and Negotiation

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 312, Communication, Conflict, and Negotiation, explores communication processes involved in conflict management and negotiation across interpersonal, organizational, and international settings. Students develop negotiation strategies, mediation techniques, problem-solving skills, and conflict resolution approaches through case studies, simulations, and collaborative activities.

Prerequisite(s): COM 259

Corequisite(s): None

COM 327 Civil Communication

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 327, Civil Communication, examines ethical, respectful, and constructive communication in diverse social and professional environments. Students explore dialogue, civic engagement, public discourse, digital communication ethics, active listening, and strategies for fostering productive conversations across differing viewpoints.

Prerequisite(s): COM 309

Corequisite(s): None

COM 414 Crisis Communication

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 414, Crisis Communication, examines communication planning and response strategies used before, during, and after organizational crises. Students analyze crisis communication theories, stakeholder engagement, reputation management, media relations, risk communication, and crisis recovery while developing comprehensive communication plans for real-world organizational scenarios.

Prerequisite(s): COM 327

Corequisite(s): None

CRD 401 Managing Leisure Enterprises

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CRD 401, Managing Leisure Enterprises, examines the principles and practices of managing organizations within the leisure, recreation, tourism, hospitality, and entertainment industries. Students explore strategic planning, organizational leadership, financial management, human resource management, service quality, marketing, sustainability, and operational decision-making while developing the skills necessary to effectively manage leisure enterprises in a dynamic global environment.

Prerequisite(s): MGT 380, ACC 382

Corequisite(s): None

CSE 110 Principles of Programming

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 110, Principles of Programming, introduces the fundamental concepts of computer programming and problem-solving. Students develop algorithmic thinking while learning programming constructs including variables, data types, control structures, functions, arrays, and basic object-oriented concepts. The course emphasizes structured program design, debugging techniques, testing, and software development best practices through practical programming exercises.

Prerequisite(s): None

Corequisite(s): None

CSE 205 Object-Oriented Programming and Data Structures

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 205, Object-Oriented Programming and Data Structures, builds upon introductory programming by introducing object-oriented software development and fundamental data structures. Students explore classes, objects, inheritance, polymorphism, encapsulation, recursion, linked lists, stacks, queues, trees, and algorithm analysis while developing efficient and maintainable software applications.

Prerequisite(s): CSE 110

Corequisite(s): None

DAT 250 Data Science and Society

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DAT 250, Data Science and Society, introduces the role of data science in addressing societal, organizational, and global challenges. Students examine data ethics, privacy, governance, responsible artificial intelligence, data-driven decision-making, and the social, economic, and ethical implications of data science while exploring real-world applications across industries.

Prerequisite(s): CIS 235

Corequisite(s): None

DAT 300 Mathematical Tools for Data Science

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DAT 300, Mathematical Tools for Data Science, provides the mathematical foundation required for modern data science and analytics. Students study linear algebra, calculus, probability, statistics, optimization, vectors, matrices, and mathematical modeling while applying quantitative methods to machine learning and data analysis problems.

Prerequisite(s): MAT 211

Corequisite(s): None

DAT 301 Exploring Data in R and Python

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DAT 301, Exploring Data in R and Python, develops practical programming skills for data analysis using the R and Python programming languages. Students learn data collection, cleaning, transformation, visualization, exploratory data analysis, statistical computing, and reproducible analytical workflows while working with real-world datasets.

Prerequisite(s): DAT 300, CSE 205

Corequisite(s): None

DAT 401 Statistical Modeling and Inference for Data Science

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DAT 401, Statistical Modeling and Inference for Data Science, examines statistical methods used to analyze, interpret, and predict data. Students explore probability distributions, regression analysis, hypothesis testing, generalized linear models, model validation, Bayesian inference, and predictive modeling while applying statistical techniques to complex business and scientific datasets.

Prerequisite(s): DAT 301

Corequisite(s): None

DAT 402 Machine Learning for Data Science

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DAT 402, Machine Learning for Data Science, introduces supervised and unsupervised machine learning techniques used for predictive analytics and intelligent decision-making. Students study classification, regression, clustering, neural networks, model evaluation, feature engineering, and ethical considerations while implementing machine learning algorithms using modern analytical tools.

Prerequisite(s): DAT 401

Corequisite(s): None

DAT 484 Internship

ECTS Credits: 6 | Contact Hours per Week: 0-0-12

DAT 484, Internship, provides supervised professional experience in data science, analytics, business intelligence, or artificial intelligence environments. Students apply theoretical knowledge and technical skills to real-world organizational challenges while developing professional competencies in data analysis, communication, teamwork, ethics, and project execution. The internship concludes with a reflective report and employer evaluation.

Prerequisite(s): Senior Standing; completion of at least 90 credit hours; approval of the School

Corequisite(s): None

DAT 490 Data Science Capstone

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DAT 490, Data Science Capstone, serves as the culminating experience for the Data Science program. Students integrate knowledge from statistics, programming, machine learning, and business analytics to design, implement, and present a comprehensive data science project addressing a real-world organizational or societal problem. Emphasis is placed on project management, teamwork, ethical practice, technical documentation, and professional presentation.

Prerequisite(s): DAT 402; Senior Standing

Corequisite(s): None

DI 1404 Religious Studies

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DI 1404, Religious Studies, introduces the major world religions and their historical development, beliefs, practices, and cultural significance. Students examine the role of religion in shaping civilizations, ethics, politics, society, and intercultural relations while exploring religious diversity, tolerance, freedom of belief, and the interaction between religion and contemporary global issues. Particular attention is given to the historical and cultural context of religion in Central Asia and Uzbekistan, promoting critical thinking, mutual respect, and informed dialogue within multicultural societies.

Prerequisite(s): None

Corequisite(s): None

ECN 211 Macroeconomic Principles

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ECN 211, Macroeconomic Principles, introduces the fundamental concepts of macroeconomics and the functioning of national and global economies. Students examine national income determination, economic growth, inflation, unemployment, fiscal and monetary policy, business cycles, international trade, and exchange rates while analyzing the role of governments and financial institutions in promoting economic stability and sustainable development.

Prerequisite(s): None

Corequisite(s): None

ECN 212 Microeconomic Principles

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ECN 212, Microeconomic Principles, examines the behavior of individuals, households, and firms within market economies. Students explore supply and demand, consumer choice, production theory, market structures, pricing strategies, competition, market failures, and government intervention while applying microeconomic principles to business decision-making and resource allocation.

Prerequisite(s): ECN 211

Corequisite(s): None

ECN 221 Business Statistics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ECN 221, Business Statistics, provides a foundation in statistical methods used for business and economic analysis. Students learn descriptive statistics, probability distributions, sampling techniques, estimation, hypothesis testing, correlation, regression analysis, and data interpretation while applying statistical tools to support evidence-based decision-making in business environments.

Prerequisite(s): MAT 210 or MAT 114

Corequisite(s): None

ECN 306 Survey of International Economics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ECN 306, Survey of International Economics, examines the economic principles governing international trade, finance, and globalization. Students explore comparative advantage, trade theories, trade policies, exchange rate systems, balance of payments, international capital flows, regional economic integration, and global economic institutions while evaluating contemporary issues affecting the world economy.

Prerequisite(s): ECN 211, ECN 212

Corequisite(s): None

ECN 360 Economic Development

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ECN 360, Economic Development, examines the theories, policies, and practices that influence economic growth and sustainable development in developed and developing economies. Students explore poverty reduction, human capital, industrialization, international development, globalization, environmental sustainability, public policy, and the role of international organizations while analyzing development strategies and contemporary global economic challenges.

Prerequisite(s): ECN 306

Corequisite(s): None

ECN 502 Managerial Economics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ECN 502, Managerial Economics, applies economic theory and quantitative analysis to managerial decision-making. Students examine demand and supply analysis, market structures, pricing strategies, production and cost analysis, risk assessment, and macroeconomic factors that influence business performance and strategic planning.

Prerequisite(s): None

Corequisite(s): None

ENG 302 Business Writing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ENG 302, Business Writing, develops advanced written communication skills for professional and organizational settings. Students learn to prepare effective business correspondence, reports, proposals, executive summaries, analytical documents, and professional presentations. The course emphasizes clarity, audience awareness, persuasive communication, and ethical standards in business writing.

Prerequisite(s): AEC 101

Corequisite(s): None

FA 1104 Philosophy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FA 1104, Philosophy, introduces the fundamental concepts, schools, and methods of philosophical inquiry. Students examine classical and contemporary philosophical traditions, logic, ethics, epistemology, metaphysics, and the role of philosophy in understanding society, culture, science, and human values. The course promotes critical thinking, reasoned argumentation, and ethical decision-making.

Prerequisite(s): None

Corequisite(s): None

FIN 300 Fundamentals of Finance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 300, Fundamentals of Finance, introduces the principles of financial management and decision-making within organizations. Students develop an understanding of financial statements, the time value of money, risk and return, financial markets, capital budgeting, working capital management, and sources of business financing. The course emphasizes analytical techniques used in evaluating financial performance and making investment and financing decisions.

Prerequisite(s): ACC 241, ECN 212

Corequisite(s): None

FIN 302 Managerial Finance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 302, Managerial Finance, examines financial decision-making from a managerial perspective. Students apply financial analysis to investment evaluation, capital structure, cash flow forecasting, risk assessment, cost of capital, and strategic financial planning. Practical applications focus on maximizing organizational value through sound financial management.

Prerequisite(s): FIN 300

Corequisite(s): None

FIN 331 Financial Markets and Institutions

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 331, Financial Markets and Institutions, provides an overview of domestic and international financial systems and institutions. Students explore the functions of commercial banks, central banks, investment institutions, securities markets, financial instruments, monetary policy, financial regulation, and the role of financial markets in economic development.

Prerequisite(s): FIN 300

Corequisite(s): None

FIN 361 Advanced Managerial Finance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 361, Advanced Managerial Finance, builds upon fundamental finance concepts through advanced financial analysis and strategic decision-making. Students evaluate capital budgeting projects, mergers and acquisitions, corporate valuation, dividend policy, financial forecasting, and international financial management while applying quantitative methods to complex financial problems.

Prerequisite(s): FIN 302

Corequisite(s): None

FIN 380 Personal Financial Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 380, Personal Financial Management, develops financial literacy and personal wealth management skills. Students examine budgeting, saving, investing, taxation, retirement planning, insurance, credit management, consumer lending, and personal financial planning strategies designed to achieve long-term financial security.

Prerequisite(s): None

Corequisite(s): None

FIN 421 Security Analysis and Portfolio Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 421, Security Analysis and Portfolio Management, examines investment analysis and portfolio management techniques. Students evaluate equity and fixed-income securities, asset allocation strategies, portfolio diversification, risk-return optimization, valuation models, investment performance measurement, and ethical issues in investment management.

Prerequisite(s): FIN 331, FIN 361

Corequisite(s): None

FIN 432 Topics in Financial Technology

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 432, Topics in Financial Technology, explores emerging technologies transforming financial services. Students examine digital banking, blockchain, cryptocurrencies, artificial intelligence in finance, robo-advisory services, payment technologies, regulatory technology (RegTech), cybersecurity, and innovation within modern financial ecosystems.

Prerequisite(s): FIN 331, CIS 404

Corequisite(s): None

FIN 461 Financial Cases and Modelling

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 461, Financial Cases and Modelling, develops advanced financial modelling and analytical skills through real-world business cases. Students construct financial models, perform valuation analyses, analyze investment opportunities, forecast financial performance, evaluate strategic alternatives, and communicate evidence-based financial recommendations.

Prerequisite(s): FIN 361

Corequisite(s): None

FIN 462 FinTech Project Practicum

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 462, FinTech Project Practicum, provides students with an applied learning experience focused on financial technology solutions. Working individually or in teams, students design, develop, and evaluate FinTech applications or digital financial solutions by integrating financial knowledge, data analytics, project management, and emerging technologies while addressing contemporary industry challenges.

Prerequisite(s): FIN 432, FIN 461

Corequisite(s): None

FIN 502 Managerial Finance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 502, Managerial Finance, provides an understanding of financial principles and decision-making techniques used by managers to achieve organizational objectives. Students explore financial statement analysis, capital budgeting, risk and return, working capital management, valuation methods, and financial planning to support strategic business decisions.

Prerequisite(s): None

Corequisite(s): None

FIN 560 International Finance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIN 560, International Finance, examines financial management in the global business environment. Students analyze foreign exchange markets, international investment, multinational capital budgeting, global financial institutions, currency risk management, and the financial challenges faced by multinational organizations operating across international markets.

Prerequisite(s): None

Corequisite(s): None

FIS 201 Innovation in Society

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIS 201, Innovation in Society examines the relationship between innovation, technology, entrepreneurship, and societal development. Students explore how scientific and technological advances influence economic growth, sustainability, public policy, ethics, and global challenges. The course develops critical thinking through the evaluation of innovation ecosystems and the social impacts of emerging technologies.

Prerequisite(s): None

Corequisite(s): None

FMS 351 Emerging Digital Media

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

Digital media ecosystems; social media and politics; digital communication and public discourse; media ethics and regulation; emerging media technologies; case studies of digital transformation.

Prerequisite(s): None

Corequisite(s): None

IAL 503 Applied International Leadership

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IAL 503, Applied International Leadership, develops the knowledge and skills required to lead effectively in diverse international and multicultural environments. Students examine global leadership theories, cross-cultural communication, ethical decision-making, organizational leadership, stakeholder engagement, and strategies for leading teams and managing change across international contexts.

Prerequisite(s): None

Corequisite(s): None

LES 305 Business Law and Ethics for Managers

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LES 305, Business Law and Ethics for Managers, provides an understanding of the legal and ethical principles governing modern business organizations. Students examine contract law, business organizations, employment law, intellectual property, regulatory compliance, corporate governance, consumer protection, and ethical decision-making. The course emphasizes the application of legal frameworks and ethical standards to managerial practice and strategic business decisions in domestic and international contexts.

Prerequisite(s): ECN 212, ACC 241

Corequisite(s): None

LES 582 Ethical Issues for Managers

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LES 582, Ethical Issues for Managers, explores the ethical, legal, and social responsibilities of managers in contemporary organizations. Students examine ethical decision-making frameworks, corporate governance, business law, corporate social responsibility, stakeholder management, and professional integrity to address complex managerial and organizational challenges.

Prerequisite(s): None

Corequisite(s): None

LIN 501 Approaches to Research

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 501, Approaches to Research, introduces qualitative, quantitative, and mixed-methods research approaches used in applied linguistics and language education. Students develop skills in research design, literature review, data collection, data analysis, ethical research practices, and academic writing to prepare for independent research projects.

Prerequisite(s): None

Corequisite(s): None

LIN 510 Linguistics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 510, Linguistics, provides an overview of the scientific study of language, including its structure, function, and use. Students examine phonetics, phonology, morphology, syntax, semantics, pragmatics, and sociolinguistics to develop a foundation for language teaching and linguistic analysis.

Prerequisite(s): None

Corequisite(s): None

LIN 517 History of the English Language

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 517, History of the English Language, examines the historical development of English from its origins to its role as a global language. Students explore linguistic evolution, historical influences, language change, vocabulary development, and the cultural and social factors that have shaped modern English.

Prerequisite(s): None

Corequisite(s): None

LIN 520 Second-Language Acquisition Theory

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 520, Second-Language Acquisition Theory, explores the major theories and research related to second-language learning. Students examine cognitive, linguistic, social, and psychological factors influencing language acquisition and evaluate their implications for effective language teaching and learning.

Prerequisite(s): None

Corequisite(s): None

LIN 521 Methods of Teaching English as a Second Language

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 521, Methods of Teaching English as a Second Language, examines contemporary approaches, methods, and instructional strategies for teaching English to speakers of other languages. Students develop competencies in lesson planning, classroom management, communicative language teaching, instructional materials, and learner assessment.

Prerequisite(s): None

Corequisite(s): None

LIN 522 Grammar for TESL

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 522, Grammar for TESL, provides an in-depth study of English grammar from the perspective of language teaching. Students examine grammatical structures, error analysis, pedagogical grammar, and instructional techniques for teaching grammar effectively to English language learners.

Prerequisite(s): None

Corequisite(s): None

LIN 523 Language Testing and Assessment

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 523, Language Testing and Assessment, explores principles and practices of language assessment in educational settings. Students examine test design, reliability, validity, formative and summative assessment, performance-based evaluation, and assessment strategies that support language learning and instructional improvement.

Prerequisite(s): None

Corequisite(s): None

LIN 524 Curriculum Design

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 524, Curriculum Design, focuses on the development, implementation, and evaluation of English language curricula for diverse educational contexts. Students examine curriculum models, needs analysis, learning outcomes, instructional materials, assessment alignment, and continuous curriculum improvement.

Prerequisite(s): None

Corequisite(s): None

LIN 584 Practicum Internship

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 584, Practicum Internship, provides supervised professional teaching experience in authentic English language learning environments. Students apply TESOL theories and instructional practices through classroom observation, lesson planning, teaching, reflective practice, and professional evaluation to strengthen their teaching competencies.

Prerequisite(s): Completion of Major Core Courses

Corequisite(s): None

LIN 591 Teaching English as an International Language

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 591, Teaching English as an International Language, examines the role of English as a global means of communication and its implications for language teaching. Students explore World Englishes, intercultural communication, global teaching practices, language policy, and inclusive approaches to English language education.

Prerequisite(s): None

Corequisite(s): None

LIN 597 Capstone Project

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

LIN 597, Capstone Project, serves as the culminating experience of the MA in TESOL program by integrating theoretical knowledge and practical teaching skills through an applied research or professional project. Students investigate a significant issue in language education, develop evidence-based solutions, and present their findings in a professional academic format.

Prerequisite(s): Completion of all Major Core Courses

Corequisite(s): None

MAT 114 College Mathematics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 114, College Mathematics, introduces fundamental mathematical concepts required for university-level study. Students develop skills in algebra, functions, equations, inequalities, graphs, exponential and logarithmic functions, and quantitative reasoning while applying mathematics to real-world problems.

Prerequisite(s): None

Corequisite(s): None

MAT 117 College Algebra

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 117, College Algebra, develops algebraic techniques and mathematical reasoning essential for advanced mathematics and applied disciplines. Students study linear, quadratic, polynomial, rational, exponential, and logarithmic functions, systems of equations, and mathematical modeling.

Prerequisite(s): MAT 114

Corequisite(s): None

MAT 119 Finite Mathematics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 119, Finite Mathematics, introduces mathematical methods commonly used in business, economics, and the social sciences. Students examine matrices, systems of linear equations, linear programming, mathematics of finance, probability, logic, sets, and introductory graph theory.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 210 Brief Calculus

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 210, Brief Calculus, introduces differential and integral calculus with emphasis on applications in business, economics, and the life sciences. Students study limits, continuity, derivatives, optimization, integration, and mathematical models used for practical problem-solving.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 211 Mathematics for Business Analysis

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 211, Mathematics for Business Analysis, develops quantitative methods used in business decision-making. Students study functions, matrices, linear programming, probability, financial mathematics, optimization, and introductory calculus with applications to economics, finance, management, and business analytics.

Prerequisite(s): MAT 210 or MAT 117

Corequisite(s): None

MAT 265 Calculus for Engineers I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 265, Calculus for Engineers I, provides a comprehensive introduction to differential calculus for engineering and scientific applications. Students study limits, continuity, derivatives, applications of differentiation, optimization, curve sketching, and introductory integration techniques.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 266 Calculus for Engineers II

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 266, Calculus for Engineers II, continues the study of calculus with emphasis on integral calculus and infinite series. Students examine advanced integration techniques, applications of definite integrals, sequences, series, parametric equations, polar coordinates, and engineering applications.

Prerequisite(s): MAT 265

Corequisite(s): None

MAT 267 Calculus for Engineers III

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 267, Calculus for Engineers III, introduces multivariable calculus and vector analysis for engineering applications. Students study vectors, vector-valued functions, partial derivatives, multiple integrals, line and surface integrals, vector fields, and applications in engineering and physical sciences.

Prerequisite(s): MAT 266

Corequisite(s): None

MAT 343 Applied Linear Algebra

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 343, Applied Linear Algebra, develops advanced concepts of linear algebra with applications in engineering, computer science, data science, artificial intelligence, and business analytics. Students examine matrices, vector spaces, linear transformations, eigenvalues, eigenvectors, orthogonality, matrix decompositions, and computational methods for solving real-world problems.

Prerequisite(s): MAT 243, MAT 266

Corequisite(s): None

MGT 300 Principles of Management and Leadership

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 300, Principles of Management and Leadership, introduces the fundamental principles and practices of management and organizational leadership. Students examine planning, organizing, leading, controlling, decision-making, organizational behavior, motivation, communication, leadership theories, and strategic management. The course emphasizes the development of managerial competencies necessary for leading organizations in dynamic business environments.

Prerequisite(s): ECN 212

Corequisite(s): None

MGT 302 Principles of International Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 302, Principles of International Business, examines the principles and practices of conducting business in the global marketplace. Students explore international trade, foreign direct investment, globalization, cross-cultural management, international marketing, global supply chains, international financial systems, and strategies for managing multinational organizations.

Prerequisite(s): MGT 300, ECN 212

Corequisite(s): None

MGT 380 Management and Strategy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 380, Management and Strategy, develops an understanding of strategic management and competitive decision-making. Students analyze organizational environments, competitive positioning, strategic planning, innovation, business models, organizational performance, and strategic implementation using case studies and real-world business scenarios.

Prerequisite(s): MGT 300

Corequisite(s): None

MGT 400 Cross-Cultural Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 400, Cross-Cultural Management, explores the influence of cultural diversity on organizational performance and international business operations. Students examine intercultural communication, cultural intelligence, global leadership, organizational culture, diversity management, negotiation across cultures, and strategies for leading multicultural teams.

Prerequisite(s): MGT 302

Corequisite(s): None

MGT 411 Leading Organizations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 411, Leading Organizations, focuses on advanced leadership concepts and organizational effectiveness. Students study leadership styles, organizational change, employee engagement, conflict resolution, team development, organizational transformation, ethical leadership, and decision-making in complex organizational settings.

Prerequisite(s): MGT 300, MGT 380

Corequisite(s): None

MGT 420 Human Resource Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 420, Human Resource Management, examines strategic approaches to managing human resources within organizations. Students explore workforce planning, recruitment and selection, performance management, compensation and benefits, employee development, labor relations, employment law, diversity, and talent management aligned with organizational strategy.

Prerequisite(s): MGT 300

Corequisite(s): None

MGT 430 Negotiation

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 430, Negotiation, develops practical negotiation and conflict management skills for business and organizational settings. Students examine negotiation strategies, bargaining techniques, conflict resolution, persuasion, stakeholder analysis, cross-cultural negotiation, ethical considerations, and decision-making through simulations and case studies.

Prerequisite(s): MGT 302, MGT 411

Corequisite(s): None

MGT 502 Organizational Behavior

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 502, Organizational Behavior, examines individual, group, and organizational dynamics that influence workplace performance and effectiveness. Students explore motivation, leadership, team development, organizational culture, communication, conflict management, and decision-making to improve organizational performance in diverse business environments.

Prerequisite(s): None

Corequisite(s): None

MGT 589 Strategic Management (Capstone)

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 589, Strategic Management, serves as the capstone course for the Master of Business Administration program by integrating knowledge from core business disciplines to address complex organizational challenges. Students analyze competitive environments, formulate and implement strategic initiatives, evaluate organizational performance, and develop comprehensive business solutions through case studies and applied strategic projects.

Prerequisite(s): Completion of all Major Core Courses

Corequisite(s): None

MKT 300 Marketing and Business Performance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 300, Marketing and Business Performance, introduces the principles and practices of modern marketing within domestic and international business environments. Students examine consumer behavior, market segmentation, targeting, positioning, product development, pricing, promotion, distribution, and marketing strategy while evaluating how marketing contributes to organizational performance and competitive advantage.

Prerequisite(s): ECN 212

Corequisite(s): None

MKT 302 Strategic Marketing Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 302, Strategic Marketing Management, develops advanced marketing planning and decision-making skills. Students examine competitive analysis, brand positioning, market opportunity assessment, customer relationship management, integrated marketing strategies, digital marketing, and strategic marketing planning using real-world business cases.

Prerequisite(s): MKT 300

Corequisite(s): None

MKT 352 Marketing Research

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 352, Marketing Research, introduces research methodologies used to support marketing decisions. Students study research design, qualitative and quantitative data collection, survey development, sampling techniques, statistical analysis, consumer insights, and presentation of research findings for strategic decision-making.

Prerequisite(s): MKT 300, ECN 221

Corequisite(s): None

MKT 355 Designing Brand Identity: Methods and Digital Tools

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 355, Designing Brand Identity: Methods and Digital Tools, explores the development and management of brand identity using contemporary marketing methods and digital technologies. Students examine branding strategies, visual identity systems, customer experience, digital branding, brand communication, and the use of design tools to build and strengthen organizational brands.

Prerequisite(s): MKT 300

Corequisite(s): None

MKT 365 Advertising and Beyond: Customer-Centric Brand Development

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 365, Advertising and Beyond: Customer-Centric Brand Development, examines advertising strategies and integrated marketing communications focused on customer value creation. Students study advertising planning, digital marketing, media strategy, content development, customer engagement, campaign evaluation, and brand growth across multiple communication channels.

Prerequisite(s): MKT 300

Corequisite(s): None

MKT 370 Professional Sales and Relationship Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 370, Professional Sales and Relationship Management, develops professional selling techniques and customer relationship management skills. Students examine consultative selling, negotiation, customer acquisition, account management, relationship marketing, sales planning, sales analytics, and ethical sales practices.

Prerequisite(s): MKT 300

Corequisite(s): None

MKT 375 Services Marketing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 375, Services Marketing, examines marketing principles and strategies specific to service organizations. Students study service quality, customer experience management, service design, customer satisfaction, service recovery, relationship marketing, and digital service delivery within competitive service industries.

Prerequisite(s): MKT 300

Corequisite(s): None

MKT 390 Essentials of Marketing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 390, Essentials of Marketing, provides a comprehensive overview of marketing concepts and their application in contemporary organizations. Students explore consumer behavior, product strategy, pricing, promotion, distribution channels, digital marketing, market analysis, and ethical considerations in marketing decision-making.

Prerequisite(s): MGT 300

Corequisite(s): None

MKT 402 Consumer Behavior

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 402, Consumer Behavior, examines the psychological, social, and cultural factors influencing consumer decision-making. Students analyze consumer motivation, perception, attitudes, purchasing behavior, market segmentation, behavioral analytics, and customer experience to develop effective marketing strategies.

Prerequisite(s): MKT 302, MKT 352

Corequisite(s): None

MKT 435 Entrepreneurial Marketing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 435, Entrepreneurial Marketing, explores innovative marketing approaches used by entrepreneurial ventures and growing organizations. Students examine opportunity recognition, market validation, growth strategies, digital marketing, lean marketing, customer acquisition, innovation, and marketing resource optimization for startups and small businesses.

Prerequisite(s): MKT 302, MGT 302

Corequisite(s): None

MKT 484 Internship

ECTS Credits: 6 | Contact Hours per Week: 0-0-15

MKT 484, Internship, provides supervised professional experience in marketing or related business environments. Students apply academic knowledge to practical workplace challenges while developing professional competencies in marketing, communication, customer engagement, strategic planning, and organizational effectiveness. Students complete assigned projects under faculty and workplace supervision and submit reflective and analytical reports evaluating their professional learning outcomes.

Prerequisite(s): Senior Standing; Approval of the School; Completion of major core courses

Corequisite(s): None

MKT 502 Marketing Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MKT 502, Marketing Management, examines the principles and practices of developing, implementing, and evaluating marketing strategies in competitive business environments. Students explore consumer behavior, market segmentation, product and brand management, pricing, distribution, promotion, and integrated marketing strategies to create and sustain customer value.

Prerequisite(s): None

Corequisite(s): None

OGL 200 Introduction to Organizational Leadership

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

OGL 200, Introduction to Organizational Leadership, introduces the fundamental concepts, theories, and practices of leadership within modern organizations. Students examine leadership styles, organizational behavior, communication, team dynamics, ethical leadership, motivation, decision-making, and organizational effectiveness. The course develops foundational leadership skills for managing individuals and teams in diverse organizational environments.

Prerequisite(s): None

Corequisite(s): None

OGL 220 Behavioral Dynamics in Organizations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

OGL 220, Behavioral Dynamics in Organizations, examines individual and group behavior within organizational settings. Students explore motivation, personality, perception, organizational culture, teamwork, leadership, communication, conflict management, diversity, and change management to improve organizational performance and employee effectiveness.

Prerequisite(s): OGL 200 or PSY 101

Corequisite(s): None

OGL 260 Resource Allocation in Organizations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

OGL 260, Resource Allocation in Organizations, develops an understanding of strategic resource planning and allocation in organizations. Students examine budgeting, financial and human resource allocation, operational planning, project prioritization, performance measurement, decision analysis, and resource optimization to support organizational goals and sustainable business growth.

Prerequisite(s): OGL 200, ACC 241

Corequisite(s): None

PHI 105 Introduction to Ethics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PHI 105, Introduction to Ethics, introduces the major theories, principles, and applications of ethical reasoning. Students examine moral philosophy, ethical decision-making, justice, responsibility, human rights, professional ethics, and contemporary ethical issues affecting individuals, organizations, and society. The course develops critical thinking and ethical judgment through the analysis of real-world dilemmas across business, technology, engineering, and public life.

Prerequisite(s): None

Corequisite(s): None

PHI 360 Business and Professional Ethics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PHI 360, Business and Professional Ethics, examines ethical principles and professional responsibilities within contemporary organizations. Students explore corporate governance, ethical leadership, corporate social responsibility, stakeholder management, sustainability, legal compliance, ethical decision-making, and emerging ethical challenges in business and technology. Through case studies and practical applications, students develop frameworks for resolving ethical issues in professional practice.

Prerequisite(s): PHI 105, MGT 300

Corequisite(s): None

POS 160 Global Politics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 160, Global Politics, introduces the study of political systems, international actors, and global governance. Students examine the foundations of comparative politics, diplomacy, international organizations, conflict, cooperation, and the impact of political institutions on global affairs.

Prerequisite(s): None

Corequisite(s): None

POS 300 Contemporary Global Controversies

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 300, Contemporary Global Controversies, examines major political, economic, environmental, and security challenges affecting the international community. Students analyze current global issues, competing perspectives, policy responses, and the role of governments and international organizations in addressing complex global problems.

Prerequisite(s): POS 160

Corequisite(s): None

POS 301 Empirical Political Inquiry

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 301, Empirical Political Inquiry, introduces research methods used in political science and international relations. Students develop skills in research design, data collection, qualitative and quantitative analysis, interpretation of political evidence, and policy-oriented research.

Prerequisite(s): POS 160

Corequisite(s): None

POS 325 Public Policy Development

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 325, Public Policy Development, explores the processes through which public policies are formulated, implemented, and evaluated. Students examine policy analysis, stakeholder engagement, governance structures, decision-making models, and policy effectiveness in domestic and international contexts.

Prerequisite(s): POS 160

Corequisite(s): None

POS 350 Comparative Politics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 350, Comparative Politics, examines political institutions, governance systems, and political behavior across different countries. Students compare democratic and non-democratic systems, political development, public administration, elections, and state-society relations.

Prerequisite(s): POS 160

Corequisite(s): None

POS 368 Ethics and Human Rights

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 368, Ethics and Human Rights, explores ethical theories and international human rights frameworks that shape public policy and global governance. Students examine civil liberties, humanitarian issues, social justice, international law, and ethical decision-making in global affairs.

Prerequisite(s): POS 300

Corequisite(s): None

POS 370 Law and Society

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 370, Law and Society, examines the relationship between legal systems, political institutions, and social change. Students explore constitutional principles, legal processes, public policy, justice systems, and the influence of law on economic and social development.

Prerequisite(s): POS 160

Corequisite(s): None

POS 401 Political Statistics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 401, Political Statistics, develops statistical analysis skills for political and policy research. Students apply descriptive and inferential statistics, hypothesis testing, regression analysis, and statistical software to analyze political, economic, and social data.

Prerequisite(s): POS 301, ECN 221 or STP 226

Corequisite(s): None

POS 465 International Organization and Law

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 465, International Organization and Law, examines the legal foundations, structures, and functions of international organizations. Students study the United Nations system, international treaties, dispute resolution, global governance, and international legal institutions.

Prerequisite(s): POS 300

Corequisite(s): None

POS 466 Migration, Environment and Global Security

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 466, Migration, Environment and Global Security, explores the relationships between environmental change, migration, humanitarian crises, and international security. Students analyze climate-induced migration, refugee protection, sustainable development, and global security policy.

Prerequisite(s): POS 300

Corequisite(s): None

POS 467 International Security

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 467, International Security, examines traditional and emerging security challenges including armed conflict, terrorism, cyber threats, energy security, and geopolitical competition. Students evaluate security strategies, defense policies, and international cooperation mechanisms.

Prerequisite(s): POS 300

Corequisite(s): None

POS 480 Global Justice

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 480, Global Justice, investigates theories of justice and their application to international affairs. Students examine human rights, global inequality, poverty, migration, development, environmental justice, and ethical responsibilities in international policymaking.

Prerequisite(s): POS 368

Corequisite(s): None

POS 486 International Political Economy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

POS 486, International Political Economy, explores the interaction between politics and economics in the global system. Students examine international trade, finance, globalization, development, economic governance, regional integration, and the role of international economic institutions.

Prerequisite(s): POS 300, ECN 306

Corequisite(s): None

PRM 120 Leisure and Quality of Life

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PRM 120, Leisure and Quality of Life, introduces the concepts, theories, and practices of leisure, recreation, and quality of life. Students examine the social, cultural, psychological, and economic significance of leisure activities while exploring recreation planning, wellness, community engagement, and sustainable leisure development.

Prerequisite(s): None

Corequisite(s): None

PRM 145 Special Events Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PRM 145, Special Events Management, provides an introduction to the planning, organization, and management of special events. Students explore event design, budgeting, marketing, logistics, sponsorship, risk management, and evaluation while developing practical skills required to organize successful corporate, cultural, recreational, and tourism events.

Prerequisite(s): PRM 120

Corequisite(s): None

PRM 203 Program Planning

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PRM 203, Program Planning, develops the knowledge and skills required to design, implement, and evaluate recreation, leisure, tourism, and community programs. Students learn needs assessment, program development, budgeting, scheduling, resource management, marketing strategies, and program evaluation to create effective and sustainable services for diverse populations.

Prerequisite(s): PRM 145

Corequisite(s): None

PSY 101 Introduction to Psychology

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PSY 101, Introduction to Psychology, provides an overview of the scientific study of human behavior and mental processes. Students examine biological, cognitive, developmental, social, and emotional aspects of psychology while exploring learning, motivation, personality, perception, memory, psychological disorders, and research methods. The course develops critical thinking and an understanding of psychological principles applicable to personal, academic, and professional settings.

Prerequisite(s): None

Corequisite(s): None

SCM 200 Society, Supply Chains

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 200, Society, Supply Chains, introduces the role of supply chains in supporting economic development, sustainability, and global commerce. Students examine supply chain structures, stakeholder relationships, ethical sourcing, environmental responsibility, resilience, and the social impact of logistics and operations in modern organizations.

Prerequisite(s): None

Corequisite(s): None

SCM 245 Logistics Systems and Transportation Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 245, Logistics Systems and Transportation Management, provides an introduction to logistics operations and transportation systems. Students explore transportation modes, distribution networks, inventory movement, warehouse operations, freight management, routing, logistics planning, and performance measurement within domestic and international supply chains.

Prerequisite(s): SCM 200

Corequisite(s): None

SCM 300 Global Supply Operations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 300, Global Supply Operations, examines the planning and management of global supply chain operations. Students study procurement, production planning, inventory control, sourcing strategies, capacity planning, international logistics, and operational performance improvement while developing analytical approaches to supply chain decision-making.

Prerequisite(s): ACC 231,232 or 261; CIS 105,236 or CON 251; ECN 221,231 or STP 226,280; MAT 210,251,265 or 270

Corequisite(s): None

SCM 315 Supply Chain Analytics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 315, Supply Chain Analytics, develops analytical techniques used to improve supply chain performance and operational decision-making. Students apply quantitative methods, business intelligence tools, forecasting, optimization models, data visualization, and performance metrics to analyze logistics and supply chain processes.

Prerequisite(s): SCM 300, ECN 221

Corequisite(s): None

SCM 345 Logistics Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 345, Logistics Management, focuses on the strategic management of logistics activities across integrated supply chains. Students examine warehouse management, transportation planning, distribution systems, inventory optimization, customer service, logistics technologies, and global logistics strategies.

Prerequisite(s): SCM 300

Corequisite(s): None

SCM 354 Procurement of Services

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 354, Procurement of Services, examines procurement strategies for service-based organizations. Students explore supplier selection, contract management, sourcing processes, negotiation techniques, procurement regulations, supplier relationship management, and performance evaluation to support organizational objectives.

Prerequisite(s): SCM 300

Corequisite(s): None

SCM 355 Procurement and Supply Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 355, Procurement and Supply Management, provides an in-depth study of purchasing and supply management functions within global organizations. Students analyze sourcing strategies, supplier evaluation, procurement planning, contract administration, strategic partnerships, cost management, and ethical procurement practices.

Prerequisite(s): SCM 300

Corequisite(s): None

SCM 380 Supply Chain Management Foundations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 380, Supply Chain Management Foundations, introduces the core concepts, principles, and strategic importance of supply chain management. Students examine integrated logistics, procurement, inventory management, production planning, distribution systems, customer relationship management, and supply chain performance measurement.

Prerequisite(s): MGT 300

Corequisite(s): None

SCM 432 Operations Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 432, Operations Management, focuses on planning, controlling, and improving organizational operations. Students study process design, quality management, capacity planning, forecasting, scheduling, lean operations, continuous improvement, and operational excellence in manufacturing and service organizations.

Prerequisite(s): SCM 315, SCM 345

Corequisite(s): None

SCM 455 Research and Negotiation

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 455, Research and Negotiation, develops advanced research, analytical, and negotiation skills applicable to procurement and supply chain management. Students examine negotiation strategies, supplier relationships, market analysis, contract negotiations, conflict resolution, and evidence-based decision-making.

Prerequisite(s): SCM 355

Corequisite(s): None

SCM 463 Global Supply Chain Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 463, Global Supply Chain Management, examines the management of international supply chains in a global business environment. Students explore global sourcing, international logistics, trade regulations, risk management, supply chain resilience, digital technologies, sustainability, and cross-border operations.

Prerequisite(s): SCM 432

Corequisite(s): None

SCM 479 Supply Chain Strategy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 479, Supply Chain Strategy, integrates strategic concepts for designing, managing, and optimizing competitive supply chains. Students evaluate supply chain networks, strategic sourcing, digital transformation, sustainability initiatives, performance management, and long-term organizational competitiveness.

Prerequisite(s): SCM 463

Corequisite(s): None

SCM 502 Operations and Supply Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 502, Operations and Supply Management, provides graduate-level study of operations and supply management. Students analyze strategic operations planning, integrated supply networks, process optimization, demand management, operational risk, digital supply chains, and organizational performance improvement.

Prerequisite(s): Graduate Standing or Department Approval

Corequisite(s): None

SCM 516 Descriptive and Predictive Analytics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 516, Descriptive and Predictive Analytics, examines analytical methods for understanding historical data and forecasting future business outcomes. Students develop competencies in descriptive statistics, predictive modeling, data mining, trend analysis, and forecasting techniques to support strategic and operational decision-making.

Prerequisite(s): None

Corequisite(s): None

SCM 517 Business Process Analytics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 517, Business Process Analytics, explores the application of data analytics to evaluate, optimize, and improve business processes. Students examine process mapping, performance measurement, workflow analysis, process mining, and continuous improvement strategies to enhance organizational efficiency and effectiveness.

Prerequisite(s): None

Corequisite(s): None

SCM 518 Analytical Decision Modeling

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 518, Analytical Decision Modeling, introduces quantitative models and analytical techniques for solving complex business problems. Students develop skills in optimization, simulation, decision analysis, resource allocation, and mathematical modeling to support evidence-based managerial decision-making.

Prerequisite(s): None

Corequisite(s): None

SCM 519 Quantitative Risk Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 519, Quantitative Risk Management, examines quantitative methods for identifying, measuring, and managing organizational risks. Students explore risk assessment models, probability analysis, statistical techniques, scenario analysis, financial and operational risk evaluation, and data-driven strategies for effective risk management.

Prerequisite(s): None

Corequisite(s): None

SCM 520 Strategic Procurement (Elective)

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 520, Strategic Procurement, explores advanced procurement strategies that create organizational value through strategic sourcing and supplier collaboration. Students examine procurement innovation, supplier development, global sourcing, contract strategy, procurement technologies, sustainability, and strategic decision-making.

Prerequisite(s): SCM 502

Corequisite(s): None

SCM 541 Logistics in the Supply Chain

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 541, Logistics in the Supply Chain, examines advanced logistics systems supporting integrated supply chains. Students study transportation strategy, warehouse optimization, international logistics, distribution network design, digital logistics technologies, performance measurement, and sustainable logistics practices.

Prerequisite(s): SCM 502

Corequisite(s): None

SCM 587 Project Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SCM 587, Project Management, provides advanced knowledge of project planning, execution, monitoring, and control within business and supply chain environments. Students develop competencies in project scheduling, budgeting, resource allocation, risk management, stakeholder communication, leadership, and project evaluation using internationally recognized project management practices.

Prerequisite(s): SCM 502

Corequisite(s): None

SGS 101 Thinking Globally

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 101, Thinking Globally, introduces students to global issues, international perspectives, and cross-cultural understanding. Students examine globalization, international development, global citizenship, sustainability, and the interconnected political, economic, social, and environmental challenges shaping the contemporary world.

Prerequisite(s): None

Corequisite(s): None

SGS 204 Professional Global Career Development

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 204, Professional Global Career Development, prepares students for careers in international organizations, diplomacy, and global industries. Students develop professional communication, leadership, intercultural competence, career planning, networking, personal branding, and workplace readiness for global environments.

Prerequisite(s): SGS 101

Corequisite(s): None

SGS 303 Global Trends

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 303, Global Trends, examines emerging political, economic, technological, demographic, and environmental trends influencing international affairs and public policy. Students analyze contemporary global challenges using data-driven approaches and develop strategic perspectives on future global developments.

Prerequisite(s): POS 160, SGS 101

Corequisite(s): None

SGS 321 International Institutions and Global Governance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 321, International Institutions and Global Governance, explores the structure, functions, and effectiveness of international organizations and global governance systems. Students examine the roles of the United Nations, regional organizations, international law, multilateral cooperation, and global policy-making in addressing transnational issues.

Prerequisite(s): POS 300, SGS 303

Corequisite(s): None

SGS 350 Economic Development and Globalization

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 350, Economic Development and Globalization, examines theories and practices of economic development within the context of globalization. Students analyze international trade, foreign investment, sustainable development, poverty reduction, global inequality, and public policy approaches to economic growth.

Prerequisite(s): ECN 306, SGS 303

Corequisite(s): None

SGS 370 Geopolitics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 370, Geopolitics, examines the influence of geography, power, natural resources, and strategic interests on international relations. Students analyze regional conflicts, security issues, foreign policy strategies, emerging global powers, and geopolitical developments affecting the international system.

Prerequisite(s): POS 350, SGS 321

Corequisite(s): None

SGS 379 The Resource Curse

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 379, The Resource Curse, explores the political, economic, and social consequences of natural resource dependence. Students examine governance challenges, resource management, corruption, conflict, sustainable development, and international case studies involving resource-rich countries.

Prerequisite(s): SGS 350

Corequisite(s): None

SGS 494 Diplomacy / Policy Design Studio (Capstone)

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SGS 494, Diplomacy / Policy Design Studio (Capstone), serves as the culminating experience for students in International Relations and Diplomacy. Working individually and in teams, students integrate knowledge from diplomacy, international relations, political science, economics, and public policy to analyze real-world international challenges, design evidence-based policy solutions, prepare professional policy briefs, and present recommendations to academic and professional audiences.

Prerequisite(s): Senior Standing; POS 465, POS 486, SGS 370

Corequisite(s): None

SOC 101 Introduction to Sociology

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SOC 101, Introduction to Sociology, introduces students to the scientific study of society, social institutions, and human behavior in social contexts. Students examine sociological theories, culture, socialization, diversity, inequality, social change, globalization, and the influence of social structures on individuals and communities while developing analytical perspectives on contemporary social issues.

Prerequisite(s): None

Corequisite(s): None

SOC 334 Technology and Society

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SOC 334, Technology and Society, examines the relationship between technological innovation and social change. Students explore the social, cultural, political, economic, and ethical implications of emerging technologies, including artificial intelligence, digital transformation, automation, social media, cybersecurity, and data governance. The course develops critical thinking regarding the opportunities and challenges of technology in shaping individuals, organizations, and societies.

Prerequisite(s): SOC 101

Corequisite(s): None

SOS 100 Introduction to Sustainability

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SOS 100, Introduction to Sustainability, introduces the fundamental principles of sustainable development and their application to environmental, social, and economic systems. Students examine global sustainability challenges, resource management, climate change, responsible consumption, sustainable business practices, and the United Nations Sustainable Development Goals (SDGs).

Prerequisite(s): None

Corequisite(s): None

SOS 110 Sustainable World

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SOS 110, Sustainable World, examines contemporary global sustainability issues from interdisciplinary perspectives. Students explore environmental stewardship, sustainable economic development, social responsibility, circular economy principles, climate policy, and strategies for achieving sustainable development in business, government, and society.

Prerequisite(s): SOS 100

Corequisite(s): None

STP 226 Elements of Statistics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

STP 226, Elements of Statistics, introduces the fundamental concepts and methods of statistical analysis. Students study descriptive statistics, probability distributions, sampling techniques, hypothesis testing, confidence intervals, correlation, regression, and data interpretation using statistical software to support evidence-based decision-making in business and social sciences.

Prerequisite(s): MAT 210 or MAT 117

Corequisite(s): None

TAM 505 Navigating Global and Regional Business Environments

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TAM 505, Navigating Global and Regional Business Environments, examines the complex economic, political, cultural, and institutional factors shaping global and regional business operations. Students explore international markets, regional business dynamics, geopolitical influences, trade environments, and strategic approaches for managing organizations in an interconnected global economy.

Prerequisite(s): None

Corequisite(s): None

TAM 511 Global Accounting: Managing with Numbers

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TAM 511, Global Accounting: Managing with Numbers, provides graduate-level knowledge of accounting principles used in global business decision-making. Students examine financial statements, managerial accounting, budgeting, performance measurement, financial analysis, and the strategic use of accounting information in international organizations.

Prerequisite(s): None

Corequisite(s): None

TAM 530 Data Analytics and Digital Transformation in a Global World

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TAM 530, Data Analytics and Digital Transformation in a Global World, explores how organizations leverage data analytics and digital technologies to drive innovation and competitive advantage. Students examine business intelligence, digital transformation strategies, artificial intelligence applications, data-driven decision-making, and emerging technologies in the global business environment.

Prerequisite(s): None

Corequisite(s): None

TAM 541 Strategy in a Competitive World (Capstone Course)

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TAM 541, Strategy in a Competitive World, is a capstone course that integrates strategic management concepts and business knowledge acquired throughout the program. Students analyze complex organizational challenges, evaluate competitive environments, develop strategic solutions, and apply analytical frameworks to create sustainable business strategies in global markets.

Prerequisite(s): Completion of all Major Core Courses

Corequisite(s): None

TAM 542 Global Leadership and Personal Development

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TAM 542, Global Leadership and Personal Development, develops advanced leadership competencies for managing diverse organizations in an international environment. Students examine leadership theories, organizational behavior, intercultural communication, ethical leadership, emotional intelligence, strategic decision-making, and professional development within global contexts.

Prerequisite(s): None

Corequisite(s): None

TAM 557 Global Marketing in Digital Age

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TAM 557, Global Marketing in Digital Age, examines contemporary marketing strategies in digitally connected global markets. Students explore digital marketing, consumer analytics, social media strategy, branding, international market expansion, e-commerce, customer engagement, and data-driven marketing decision-making.

Prerequisite(s): None

Corequisite(s): None

TAM 582 Communicating & Negotiating in a Dynamic World

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TAM 582, Communicating & Negotiating in a Dynamic World, develops advanced communication and negotiation skills essential for effective leadership and collaboration in multicultural and rapidly changing business environments. Students explore negotiation strategies, conflict resolution, cross-cultural communication, stakeholder management, and professional communication practices.

Prerequisite(s): None

Corequisite(s): None

TDM 205 Introduction to Travel and Tourism

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 205, Introduction to Travel and Tourism, provides a comprehensive overview of the global tourism industry and its economic, social, cultural, and environmental significance. Students examine tourism systems, travel markets, destination development, tourism organizations, sustainable tourism principles, and current industry trends while developing an understanding of tourism operations and visitor experiences.

Prerequisite(s): None

Corequisite(s): None

TDM 225 Introduction to Hotel, Resort and Lodging Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 225, Introduction to Hotel, Resort and Lodging Management, introduces the principles and practices of hospitality management. Students explore hotel operations, guest services, front office management, housekeeping, food and beverage coordination, revenue management, customer satisfaction, and quality standards within hotels, resorts, and lodging establishments.

Prerequisite(s): None

Corequisite(s): None

TDM 345 Meeting and Convention Planning

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 345, Meeting and Convention Planning, examines the planning, organization, and management of meetings, conferences, exhibitions, and special events. Students develop competencies in venue selection, budgeting, logistics, stakeholder coordination, risk management, marketing, and event evaluation using industry best practices.

Prerequisite(s): None

Corequisite(s): None

TDM 350 Tourism, Recreation and Sports Marketing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 350, Tourism, Recreation and Sports Marketing, explores marketing strategies for tourism destinations, recreational services, and sports organizations. Students analyze consumer behavior, branding, digital marketing, destination promotion, market segmentation, sponsorship, and customer engagement within the tourism and recreation industries.

Prerequisite(s): MKT 390

Corequisite(s): None

TDM 386 Convention Sales and Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 386, Convention Sales and Management, focuses on the sales, planning, and operational management of conventions and large-scale business events. Students examine sales techniques, client relationship management, contract negotiation, event operations, financial planning, and post-event evaluation within the meetings and conventions industry.

Prerequisite(s): TDM 345

Corequisite(s): None

TDM 448 Heritage and Cultural Tourism

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 448, Heritage and Cultural Tourism, examines the role of cultural heritage, traditions, and historical resources in tourism development. Students explore heritage conservation, destination interpretation, cultural sustainability, community engagement, and responsible tourism practices while evaluating global and regional heritage destinations.

Prerequisite(s):

Corequisite(s): None

TDM 458 International Tourism

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 458, International Tourism, analyzes international tourism systems, global travel markets, destination competitiveness, tourism policy, cross-cultural management, international regulations, and emerging trends affecting the global tourism industry. Students evaluate strategies for sustainable growth and international tourism development.

Prerequisite(s): TDM 350

Corequisite(s): None

TDM 475 Entrepreneurial Recreation and Tourism

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 475, Entrepreneurial Recreation and Tourism, develops entrepreneurial competencies for creating and managing recreation and tourism ventures. Students explore opportunity recognition, business model development, innovation, financing, marketing strategies, operational planning, and sustainable entrepreneurship within the tourism sector.

Prerequisite(s): MGT 380

Corequisite(s): None

TDM 480 Sustainable Tourism

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 480, Sustainable Tourism, examines sustainable tourism development through environmental stewardship, social responsibility, economic viability, and destination management. Students evaluate tourism policies, sustainable planning frameworks, climate impacts, responsible visitor management, and international sustainability standards for tourism destinations.

Prerequisite(s): None

Corequisite(s): None

TDM 483 Sports Tourism

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TDM 483, Sports Tourism, explores the planning, management, and economic impact of sports-related tourism. Students examine sporting events, destination marketing, event logistics, sponsorship, facility management, fan engagement, and the contribution of sports tourism to regional and international destination development.

Prerequisite(s): TDM 350

Corequisite(s): None

TEM 200 My Technology Venture

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TEM 200, My Technology Venture, introduces students to the entrepreneurial process of transforming innovative ideas into technology-based ventures. Students explore opportunity recognition, customer discovery, value proposition design, business model development, market validation, and entrepreneurial thinking while developing a foundation for technology entrepreneurship.

Prerequisite(s): None

Corequisite(s): None

TEM 230 Creativity and Business Innovation

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TEM 230, Creativity and Business Innovation, develops creative problem-solving and innovation skills for modern organizations. Students examine design thinking, innovation frameworks, idea generation, opportunity evaluation, product innovation, organizational creativity, and innovation management through practical business applications and collaborative projects.

Prerequisite(s): None

Corequisite(s): None

TEM 400 Technology Entrepreneurship

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TEM 400, Technology Entrepreneurship, focuses on launching and managing technology-driven ventures in competitive markets. Students examine venture creation, technology commercialization, startup financing, intellectual property, strategic planning, growth strategies, investor relations, and entrepreneurial leadership while developing business plans for innovative enterprises.

Prerequisite(s): TEM 230, MGT 300

Corequisite(s): None

TEM 431 Innovation Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TEM 431, Innovation Management, examines the management of innovation within organizations to achieve sustainable competitive advantage. Students explore innovation strategy, product and service development, organizational change, technology management, innovation ecosystems, research and development, and leadership practices that foster continuous innovation.

Prerequisite(s): TEM 400

Corequisite(s): None

TEM 455 Global Impact Entrepreneurship

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TEM 455, Global Impact Entrepreneurship, explores entrepreneurial approaches that address global social, economic, and environmental challenges through innovative business solutions. Students examine sustainable entrepreneurship, social innovation, impact measurement, international venture development, ethical leadership, and strategies for creating scalable ventures with global impact.

Prerequisite(s): None

Corequisite(s): None

TGM 101 Principles of Global Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 101, Principles of Global Management, introduces the fundamentals of management within a global business environment. Students examine management functions, organizational structures, leadership, strategic planning, decision-making, globalization, ethics, and sustainability while developing an understanding of contemporary management practices.

Prerequisite(s): None

Corequisite(s): None

TGM 200 Principles of Accounting for Global Organizations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 200, Principles of Accounting for Global Organizations, introduces financial and managerial accounting concepts used by international organizations. Students explore financial statements, accounting principles, budgeting, cost analysis, financial reporting, and decision-making within global business environments.

Prerequisite(s): None

Corequisite(s): None

TGM 204 Principles of Marketing for Global Organizations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 204, Principles of Marketing for Global Organizations, provides an introduction to marketing concepts and strategies in international markets. Students examine consumer behavior, market segmentation, branding, digital marketing, product development, pricing, promotion, and distribution from a global perspective.

Prerequisite(s): None

Corequisite(s): None

TGM 300 Principles of Finance for Global Organizations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 300, Principles of Finance for Global Organizations, examines financial management principles applied to international organizations. Students study financial analysis, capital budgeting, investment decisions, risk management, financial markets, and global financial strategies supporting organizational performance.

Prerequisite(s): TGM 200

Corequisite(s): None

TGM 310 Supply Chain Operations for Global Organizations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 310, Supply Chain Operations for Global Organizations, explores the design and management of global supply chains. Students examine procurement, logistics, inventory management, production planning, supplier relationships, distribution systems, and technology applications supporting international operations.

Prerequisite(s): TGM 200, ECN 211

Corequisite(s): None

TGM 312 Big Data in the Global Economy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 312, Big Data in the Global Economy, introduces the application of data analytics in international business and economic decision-making. Students examine big data technologies, business intelligence, predictive analytics, data visualization, digital transformation, and ethical data management within global organizations.

Prerequisite(s): CIS 310

Corequisite(s): None

TGM 353 Regional Management Environment

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 353, Regional Management Environment, examines regional economic systems, business environments, institutional frameworks, and cultural factors influencing management decisions. Students analyze regional integration, international trade, investment climates, and management strategies across different global regions.

Prerequisite(s): MGT 302

Corequisite(s): None

TGM 391 Global Business and Professional Development Skills

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 391, Global Business and Professional Development Skills, prepares students for successful careers in international organizations. Students develop professional communication, leadership, teamwork, intercultural competence, networking, career planning, ethical decision-making, and workplace professionalism within global business settings.

Prerequisite(s): None

Corequisite(s): None

TGM 430 International Trade and Regional Economic Agreements

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 430, International Trade and Regional Economic Agreements, explores international trade theory, trade policies, regional economic integration, free trade agreements, customs unions, and global trade institutions. Students evaluate the economic and strategic impacts of international trade on businesses and governments.

Prerequisite(s): ECN 306

Corequisite(s): None

TGM 460 Global Risk Assessment and Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 460, Global Risk Assessment and Management, examines the identification, assessment, and management of risks affecting multinational organizations. Students analyze political, financial, operational, legal, environmental, and cybersecurity risks while developing enterprise risk management strategies.

Prerequisite(s): TGM 300, MGT 380

Corequisite(s): None

TGM 468 States and Markets in a Global Economy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 468, States and Markets in a Global Economy, examines the interaction between governments, markets, international institutions, and multinational enterprises. Students analyze economic policy, regulation, globalization, international competitiveness, and public-private relationships influencing the global economy.

Prerequisite(s): None

Corequisite(s): None

TGM 478 Cross-Cultural Communication and Negotiation

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 478, Cross-Cultural Communication and Negotiation, develops communication and negotiation skills for multicultural business environments. Students examine intercultural communication, conflict resolution, international negotiations, leadership styles, cultural intelligence, and relationship management across global organizations.

Prerequisite(s): COM 263, MGT 302

Corequisite(s): None

TGM 484 Internship

ECTS Credits: 6 | Contact Hours per Week: 0-0-6

TGM 484, Internship, provides supervised professional experience within international business, trade, or management organizations. Students apply classroom knowledge in professional settings while developing practical skills, ethical judgment, leadership abilities, and career readiness through structured workplace learning.

Prerequisite(s): Senior Standing; Department Approval

Corequisite(s): None

TGM 487 Global Entrepreneurship

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 487, Global Entrepreneurship, explores entrepreneurial opportunities within international markets. Students develop competencies in opportunity recognition, international venture creation, innovation management, global market entry, financing strategies, and sustainable business growth.

Prerequisite(s): MGT 380

Corequisite(s): None

TGM 489 Multinational Organizational Leadership

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 489, Multinational Organizational Leadership, examines leadership strategies for multinational organizations. Students explore strategic leadership, organizational behavior, global team management, change management, ethical leadership, cultural intelligence, and decision-making in international business contexts.

Prerequisite(s): None

Corequisite(s): None

TGM 490 Elective

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 490, Elective, provides students with the opportunity to study advanced topics in global management based on faculty expertise, emerging industry trends, or specialized areas of international business. Topics may vary and emphasize applied learning, research, and professional development.

Prerequisite(s): Junior Standing or Department Approval

Corequisite(s): None

TGM 498 Capstone

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 498, Capstone, serves as the culminating academic experience in the Global Management program. Students integrate knowledge from management, finance, marketing, economics, international trade, and leadership to analyze complex business challenges and develop strategic solutions through a comprehensive applied project.

Prerequisite(s): Completion of all Major Core Courses

Corequisite(s): None

TGM 507 Global Organizational Consulting

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 507, Global Organizational Consulting, introduces students to consulting frameworks and methodologies for diagnosing and solving complex organizational challenges in global environments. Students develop skills in organizational analysis, stakeholder engagement, consulting practices, change recommendations, and the delivery of strategic solutions for international organizations.

Prerequisite(s): None

Corequisite(s): None

TGM 547 Leading Change and Transformation in a Global Environment

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 547, Leading Change and Transformation in a Global Environment, examines theories, models, and practices for managing organizational change in dynamic global contexts. Students explore leadership approaches, transformation strategies, innovation management, resistance to change, and methods for successfully implementing organizational improvements.

Prerequisite(s): None

Corequisite(s): None

TGM 551 Global Marketing Strategy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 551, Global Marketing Strategy, focuses on the development and implementation of marketing strategies for international markets. Students examine global consumer behavior, market analysis, competitive positioning, international branding, digital marketing approaches, and strategic decision-making for achieving sustainable global market growth.

Prerequisite(s): None

Corequisite(s): None

TGM 586 Global Entrepreneurship and Sustainable Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 586, Global Entrepreneurship and Sustainable Business, explores entrepreneurial opportunities, innovation processes, and sustainable business models within global markets. Students develop competencies in opportunity recognition, venture creation, entrepreneurial strategy, impact-driven business practices, and managing sustainable growth in international environments.

Prerequisite(s): None

Corequisite(s): None

TGM 598 Analytics and Machine Learning for Global Business

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 598, Analytics and Machine Learning for Global Business, introduces analytical techniques and machine learning applications that support decision-making in international business environments. Students develop competencies in predictive analytics, data modeling, machine learning concepts, business intelligence, and data-driven strategies for solving complex global business challenges.

Prerequisite(s): None

Corequisite(s): None

TGM 598 Blockchain in the Global Economy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 598, Blockchain in the Global Economy, examines blockchain technology and its applications across global finance, supply chains, trade, and digital business. Students explore distributed ledger systems, smart contracts, digital assets, regulatory considerations, cybersecurity implications, and the transformative potential of blockchain for international commerce and business innovation.

Prerequisite(s): None

Corequisite(s): None

TGM 598 Global Digital Transformation

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 598, Global Digital Transformation, examines the strategic role of digital technologies in transforming organizations, industries, and global markets. Students explore digital innovation, business process transformation, emerging technologies, digital leadership, and strategies for managing organizational change in an increasingly digital global economy.

Prerequisite(s): None

Corequisite(s): None

TGM 598 The Global AI Economy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 598, The Global AI Economy, explores the economic, strategic, and societal impacts of artificial intelligence on global industries and markets. Students examine AI-driven business models, productivity, innovation, public policy, workforce transformation, ethical considerations, and the competitive advantages created by artificial intelligence in the global economy.

Prerequisite(s): None

Corequisite(s): None

UYT 1104 Modern History of Uzbekistan

ECTS Credits: 4 | Contact Hours per Week: 2-0-0

UYT 1104, Modern History of Uzbekistan, explores the major historical, political, social, economic, and cultural developments of Uzbekistan from the late 19th century to the present. The course examines the processes that shaped modern Uzbekistan, including national identity formation, independence, state-building, socio-economic transformations, and Uzbekistan's role in regional and international affairs. Students develop critical understanding of historical events, analyze primary and secondary sources, and evaluate the impact of historical processes on contemporary Uzbekistan.

Prerequisite(s): None

Corequisite(s): None

WPC 150 Business and Society

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

Introduces the role and purpose of business in society, specifically how we can be a force of good in people's lives, in our environment, in our community and in the world. Students learn about the different core functions in business such as accounting, economics, finance, information systems, marketing, management and supply chain management as well as how each makes decisions that impact our society.

Prerequisite(s): None

Corequisite(s): None

WPC 469 Business Capstone I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

Structured practical experience following a contract or plan, supervised by faculty and practitioners.

Prerequisite(s): None

Corequisite(s): None

WPC 470 Business Administration Capstone

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

Develops a general manager's or business owner's perspective on how organizations can create value. Creating long-run value by repeatedly producing goods and services that customers buy at prices that cover the costs of producing them is the key to success for business organizations. The starting point for thinking about how an organization might create value and gain sustainable competitive advantage is analyzing current and future environments to understand threats and opportunities in various institutional settings around the world. Evaluates the impact of institutional settings in different countries and ethical values on decision making. Students learn how to successfully manage relations with key stakeholders including customers, employees, suppliers of capital as well as other component goods and services, and stakeholders from various levels of government in different countries.

Prerequisite(s): None

Corequisite(s): None

WPC 470 Strategic Workplace Communication

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

Course Description: WPC 470, Strategic Workplace Communication, explores advanced communication strategies used to support organizational goals and decision-making. Students apply communication theories and practices to analyze workplace challenges, develop strategic messages, and communicate effectively across professional and multicultural environments.

Prerequisite(s): WPC 300; Senior Standing

Corequisite(s): None

School of Digital Technologies

Bachelor of Science in Software Engineering
Bachelor of Science in Computer Science
Bachelor of Science in Industrial Engineering
Bachelor of Science in Cyber Security
Master of Science in Software Engineering

General Education (SoDT Programs Only)

Foundational Information Technology and AI

- AIL 101: AI Literacy
- CSE 110: Principles of Programming

Uzbek Studies

- UYT 1104: Modern History of Uzbekistan
- FA 1104: Philosophy
- DI 1404: Religious Studies

English and Communication (ENG and COM)

- AEC 101: Academic English and Composition
- COM 225: Public Speaking and Presentations
- COM 263: Elements of Intercultural Communication

Mathematics

- MAT 243: Discrete Mathematical Structures
- MAT 265: Calculus for Engineers I
- MAT 266: Calculus for Engineers II
- MAT 267: Calculus for Engineers III
- MAT 275: Modern Differential Equations
- MAT 343: Applied Linear Algebra

Social Sciences

- PHI 105: Introduction to Ethics

Bachelor of Science in Cyber Security

Program Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Computing and Engineering Foundations
- Apply mathematical, scientific, engineering, and computing principles to analyze and solve complex cybersecurity problems.
- Programming and Secure Software Development
- Design, implement, test, and evaluate secure software using appropriate programming languages, algorithms, data structures, and software-engineering practices.
- Computer Systems and Networks
- Analyze the architecture and operation of computer hardware, operating systems, distributed systems, and networks to identify vulnerabilities and security requirements.
- Cybersecurity and Information Assurance
- Assess cybersecurity risks and apply appropriate controls to protect software, systems, networks, data, and information assets.
- Security Testing and Digital Forensics
- Apply security assessment, validation, verification, testing, and digital-forensics methods to investigate vulnerabilities and evaluate system resilience.
- Professional Practice and Integrated Problem-Solving
- Design and communicate cybersecurity solutions through individual and collaborative projects while considering ethical, legal, social, and sustainability responsibilities.

Major Courses:

- FSE 100: Introduction to Engineering
- PSY 101: Introduction to Psychology
- CHM 107: Chemistry and Society and CHM 108: Chemistry and Society Laboratory
- EEE 120: Digital Design Fundamentals
- PHY 121: University Physics I: Mechanics AND PHY 122: University Physics Laboratory I
- PHY 132: University Physics Laboratory II and PHY 131: University Physics II: Electricity and Magnetism
- CEE 181: Tech, Social, & Sustain System (SUST)
- FIS 201: Innovation in Society (HUAD)
- CSE 205: Object-Oriented Programming and Data Structures
- CSE 230: Computer Organization and Assembly Language Programming
- CSE 240: Introduction to Programming Languages
- MAT 243: Discrete Mathematical Structures
- CSE 301: Computing Ethics
- CSE 310: Data Structures and Algorithms
- CSE 330: Operating Systems
- CSE 340: Principles of Programming Languages
- CSE 355: Introduction to Theoretical Computer Science
- CSE 360: Introduction to Software Engineering
- CSE 365: Information Assurance
- IEE 380: Probability and Statistics for Engineering Problem Solving
- CSE 445: Distributed Software Development
- CSE 466: Computer Systems Security
- CSE 468: Computer Network Security
- CSE 469: Computer and Network Forensics
- CSE 485: Computer Science Capstone Project I
- CSE 486: Computer Science Capstone Project II
- CSE 543: Information Assurance and Security
- CSE 565: Software Validation, Verification, and Testing
- CSE 566: Software Project, Process, and Quality Management
- AUT Elective

Bachelor of Science in Computer Science

Program Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Computing and Mathematical Foundations
- Apply principles of computing, mathematics, statistics, science, and engineering to analyze and solve complex computing problems.
- Programming and Algorithmic Problem-Solving
- Design, implement, and evaluate algorithms and software solutions using appropriate programming languages, data structures, computational methods, and theoretical foundations.
- Computer Systems and Networks
- Analyze the architecture and operation of computer hardware, operating systems, networks, distributed systems, and programming-language environments.
- Software Engineering and Secure Computing
- Apply software-engineering practices to design, develop, test, and maintain reliable and secure computing systems.
- Artificial Intelligence and Data-Centred Computing
- Apply foundational methods in artificial intelligence, natural-language processing, and data visualization to develop and evaluate computing solutions.
- Professional Practice and Integrated Design
- Design, implement, document, and communicate substantial computing solutions individually and collaboratively, while considering ethical, social, managerial, and sustainability implications.

Major Courses:

- FSE 100: Introduction to Engineering
- PSY 101: Introduction to Psychology
- PHI 105: Intro to Ethics (HUAD)
- CHM 107: Chemistry and Society AND CHM 108: Chemistry and Society Laboratory
- EEE 120: Digital Design Fundamentals
- PHY 121: University Physics I: Mechanics AND PHY 122: University Physics Laboratory I
- PHY 132: University Physics Laboratory II and PHY 131: University Physics II: Electricity and Magnetism
- CEE 181: Tech, Social, & Sustain System (SUST)
- FIS 201: Innovation in Society (HUAD)
- CSE 205: Object-Oriented Programming and Data Structures
- CSE 230: Computer Organization and Assembly Language Programming
- CSE 240: Introduction to Programming Languages
- CSE 301: Computing Ethics
- CSE 310: Data Structures and Algorithms
- CSE 330: Operating Systems
- CSE 340: Principles of Programming Languages
- CSE 355: Introduction to Theoretical Computer Science
- CSE 360: Introduction to Software Engineering
- CSE 365: Information Assurance
- IEE 380: Probability and Statistics for Engineering Problem Solving
- MGT 380: Management and Strategy
- CSE 420: Computer Architecture I
- CSE 434: Computer Networks
- CSE 445: Distributed Software Development
- CSE 463: Introduction to Human-Computer Interaction
- CSE 471: Introduction to Artificial Intelligence
- CSE 476: Introduction to Natural Language Processing
- CSE 478: Foundation of Data Visualization
- CSE 485: Computer Science Capstone Project I
- CSE 486: Computer Science Capstone Project II

Bachelor of Science in Software Engineering

Program Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Engineering and Computing Foundations
- Apply mathematical, scientific, engineering, and computing principles to analyze and solve complex software-engineering problems.
- Software Design and Development
- Design, implement, and evaluate software solutions using appropriate programming languages, algorithms, data structures, architectural principles, and development tools.
- Software Systems and Technologies
- Analyze and develop software involving computer systems, operating systems, databases, distributed systems, and web-based technologies.
- Software Engineering Processes and Project Management
- Apply systematic software-engineering processes throughout the development lifecycle, including requirements analysis, design, construction, deployment, maintenance, and project management.
- Software Quality, Security, and Human-Centred Design
- Apply quality assurance, testing, secure-development, and human-computer interaction principles to produce reliable, usable, maintainable, and secure software.
- Professional Practice and Integrated Project Work
- Collaborate effectively and communicate technical information through substantial software projects while demonstrating ethical judgment, professional responsibility, and awareness of social and sustainability considerations.

- FSE 100: Introduction to Engineering
- HSE 101: Human Systems Engineering
- EGR 104: Critical Inquiry in Engineering
- CHM 113: General Chemistry I
- PHY 121: University Physics I: Mechanics and PHY 122: University Physics Laboratory I
- PHY 131: University Physics II - Electricity and Magnetism AND PHY 132: University Physics Laboratory II
- CEE 181: Technological, Social, and Sustainable Systems
- CSE 205: Object-Oriented Programming and Data Structures
- SER 216: Software Enterprise - Personal Process and Quality
- SER 222: Design and Analysis of Data Structures and Algorithms
- CSE 230: Computer Organization and Assembly Language Programming
- SER 232: Computer Systems Fundamentals
- CSE 240: Introduction to Programming Languages
- SER 315: Software Enterprise - Design and Process
- SER 316: Software Enterprise - Construction and Transition
- HST 318: History of Engineering
- SER 321: Principles of Distributed Software Systems
- SER 322: Principles of Database Management
- SER 334: Operating Systems and System Programming
- SER 335: Engineering Secure Software Systems
- IEE 380: Probability and Statistics for Engineering Problem Solving
- SER 401: Computing Capstone Project I
- SER 402: Computing Capstone Project II
- SER 415: Software Enterprise: Inception and Elaboration
- SER 416: Software Enterprise - Project and Process Management
- SER 421: Web-Based Applications
- SER 463: Introduction to Human Computer Interaction
- SER 464: Software Quality Assurance and Testing

Bachelor of Science in Industrial Engineering

Program Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Engineering and Analytical Foundations
- Apply mathematical, scientific, statistical, economic, and engineering principles to analyze and solve complex industrial engineering problems.
- Operations Research and Decision-Making
- Develop and apply deterministic, stochastic, simulation, and data-visualization models to evaluate alternatives and support evidence-based decisions.
- Production, Quality, and Process Improvement
- Design, analyze, and improve production and service systems using work analysis, production control, quality control, and Lean Six Sigma methods.
- Systems and Information Engineering
- Integrate people, processes, information, technology, and resources to design efficient, reliable, and sustainable organizational systems.
- Human Factors, Risk, and Project Management
- Apply human-factors engineering, economic analysis, risk-management, and project-management principles to develop safe, feasible, and effective solutions.
- Professional Practice and Integrated Systems Design
- Design, evaluate, document, and communicate comprehensive industrial engineering solutions through individual and collaborative projects while demonstrating ethical, professional, social, and environmental responsibility.

Major Courses:

- FSE 100: Introduction to Engineering
- TGM 101: Principles of Global Management
- CHM 114: General Chemistry for Engineers
- ogl Y 121: University Physics I: Mechanics AND PHY 122: University Physics Laboratory I
- PHY 131: University Physics II: Electricity and Magnetism
- CEE 181: Tech, Social, & Sustain System
- FIS 201: Innovation in Society
- CSE 205: Object-Oriented Programming and Data Structures
- IEE 210 Introduction to Industrial Engineering
- ECN 211: Macroeconomic Principles
- ACC 231: Uses of Accounting Information I
- ACC 241: Uses of Accounting Information II
- IEE 300: Economic Analysis for Engineers
- IEE 305: Information Systems Engineering
- IEE 321: Professional Engineering Practice
- IEE 369: Work Analysis and Design
- IEE 376: Operations Research Deterministic Techniques/Applications
- IEE 380: Probability and Statistics for Engineering Problem Solving
- IEE 381: Lean Six Sigma Methodology
- IEE 385: Engineering Statistics: Probability
- CEE 400: Earth Systems Engineering and Management
- IEE 437: Human Factors Engineering
- IEE 454: Risk Management
- IEE 458: Project Management
- IEE 461: Production Control
- IEE 470: Stochastic Operations Research
- IEE 474: Quality Control
- IEE 475: Simulating Stochastic Systems
- IEE 485: Systems Design Capstone I
- IEE 486: Systems Design Capstone II
- CSE 494: Foundations Data Visualizations

Master Programs

Upon successful completion of the program, graduates will be able to:

- Advanced Computing Foundations
- Apply advanced principles of programming, algorithms, operating systems, computer networks, and cloud computing to analyze complex cybersecurity problems.
- Cybersecurity Risk and Information Assurance
- Assess threats, vulnerabilities, and risks and design appropriate security controls to protect information, systems, networks, and cloud environments.
- Secure Software and Systems Engineering
- Apply secure-development, software verification, validation, testing, quality-management, and project-management practices to develop reliable and resilient systems.
- Network, Cloud, and Infrastructure Security
- Design and evaluate security architectures and solutions for computer networks, distributed infrastructure, and cloud-computing environments.
- Applied Cryptography and Intelligent Security Solutions
- Apply cryptographic principles and appropriate artificial-intelligence techniques to address cybersecurity challenges, while critically evaluating their limitations and risks.
- Professional Practice and Applied Research
- Investigate complex cybersecurity problems and develop, evaluate, document, and communicate evidence-based solutions through an applied capstone project, demonstrating ethical and professional judgment.

Master of Science in Software Engineering

Program Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Advanced Software Engineering Foundations
- Apply advanced principles of mathematics, programming languages, algorithms, operating systems, and computing to analyze complex software-engineering problems.
- Software Architecture and Integration
- Design and integrate scalable, maintainable, and interoperable software systems using appropriate architectural approaches, technologies, and engineering methods.
- Software Quality and Process Management

- Apply software-development lifecycle, project-management, process-improvement, quality-management, verification, validation, and testing practices to produce reliable software systems.
- Secure, Distributed, and Mobile Computing
- Design and evaluate software solutions for secure, distributed, large-scale data-processing, and mobile-computing environments.
- Machine Learning and Data Visualization
- Apply statistical machine-learning and data-visualization techniques to develop, evaluate, and communicate data-informed software solutions.
- Innovation and Applied Project Work
- Develop, evaluate, document, and communicate an innovative software-engineering solution through an applied project, demonstrating professional judgment, entrepreneurial awareness, and effective project execution.

Major Courses:

- MAT 267: Calculus for Engineers III
- CSE 240: Introduction to Programming Languages
- CSE 593: Applied Project
- CSE 360: Introduction to Software Engineering
- CSE 310: Data Structures and Algorithms
- CSE 330: Operating Systems
- CSE 565: Software Verification, Validation, and Testing
- CSE 598: Software Integration and Engineering
- CSE 566: Software Project, Process, and Quality Management
- FSE 501: Technology Entrepreneurship
- CSE 543: Information Assurance and Security
- CSE 511: Data Processing at Scale
- CSE 535: Mobile Computing
- CSE 575: Statistical Machine Learning
- CSE 578: Data Visualization

Course Description

ACC 241 Uses of Accounting Information II

ECTS Credits: 3.0 | Contact Hours per Week: 3-0-0

ACC 241, Uses of Accounting Information II, builds upon the principles introduced in ACC 231/232/261 by focusing on managerial accounting and the use of accounting information for planning, controlling, and decision-making. Topics include cost behavior, budgeting, performance evaluation, cost-volume-profit analysis, and managerial reporting. Students learn to apply accounting information to support organizational strategy and operational effectiveness.

Prerequisite(s): ACC 231, 232, or 261 with C or better

Corequisite(s): None

AEC 101 Academic English and Composition

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

AEC 101, Academic English and Composition, develops students' academic English language proficiency through integrated instruction in reading, writing, listening, and speaking. The course emphasizes academic writing, critical reading, grammar, vocabulary development, research skills, and effective communication in higher education. Students learn to compose coherent academic essays, analyze scholarly texts, and communicate ideas clearly and professionally in academic and multicultural environments.

Prerequisite(s): English Placement Test or equivalent English language proficiency, where applicable.

Corequisite(s): None

AIL 101 AI Literacy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

AIL 101, AI Literacy, introduces students to the fundamental concepts, principles, and applications of artificial intelligence in academic, professional, and societal contexts. The course explores machine learning, generative AI, data-driven decision-making, ethical considerations, responsible AI use, privacy, and emerging technologies. Students develop practical skills in using AI-powered tools to enhance learning, problem-solving, communication, and productivity while critically evaluating the opportunities, limitations, and societal impact of artificial intelligence.

Prerequisite(s): None

Corequisite(s): None

CEE 181 Technological, Social, and Sustainable Systems

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CEE 181, Technological, Social, and Sustainable Systems, examines the relationships between technology, engineering, society, and sustainable development. The course explores how engineering solutions address global challenges while considering environmental, economic, ethical, and social impacts. Students develop systems-thinking skills and evaluate sustainable approaches to infrastructure, resource management, innovation, and responsible technological development.

Prerequisite(s): None

Corequisite(s): None

CEE 400 Earth Systems Engineering and Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CEE 400, Earth Systems Engineering and Management, provides an interdisciplinary study of engineering principles applied to the sustainable management of natural and built environments. The course examines environmental systems, resource conservation, risk assessment, climate resilience, infrastructure sustainability, and system-based decision-making. Students develop strategies for designing and managing engineering solutions that balance technological advancement with environmental stewardship and societal needs.

Prerequisite(s): CEE 181 or instructor approval.

Corequisite(s): None

CHM 107 Chemistry and Society

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CHM 107, Chemistry and Society, introduces the fundamental principles of chemistry and examines their applications in everyday life and contemporary society. The course explores atomic structure, chemical bonding, chemical reactions, states of matter, energy transformations, and the role of chemistry in health, industry, and the environment. Students develop an understanding of how chemical principles contribute to scientific innovation and sustainable development.

Prerequisite(s): None

Corequisite(s): CHM 108 Chemistry and Society Laboratory

CHM 113 General Chemistry I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CHM 113, General Chemistry I, provides a comprehensive introduction to the fundamental principles of chemistry for science and engineering students. Topics include atomic and molecular structure, chemical bonding, stoichiometry, thermochemistry, states of matter, periodic properties, and chemical reactions. Students develop quantitative problem-solving skills and gain a solid foundation for advanced studies in engineering and the physical sciences.

Prerequisite(s): None

Corequisite(s): None

CHM 114 General Chemistry for Engineers

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CHM 114, General Chemistry for Engineers, introduces chemical principles with an emphasis on engineering applications. The course covers atomic structure, chemical bonding, materials chemistry, thermodynamics, electrochemistry, corrosion, polymers, and environmental chemistry. Students explore the relationship between chemistry and engineering design while developing analytical and problem-solving skills relevant to modern engineering practice.

Prerequisite(s): None

Corequisite(s): None

CIS 105 Computer Applications and Information Technology

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CIS 105, Computer Applications and Information Technology, introduces students to fundamental computer concepts and digital technologies used in academic and professional environments. The course develops proficiency in productivity software, information management, cloud collaboration, digital communication, cybersecurity awareness, and responsible technology use. Students gain practical skills for creating, managing, and presenting information using contemporary computing tools.

Prerequisite(s): None

Corequisite(s): None

COM 225 Public Speaking and Presentations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 225, Public Speaking and Presentations, develops effective oral communication and presentation skills for academic, professional, and public settings. Students learn audience analysis, speech organization, persuasive communication, presentation design, delivery techniques, and the effective use of visual aids while building confidence through individual and group presentations.

Prerequisite(s): AEC 101

Corequisite(s): None

COM 259 Communication in Business and Professions

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 259, Communication in Business and the Professions, examines communication strategies used in professional and organizational environments. Students develop skills in workplace communication, professional correspondence, team collaboration, conflict resolution, business presentations, and communication technologies while strengthening interpersonal and organizational effectiveness.

Prerequisite(s): COM 225

Corequisite(s): None

COM 263 Elements of Intercultural Communication

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

COM 263, Elements of Intercultural Communication, explores communication across cultures in an increasingly interconnected world. Students examine cultural values, communication styles, identity, diversity, globalization, intercultural competence, and strategies for effective communication in multicultural academic and professional environments.

Prerequisite(s): COM 225

Corequisite(s): None

CSE 110 Principles of Programming

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 110, Principles of Programming, introduces the fundamental concepts of computer programming and problem-solving. Students develop algorithmic thinking while learning programming constructs including variables, data types, control structures, functions, arrays, and basic object-oriented concepts. The course emphasizes structured program design, debugging techniques, testing, and software development best practices through practical programming exercises.

Prerequisite(s): None

Corequisite(s): None

CSE 205 Object-Oriented Programming and Data Structures

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 205, Object-Oriented Programming and Data Structures, builds upon introductory programming by introducing object-oriented software development and fundamental data structures. Students explore classes, objects, inheritance, polymorphism, encapsulation, recursion, linked lists, stacks, queues, trees, and algorithm analysis while developing efficient and maintainable software applications.

Prerequisite(s): CSE 110

Corequisite(s): None

CSE 230 Computer Organization and Assembly Language Programming

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 230, Computer Organization and Assembly Language Programming, examines the internal organization and architecture of computer systems. Students study digital data representation, processor architecture, memory hierarchy, instruction sets, input/output systems, and assembly language programming while gaining practical experience with low-level software development and hardware-software interaction.

Prerequisite(s): CSE 205

Corequisite(s): None

CSE 240 Introduction to Programming Languages

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 240, Introduction to Programming Languages, introduces the fundamental concepts, paradigms, and design principles of modern programming languages. Students examine procedural, object-oriented, functional, and declarative programming paradigms while developing an understanding of language syntax, semantics, and implementation techniques.

Prerequisite(s): ACO 102 with a grade of C or better, or CSE 205 with a grade of C or better, or Geographic Information Science major with GIS 222 with a grade of C or better, or SCAI graduate student; Credit is allowed for only ACO 240 or CSE 240.

Corequisite(s): None

CSE 301 Computing Ethics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 301, Computing Ethics, examines the ethical, legal, and social responsibilities of computing professionals. Students explore topics including privacy, cybersecurity, intellectual property, artificial intelligence ethics, professional conduct, digital rights, responsible innovation, and emerging technologies while developing ethical decision-making skills through case studies and contemporary issues in computing.

Prerequisite(s): CSE 205

Corequisite(s): None

CSE 310 Data Structures and Algorithms

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 310, Data Structures and Algorithms, examines advanced data structures and algorithmic techniques for efficient problem solving. Students study stacks, queues, trees, graphs, hashing, searching, sorting, and algorithm analysis, with emphasis on designing efficient computational solutions.

Prerequisite(s): CSE 220, CSE 240, MAT 243, and MAT 300 with a grade of C or better, or Engineering graduate student; Credit is allowed for only CSE 310 or TGM 410.*

Corequisite(s): None

CSE 330 Operating Systems

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 330, Operating Systems, examines the architecture, design, and functionality of modern operating systems. Students explore process management, processor scheduling, synchronization, memory management, virtual memory, file systems, storage management, and input/output operations.

Prerequisite(s): CSE 230 or EEE 230 with a grade of C or better; CSE 310 with a grade of C or better, or SCAI graduate student; Credit is allowed for only ACO 350 or CSE 330.*

Corequisite(s): None

CSE 340 Principles of Programming Languages

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 340, Principles of Programming Languages, provides an in-depth study of programming language design, implementation, and evaluation. Students examine language syntax and semantics, data abstraction, type systems, memory management, functional programming, logic programming, concurrency, and language translation while comparing contemporary programming paradigms.

Prerequisite(s): CSE 240

Corequisite(s): None

CSE 355 Introduction to Theoretical Computer Science

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 355, Introduction to Theoretical Computer Science, introduces the mathematical foundations of computation. Students study formal languages, automata theory, computability, complexity analysis, regular expressions, finite automata, context-free grammar, Turing machines, and computational limits while developing analytical approaches to theoretical computing problems.

Prerequisite(s): CSE 310, MAT 243

Corequisite(s): None

CSE 360 Introduction to Software Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 360, Introduction to Software Engineering, provides an overview of software engineering principles, methodologies, and professional practices. Students examine software development life cycle models, project management, software architectures, quality assurance, collaborative development environments, and legal and ethical considerations.

Prerequisite(s): BMI 310, CSE 220, or CSE 240 with a grade of C or better

Corequisite(s): None

CSE 365 Information Assurance

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 365, Information Assurance, examines the principles and practices of protecting information assets within organizations. Students explore information security governance, risk management, cryptography, access control, security policies, network security, vulnerability assessment, disaster recovery, and regulatory compliance while developing strategies to ensure confidentiality, integrity, and availability of information systems.

Prerequisite(s): CSE 330

Corequisite(s): None

CSE 420 Computer Architecture I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 420, Computer Architecture I, examines the architecture and performance of modern computer systems. Students study processor organization, instruction pipelining, memory hierarchy, cache design, parallel processing, input/output architecture, performance evaluation, and multicore systems while analyzing architectural techniques that improve computing efficiency.

Prerequisite(s): CSE 230

Corequisite(s): None

CSE 434 Computer Networks

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 434, Computer Networks, provides a comprehensive study of computer networking principles and communication technologies. Students examine network architecture, OSI and TCP/IP models, routing, switching, wireless communication, network protocols, Internet technologies, network performance, and security while configuring and analyzing modern computer networks.

Prerequisite(s): CSE 330

Corequisite(s): None

CSE 445 Distributed Software Development

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 445, Distributed Software Development, focuses on the design, implementation, and management of distributed software systems. Students explore distributed architectures, cloud computing, service-oriented systems, microservices, collaborative software development, version control, continuous integration, and software deployment while developing scalable distributed applications.

Prerequisite(s): CSE 360

Corequisite(s): None

CSE 463 Introduction to Human-Computer Interaction

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 463, Introduction to Human-Computer Interaction, examines the principles of designing interactive computing systems that enhance user experience. Students study user-centered design, usability evaluation, interface prototyping, accessibility, interaction design, cognitive principles, and usability testing while developing intuitive and effective software interfaces.

Prerequisite(s): CSE 360

Corequisite(s): None

CSE 466 Computer Systems Security

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 466, Computer Systems Security, provides an in-depth study of securing computer systems against internal and external threats. Students examine operating system security, authentication mechanisms, access control, system hardening, malware analysis, vulnerability assessment, intrusion detection, and security monitoring while implementing defensive strategies for protecting computing environments.

Prerequisite(s): CSE 365, CSE 434

Corequisite(s): None

CSE 468 Computer Network Security

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 468, Computer Network Security, examines the principles and technologies used to protect computer networks and communication systems. Students study network vulnerabilities, firewalls, intrusion detection and prevention systems, virtual private networks, secure communication protocols, wireless security, network monitoring, and incident response while implementing effective network defense strategies.

Prerequisite(s): CSE 434, CSE 365

Corequisite(s): None

CSE 469 Computer and Network Forensics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 469, Computer and Network Forensics, introduces the techniques and methodologies used to investigate cyber incidents and digital crimes. Students explore digital evidence collection, forensic imaging, file system analysis, network forensics, malware investigation, legal considerations, chain of custody, and forensic reporting while conducting practical forensic investigations.

Prerequisite(s): CSE 466, CSE 468

Corequisite(s): None

CSE 471 Introduction to Artificial Intelligence

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 471, Introduction to Artificial Intelligence, introduces the fundamental concepts and techniques of artificial intelligence. Students examine intelligent agents, search algorithms, knowledge representation, reasoning, machine learning, planning, natural language processing, computer vision, and ethical considerations while developing AI-based solutions to real-world problems.

Prerequisite(s): CSE 310, MAT 343

Corequisite(s): None

CSE 476 Introduction to Natural Language Processing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 476, Introduction to Natural Language Processing, explores computational methods for processing and understanding human language. Students study text preprocessing, lexical analysis, language modeling, syntactic and semantic analysis, machine translation, sentiment analysis, information extraction, and large language models while developing practical natural language processing applications.

Prerequisite(s): CSE 471

Corequisite(s): None

CSE 478 Foundation of Data Visualization

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 478, Foundation of Data Visualization, examines the principles and techniques for presenting data through effective visual representations. Students explore visualization theory, exploration data analysis, dashboard development, interactive visualizations, storytelling with data, graphical perception, and visualization software while communicating complex analytical results to diverse audiences.

Prerequisite(s): CSE 310

Corequisite(s): None

CSE 485 Computer Science Capstone Project I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 485, Computer Science Capstone Project I, provides students with the opportunity to integrate knowledge acquired throughout the computer science curriculum by planning and designing a comprehensive software or computing project. Students perform requirements analysis, project planning, system design, literature review, and proposal development while working collaboratively under faculty supervision.

Prerequisite(s): Senior Standing; CSE 360

Corequisite(s): None

CSE 486 Computer Science Capstone Project II

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 486, Computer Science Capstone Project II, continues the capstone experience through the implementation, testing, deployment, documentation, and presentation of the project initiated in Capstone Project I. Students demonstrate professional competencies in software engineering, teamwork, communication, and project management while delivering a complete computing solution.

Prerequisite(s): CSE 485

Corequisite(s): None

CSE 494 Foundations of Data Visualization

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 494, Foundations of Data Visualization, develops advanced skills in designing and implementing data visualizations for analytical and decision-support applications. Students examine visual analytics, interactive dashboards, geospatial visualization, statistical graphics, user-centered visualization design, and visualization evaluation using contemporary data visualization tools and programming frameworks.

Prerequisite(s): CSE 478

Corequisite(s): None

CSE 511 Data Processing at Scale

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 511, Data Processing at Scale, explores modern frameworks and technologies for processing, managing, and analyzing large-scale datasets. Students study database systems, distributed and parallel computing, cloud-based data platforms, NoSQL databases, and big data processing tools.

Prerequisite(s): CSE 512.

Corequisite(s): None

CSE 535 Mobile Computing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 535, Mobile Computing, examines the technologies and principles underlying mobile computing systems. Students explore mobile networking, adaptive applications, location-aware computing, mobile security, privacy, energy-efficient computing, and wireless communication technologies.

Prerequisite(s): Computer Engineering, Computer Science, Engineering Science (Software Engineering), Robotics and Autonomous Systems (Artificial Intelligence), or Software Engineering graduate student, or Online Computer Science non-degree-seeking graduate student.

Corequisite(s): None

CSE 539 Applied Cryptography

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 539, Applied Cryptography, introduces the principles and applications of cryptographic techniques used to protect digital information. Students examine encryption algorithms, hashing, digital signatures, authentication protocols, public key infrastructure, key management, and secure communication systems.

Prerequisite(s): None

Corequisite(s): None

CSE 543 Information Assurance and Security

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 543, Information Assurance and Security, provides a comprehensive study of information security principles, risk management, and protection strategies. Students gain practical experience with security technologies, vulnerability assessment, secure system design, and information assurance frameworks.

Prerequisite(s): Computer Engineering, Computer Science, Data Science, Engineering, Software Engineering, Robotics and Autonomous Systems graduate student, or Online Computer Science nondegree-seeking graduate student.*

Corequisite(s): None

CSE 545 Artificial Intelligence

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 545, Artificial Intelligence, introduces the concepts, methods, and applications of artificial intelligence in modern computing systems. Students examine intelligent agents, search algorithms, knowledge representation, machine learning fundamentals, reasoning, natural language processing, and ethical considerations in AI development.

Prerequisite(s): None

Corequisite(s): None

CSE 546 Cloud Computing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 546, Cloud Computing, examines cloud computing architectures, services, and deployment models used in modern information systems. Students explore virtualization, distributed computing, cloud security, resource management, service models, and the design and implementation of scalable cloud-based applications.

Prerequisite(s): None

Corequisite(s): None

CSE 548 Advanced Computer Network Security

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 548, Advanced Computer Network Security, focuses on advanced techniques for securing computer networks and communication systems. Students examine network attacks, intrusion detection and prevention, firewalls, secure network architectures, wireless security, network monitoring, and incident response strategies.

Prerequisite(s): None

Corequisite(s): None

CSE 565 Software Verification, Validation, and Testing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 565, Software Verification, Validation, and Testing, examines software quality assurance techniques used to evaluate and improve software reliability. Students study test planning, requirements-based and code-based testing, automated testing tools, reliability models, and statistical testing methods.

Prerequisite(s): Computer Engineering, Computer Science, or Software Engineering graduate student, or Online Computer Science nondegree-seeking graduate student.

Corequisite(s): None

CSE 566 Software Project, Process, and Quality Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 566, Software Project, Process, and Quality Management, explores software project planning, process improvement, quality assurance, configuration management, and risk management. Students apply project management methodologies through practical software development scenarios and team-based project experiences.

Prerequisite(s): Computer Engineering, Computer Science, Doctor of Engineering, Robotics and Autonomous Systems (Artificial Intelligence), or Software Engineering graduate student, or Online Computer Science nondegree-seeking graduate student.

Corequisite(s): None

CSE 571 Software Security

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 571, Software Security, examines principles and practices for designing, developing, and maintaining secure software systems. Students explore secure software development lifecycles, vulnerability assessment, threat modeling, secure coding practices, application security testing, and mitigation strategies for software vulnerabilities.

Prerequisite(s): None

Corequisite(s): None

CSE 575 Statistical Machine Learning

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 575, Statistical Machine Learning, introduces statistical learning methods and machine learning algorithms for predictive modeling and data analysis. Students study regression, classification, clustering, kernel methods, feature reduction, manifold learning, ranking, and multitask learning techniques.

Prerequisite(s): STP 550, or STP 598

Corequisite(s): None

CSE 578 Data Visualization

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 578, Data Visualization, explores principles and techniques for transforming complex datasets into effective visual representations. Students integrate concepts from data analytics, graphic design, visual perception, and cognitive science to create meaningful visualizations that support data-driven decision making.

Prerequisite(s): Computer Engineering, Computer Science, Data Science, Analytics and Engineering, Engineering, Global Management (Data Science), Industrial Engineering, Robotics and Autonomous Systems, or Software Engineering graduate student, or Online Computer Science nondegree-seeking graduate student.

Corequisite(s): None

CSE 593 Applied Project (Capstone)

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 593, Applied Project, serves as the capstone experience of the Master of Science in Cybersecurity program by integrating knowledge and technical skills acquired throughout the curriculum. Students design, implement, and evaluate a comprehensive cybersecurity solution or applied research project that addresses a real-world information security challenge while demonstrating professional, analytical, and project management competencies.

Prerequisite(s): Completion of Major Core Courses

Corequisite(s): None

CSE 598 Software Integration and Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

CSE 598, Software Integration and Engineering, examines advanced and emerging topics in software engineering through specialized studies not regularly offered in the curriculum. Course content may include innovative technologies, contemporary software engineering practices, or highly specialized areas responding to current industry needs.

Prerequisite(s): Computer Engineering, Computer Science graduate student, Data Science, Analytics and Engineering PhD, Robotics and Autonomous Systems (Artificial Intelligence) MS, or Online Computer Science nondegree-seeking graduate student.

Corequisite(s): None

DI 1404 Religious Studies

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

DI 1404, Religious Studies, introduces the major world religions and their historical development, beliefs, practices, and cultural significance. Students examine the role of religion in shaping civilizations, ethics, politics, society, and intercultural relations while exploring religious diversity, tolerance, freedom of belief, and the interaction between religion and contemporary global issues. Particular attention is given to the historical and cultural context of religion in Central Asia and Uzbekistan, promoting critical thinking, mutual respect, and informed dialogue within multicultural societies.

Prerequisite(s): None

Corequisite(s): None

ECN 211 Macroeconomic Principles

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ECN 211, Macroeconomic Principles, introduces the fundamental concepts of macroeconomics and the functioning of national and global economies. Students examine national income determination, economic growth, inflation, unemployment, fiscal and monetary policy, business cycles, international trade, and exchange rates while analyzing the role of governments and financial institutions in promoting economic stability and sustainable development.

Prerequisite(s): None

Corequisite(s): None

EEE 120 Digital Design Fundamentals

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

EEE 120, Digital Design Fundamentals, introduces the principles of digital logic and computer hardware design. Students examine number systems, Boolean algebra, logic gates, combinational and sequential circuits, finite state machines, memory systems, and programmable logic devices. The course emphasizes the analysis, design, simulation, and implementation of digital systems used in modern computing and embedded technologies.

Prerequisite(s): None

Corequisite(s): None

EGR 104 Critical Inquiry in Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

EGR 104, Critical Inquiry in Engineering, develops analytical thinking, problem-solving, and technical communication skills required for engineering practice. Students investigate engineering challenges through research, critical evaluation of information, ethical reasoning, collaborative learning, and evidence-based decision-making while applying engineering design principles to real-world problems.

Prerequisite(s): None

Corequisite(s): None

ENG 302 Business Writing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

ENG 302, Business Writing, develops advanced written communication skills for professional and organizational settings. Students learn to prepare effective business correspondence, reports, proposals, executive summaries, analytical documents, and professional presentations. The course emphasizes clarity, audience awareness, persuasive communication, and ethical standards in business writing.

Prerequisite(s): AEC 101

Corequisite(s): None

FA 1104 Philosophy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FA 1104, Philosophy, introduces fundamental concepts, schools, and methods of philosophical inquiry. Students examine classical and contemporary philosophical traditions, logic, ethics, epistemology, metaphysics, and the role of philosophy in understanding society, culture, science, and human values. The course promotes critical thinking, reasoned argumentation, and ethical decision-making.

Prerequisite(s): None

Corequisite(s): None

FIS 201 Innovation in Society

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FIS 201, Innovation in Society examines the relationship between innovation, technology, entrepreneurship, and societal development. Students explore how scientific and technological advances influence economic growth, sustainability, public policy, ethics, and global challenges. The course develops critical thinking through the evaluation of innovation ecosystems and the social impacts of emerging technologies.

Prerequisite(s): None

Corequisite(s): None

FSE 100 Introduction to Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FSE 100, Introduction to Engineering, introduces the engineering profession, engineering design process, problem-solving methodologies, teamwork, communication, and professional ethics. Students gain an overview of engineering disciplines while developing fundamental analytical, computational, and project-based skills used in engineering practice.

Prerequisite(s): None

Corequisite(s): None

FSE 501 Technology Entrepreneurship

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

FSE 501, Technology Entrepreneurship, introduces the principles of technology commercialization, innovation management, and entrepreneurial venture creation. Students explore opportunity recognition, business model development, technology-driven innovation, market validation, financing strategies, and startup growth.

Prerequisite(s): None

Corequisite(s): None

HSE 101 Human Systems Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

HSE 101, Human Systems Engineering, introduces the principles of designing systems, products, and processes that effectively integrate human capabilities and limitations. Students examine ergonomics, human-centered design, cognitive systems, usability evaluation, safety, and user experience while applying engineering methods to improve system performance and human well-being.

Prerequisite(s): FSE 100

Corequisite(s): None

HST 318 History of Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

HST 318, History of Engineering, explores the historical development of engineering, technological innovation, and their influence on civilization. Students examine major engineering achievements, industrial revolutions, infrastructure development, engineering ethics, and the evolving role of engineers in addressing societal and global challenges.

Prerequisite(s): FSE 100

Corequisite(s): None

IEE 210 Introduction to Industrial Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 210, Introduction to Industrial Engineering, introduces the principles, methods, and applications of industrial engineering. Students examine systems thinking, productivity improvement, operations analysis, quality management, manufacturing and service systems, human factors, and engineering decision-making. The course provides an overview of the industrial engineering profession and its role in optimizing organizational performance.

Prerequisite(s): FSE 100

Corequisite(s): None

IEE 300 Economic Analysis for Engineers

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 300, Economic Analysis for Engineers, develops methods for evaluating engineering investments and economic decisions. Students study cost estimation, cash flow analysis, depreciation, taxation, replacement analysis, break-even analysis, benefit-cost evaluation, and engineering project selection using economic principles.

Prerequisite(s): IEE 210, ACC 241

Corequisite(s): None

IEE 305 Information Systems Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 305, Information Systems Engineering, examines the design, implementation, and management of information systems supporting industrial operations. Students explore systems analysis, database concepts, enterprise systems, systems integration, business process automation, and digital technologies used to improve organizational efficiency.

Prerequisite(s): CSE 205, IEE 210

Corequisite(s): None

IEE 321 Professional Engineering Practice

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 321, Professional Engineering Practice, prepares students for engineering careers by emphasizing professional ethics, project management, communication, teamwork, leadership, sustainability, legal responsibilities, and engineering standards. Students develop practical skills required for effective engineering practice.

Prerequisite(s): IEE 210

Corequisite(s): None

IEE 369 Work Analysis and Design

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 369, Work Analysis and Design, focuses on improving productivity through scientific work measurement and workplace design. Students study methods of engineering, time studies, ergonomics, process mapping, work simplification, workplace safety, and continuous improvement techniques.

Prerequisite(s): IEE 210

Corequisite(s): None

IEE 380 Probability and Statistics for Engineering Problem Solving

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 380, Probability and Statistics for Engineering Problem Solving, develops statistical methods for engineering analysis and decision-making. Students study probability theory, probability distributions, statistical inference, hypothesis testing, regression analysis, quality improvement, and engineering applications of statistical modeling.

Prerequisite(s): MAT 243 or MAT 211

Corequisite(s): None

IEE 381 Lean Six Sigma Methodology

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 381, Lean Six Sigma Methodology, introduces Lean Manufacturing and Six Sigma methodologies for process improvement and operational excellence. Students examine waste elimination, value stream mapping, DMAIC methodology, process capability analysis, quality improvement tools, and continuous improvement strategies.

Prerequisite(s): IEE 380

Corequisite(s): None

IEE 385 Engineering Statistics: Probability

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 385, Engineering Statistics: Probability, expands statistical concepts with emphasis on probability models used in engineering systems. Students analyze stochastic processes, probability distributions, estimation techniques, reliability analysis, simulation, and statistical applications in engineering practice.

Prerequisite(s): IEE 380

Corequisite(s): None

IEE 437 Human Factors Engineering

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 437, Human Factors Engineering, examines the interaction between human and engineering systems. Students study ergonomics, cognitive engineering, human performance, workplace safety, usability evaluation, interface design, and the optimization of human-system interactions.

Prerequisite(s): HSE 101, IEE 369

Corequisite(s): None

IEE 454 Risk Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 454, Risk Management, introduces methods for identifying, assessing, and mitigating risks in engineering and industrial systems. Students evaluate operational, financial, technological, and project risks using qualitative and quantitative risk assessment techniques.

Prerequisite(s): IEE 376, IEE 380

Corequisite(s): None

IEE 458 Project Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 458, Project Management, develops knowledge and practical skills for planning, executing, monitoring, and controlling engineering projects. Students study project scheduling, budgeting, resource allocation, procurement, stakeholder management, quality assurance, and project risk management.

Prerequisite(s): IEE 321

Corequisite(s): None

IEE 461 Production Control

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 461, Production Control, examines planning and control systems used in manufacturing and service operations. Students study production planning, inventory management, forecasting, scheduling, material requirements planning (MRP), enterprise resource planning (ERP), and performance measurement.

Prerequisite(s): IEE 369, IEE 376

Corequisite(s): None

IEE 470 Stochastic Operations Research

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 470, Stochastic Operations Research, extends operations research techniques through probabilistic modeling. Students study queueing theory, Markov processes, stochastic optimization, decision analysis under uncertainty, simulation, and applications in industrial engineering.

Prerequisite(s): IEE 376, IEE 385

Corequisite(s): None

IEE 474 Quality Control

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 474, Quality Control, develops methods for measuring, monitoring, and improving product and process quality. Students study statistical process control, control charts, acceptance sampling, process capability, quality management systems, and continuous improvement practices.

Prerequisite(s): IEE 381, IEE 385

Corequisite(s): None

IEE 475 Simulating Stochastic Systems

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 475, Simulating Stochastic Systems, introduces simulation modeling techniques for analyzing complex engineering systems. Students build and evaluate simulation models, analyze random processes, validate simulation outputs, and apply simulation tools to manufacturing, logistics, and service operations.

Prerequisite(s): IEE 470

Corequisite(s): None

IEE 485 Systems Design Capstone I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 485, Systems Design Capstone I, is the first course of the industrial engineering capstone sequence. Students identify an industry-based engineering problem, conduct feasibility studies, define project objectives, review relevant literature, and develop a comprehensive systems design proposal.

Prerequisite(s): Senior Standing, IEE 458, IEE 461

Corequisite(s): None

IEE 486 Systems Design Capstone II

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

IEE 486, Systems Design Capstone II, is the second course of the industrial engineering capstone sequence. Students implement, evaluate, and present the engineering solution developed in Capstone I by integrating industrial engineering principles, analytical methods, project management, and professional communication.

Prerequisite(s): IEE 485

Corequisite(s): None

MAT 114 College Mathematics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 114, College Mathematics, introduces fundamental mathematical concepts required for university-level study. Students develop skills in algebra, functions, equations, inequalities, graphs, exponential and logarithmic functions, and quantitative reasoning while applying mathematics to real-world problems.

Prerequisite(s): None

Corequisite(s): None

MAT 117 College Algebra

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 117, College Algebra, develops algebraic techniques and mathematical reasoning essential for advanced mathematics and applied disciplines. Students study linear, quadratic, polynomial, rational, exponential, and logarithmic functions, systems of equations, and mathematical modeling.

Prerequisite(s): MAT 114

Corequisite(s): None

MAT 119 Finite Mathematics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 119, Finite Mathematics, introduces mathematical methods commonly used in business, economics, and the social sciences. Students examine matrices, systems of linear equations, linear programming, mathematics of finance, probability, logic, sets, and introductory graph theory.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 210 Brief Calculus

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 210, Brief Calculus, introduces differential and integral calculus with emphasis on applications in business, economics, and life sciences. Students study limits, continuity, derivatives, optimization, integration, and mathematical models used for practical problem-solving.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 211 Mathematics for Business Analysis

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 211, Mathematics for Business Analysis, develops quantitative methods used in business decision-making. Students study functions, matrices, linear programming, probability, financial mathematics, optimization, and introductory calculus with applications to economics, finance, management, and business analytics.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 243 Discrete Mathematical Structures

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 243, Discrete Mathematical Structures, introduces the mathematical foundations of computer science and engineering. Students examine logic, proofs, sets, relations, functions, combinatorics, graph theory, trees, Boolean algebra, recurrence relations, and discrete probability.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 265 Calculus for Engineers I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 265, Calculus for Engineers I, provides a comprehensive introduction to differential calculus for engineering and scientific applications. Students study limits, continuity, derivatives, applications of differentiation, optimization, curve sketching, and introductory integration techniques.

Prerequisite(s): MAT 117

Corequisite(s): None

MAT 266 Calculus for Engineers II

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 266, Calculus for Engineers II, continues the study of calculus with emphasis on integral calculus and infinite series. Students examine advanced integration techniques, applications of definite integrals, sequences, series, parametric equations, polar coordinates, and engineering applications.

Prerequisite(s): MAT 265

Corequisite(s): None

MAT 267 Calculus for Engineers III

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 267, Calculus for Engineers III, explores advanced topics in multivariable calculus, including vector-valued functions, functions of several variables, partial derivatives, multiple integration, and their engineering applications. Students develop analytical techniques used to solve complex mathematical problems encountered in engineering and applied sciences.

Prerequisite(s): MAT 266 or MAT 271 with a grade of C or better; Credit is allowed for only MAT 267 or MAT 272.*

Corequisite(s): None

MAT 275 Modern Differential Equations

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 275, Modern Differential Equations, introduces ordinary differential equations and their applications in engineering, science, and industrial systems. Students study first- and higher-order differential equations, systems of differential equations, Laplace transforms, numerical methods, and mathematical modeling of dynamic systems.

Prerequisite(s): MAT 266

Corequisite(s): None

MAT 343 Applied Linear Algebra

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MAT 343, Applied Linear Algebra, develops advanced concepts of linear algebra with applications in engineering, computer science, data science, artificial intelligence, and business analytics. Students examine matrices, vector spaces, linear transformations, eigenvalues, eigenvectors, orthogonality, matrix decompositions, and computational methods for solving real-world problems.

Prerequisite(s): MAT 243, MAT 266

Corequisite(s): None

MGT 380 Management and Strategy

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

MGT 380, Management and Strategy, develops an understanding of strategic management and competitive decision-making. Students analyze organizational environments, competitive positioning, strategic planning, innovation, business models, organizational performance, and strategic implementation using case studies and real-world business scenarios.

Prerequisite(s): MGT 300

Corequisite(s): None

PHI 105 Introduction to Ethics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PHI 105, Introduction to Ethics, introduces the major theories, principles, and applications of ethical reasoning. Students examine moral philosophy, ethical decision-making, justice, responsibility, human rights, professional ethics, and contemporary ethical issues affecting individuals, organizations, and society. The course develops critical thinking and ethical judgment through the analysis of real-world dilemmas across business, technology, engineering, and public life.

Prerequisite(s): None

Corequisite(s): None

PHY 121 University Physics I: Mechanics

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PHY 121, University Physics I: Mechanics, introduces the fundamental principles of classical mechanics for engineering and science students. Students examine vectors, kinematics, Newton's laws of motion, work and energy, momentum, rotational motion, gravitation, oscillations, and mechanical systems while developing analytical and problem-solving skills through engineering applications.

Prerequisite(s): MAT 117 or MAT 265 (Corequisite permitted)

Corequisite(s): PHY 122

PHY 131 University Physics II: Electricity and Magnetism

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PHY 131, University Physics II: Electricity and Magnetism, continues the study of calculus-based physics with emphasis on electricity, magnetism, and electromagnetism. Students examine electric fields, electric potential, capacitance, current, circuits, magnetic fields, electromagnetic induction, Maxwell's equations, and electromagnetic waves while applying physical principles to engineering and technological systems.

Prerequisite(s): PHY 121, MAT 265

Corequisite(s): PHY 132

PHY 132 University Physics Laboratory II

ECTS Credits: 6 | Contact Hours per Week: 0-0-3

PHY 132, University Physics Laboratory II, provides laboratory experience supporting the concepts presented in University Physics II: Electricity and Magnetism. Students conduct experiments involving electric circuits, electrostatics, magnetic fields, electromagnetic induction, electrical measurements, instrumentation, and data analysis while strengthening scientific investigation and technical communication skills.

Prerequisite(s): PHY 122

Corequisite(s): PHY 131

PSY 101 Introduction to Psychology

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

PSY 101, Introduction to Psychology, provides an overview of the scientific study of human behavior and mental processes. Students examine biological, cognitive, developmental, social, and emotional aspects of psychology while exploring learning, motivation, personality, perception, memory, psychological disorders, and research methods. The course develops critical thinking and an understanding of psychological principles applicable to personal, academic, and professional settings.

Prerequisite(s): None

Corequisite(s): None

SER 216 Software Enterprise - Personal Process and Quality

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 216, Software Enterprise - Personal Process and Quality, introduces personal software engineering practices that improve productivity and software quality. Students develop skills in software planning, estimation, quality assurance, defect tracking, process improvement, documentation, and professional software development methodologies.

Prerequisite(s): CSE 205

Corequisite(s): None

SER 222 Design and Analysis of Data Structures and Algorithms

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 222, Design and Analysis of Data Structures and Algorithms, develops problem-solving skills through the design, implementation, and analysis of efficient data structures and algorithms. Students study algorithm complexity, recursion, searching, sorting, trees, graphs, hashing, and optimization techniques used in software engineering.

Prerequisite(s): CSE 205

Corequisite(s): None

SER 232 Computer Systems Fundamentals

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 232, Computer Systems Fundamentals, provides a comprehensive understanding of computer architecture, operating systems, memory management, processors, input/output systems, virtualization, and system performance to support software engineering applications.

Prerequisite(s): CSE 230

Corequisite(s): None

SER 315 Software Enterprise - Design and Process

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 315, Software Enterprise - Design and Process, examines software development processes, architectural design, software modeling, requirements engineering, software documentation, team collaboration, and Agile software engineering practices used in enterprise software development.

Prerequisite(s): SER 216, SER 222

Corequisite(s): None

SER 316 Software Enterprise - Construction and Transition

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 316, Software Enterprise - Construction and Transition, focuses on software implementation, integration, testing, deployment, maintenance, configuration management, and continuous improvement throughout the software development lifecycle.

Prerequisite(s): SER 315

Corequisite(s): None

SER 321 Principles of Distributed Software Systems

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 321, Principles of Distributed Software Systems, introduces the design and implementation of distributed software systems. Students study distributed architectures, communication protocols, concurrency, scalability, cloud computing, fault tolerance, and distributed application development.

Prerequisite(s): SER 315

Corequisite(s): None

SER 322 Principles of Database Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 322, Principles of Database Management, introduces database design, implementation, administration, and optimization. Students study relational database systems, SQL, normalization, transaction management, data integrity, security, and database applications in enterprise systems.

Prerequisite(s): SER 315

Corequisite(s): None

SER 334 Operating Systems and System Programming

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 334, Operating Systems and System Programming, examines operating system design, system programming, process management, memory management, file systems, synchronization, concurrency, and resource allocation for modern computing environments.

Prerequisite(s): SER 232

Corequisite(s): None

SER 335 Engineering Secure Software Systems

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 335, Engineering Secure Software Systems, focuses on secure software development principles and practices. Students examine secure software architecture, vulnerability assessment, authentication, authorization, cryptography, secure coding techniques, and software security testing.

Prerequisite(s): SER 322

Corequisite(s): None

SER 401 Computing Capstone Project I

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 401, Computing Capstone Project I, is the first course in the software engineering capstone sequence. Students work in teams to identify client requirements, analyze business needs, design software solutions, prepare project documentation, and develop project implementation plans using professional software engineering methodologies.

Prerequisite(s): SER 321, SER 322, SER 334, SER 335

Corequisite(s): None

SER 402 Computing Capstone Project II

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 402, Computing Capstone Project II, continues the capstone experience through software implementation, testing, deployment, documentation, project management, client presentation, and evaluation of a complete software engineering solution.

Prerequisite(s): SER 401

Corequisite(s): None

SER 415 Software Enterprise - Inception and Elaboration

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 415, Software Enterprise - Inception and Elaboration, examines advanced software project planning, requirements elicitation, business analysis, architectural design, risk assessment, stakeholder communication, and project initiation within enterprise software environments.

Prerequisite(s): SER 316

Corequisite(s): None

SER 416 Software Enterprise - Project and Process Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 416, Software Enterprise - Project and Process Management, develops advanced competencies in software project planning, Agile project management, software process improvement, quality management, team leadership, risk management, and organizational software development practices.

Prerequisite(s): SER 415

Corequisite(s): None

SER 421 Web-Based Applications

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 421, Web-Based Applications, focuses on the design and development of modern web applications. Students develop full-stack web solutions using client-server architecture, databases, APIs, web frameworks, security principles, and responsive user interface design.

Prerequisite(s): SER 322

Corequisite(s): None

SER 463 Introduction to Human Computer Interaction

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 463, Introduction to Human Computer Interaction, introduces principles of user-centered design and usability engineering. Students study human factors, interface design, accessibility, user experience evaluation, interaction design, prototyping, and usability testing for software systems.

Prerequisite(s): SER 315

Corequisite(s): None

SER 464 Software Quality Assurance and Testing

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

SER 464, Software Quality Assurance and Testing, examines software verification, validation, quality assurance methodologies, test planning, automated testing, performance testing, defect management, software metrics, and continuous quality improvement practices throughout the software development lifecycle.

Prerequisite(s): SER 335, SER 416

Corequisite(s): None

TGM 101 Principles of Global Management

ECTS Credits: 6 | Contact Hours per Week: 3-0-0

TGM 101, Principles of Global Management, introduces the fundamentals of management within a global business environment. Students examine management functions, organizational structures, leadership, strategic planning, decision-making, globalization, ethics, and sustainability while developing an understanding of contemporary management practices.

Prerequisite(s): None

Corequisite(s): None

UYT 1104 Modern History of Uzbekistan

ECTS Credits: 4 | Contact Hours per Week: 2-0-0

UYT 1104, Modern History of Uzbekistan, explores the major historical, political, social, economic, and cultural developments of Uzbekistan from the late 19th century to the present. The course examines the processes that shaped modern Uzbekistan, including national identity formation, independence, state-building, socio-economic transformations, and Uzbekistan's role in regional and international affairs. Students develop critical understanding of historical events, analyze primary and secondary sources, and evaluate the impact of historical processes on contemporary Uzbekistan.

Prerequisite(s): None

Corequisite(s): None

GENERAL SERVICES AT THE UNIVERSITY

Academic Advising

Academic advising services are available to students throughout the academic year. During their first semester, all undergraduate students receive advising from the Office of Student Affairs through the First-Year Experience Program. Thereafter, students are advised by their respective Program Coordinator. Each academic program is coordinated by a designated full-time faculty member who provides ongoing academic guidance to students enrolled in that program.

Alumni Association

All graduates and former students who have attended AUT for at least two years become members of the AUT Alumni Association. The Association has a newly established governing body called the AUT Alumni Council. A number of key committees, including Executive, Nomination, and AUT Fund committees, make up the Council. The Council, led by a chairperson who is also the chair of the Association, works closely with the University, particularly with the Student Affairs Office, to strengthen the bond between graduates and their alma mater. The goal of the Council is to build a resourceful and well-connected alumni network where members of the AUT community, students, alumni, faculty, staff, and board members, get to help one another. The Nomination Committee of the Council will identify and recruit new members to the Council from the Alumni Association.

Campus ID Card

All students are required to carry their AUT campus identification card while on university premises. The card is required for campus access, identification, and the use of University facilities and services.

The Student Enrollment Office is responsible for ensuring that each student receives an ID card once the student has completed registration, attended New Student Orientation, and had their photograph taken. Photographs will normally be taken during orientation, with IT supporting the production of the cards. ID cards should be issued before classes begin or, for students completing registration later, as soon as possible thereafter. No student attending classes should remain without a valid campus ID card.

A lost or stolen card must be reported promptly to the Security Office. The student will be informed of the applicable replacement procedure and fee. Once the required steps have been completed, a replacement card will be issued.

Campus Safety

The purpose of the Security team at AUT is to protect the university and it students and employees from external threats. The Security department will SMS, voice call, or verbally pass on security related information to all employees.

Security personnel are not responsible for loss or theft prevention on campus. Each member of the university community is financially responsible for protecting their personal property as well as any university property that he or she may be issued. Please take appropriate precautions to safeguard property in your possession or custody.

Security Emergency Number: 0790023241

Emergency procedures are posted throughout the campus addressing fire, lockdown, earthquake, and incidents. Please familiarize yourself with emergency procedures and muster points.

Career Services

AUT does not yet operate a fully established Career Center. Career support is currently provided through the Student Experience Office, primarily by helping students identify and pursue internship opportunities, coordinated with the Career and Industry Engagement Office (CIEO)'s employer partnerships. Students seeking internship guidance can contact the Student Experience Office at studentaffairs@aut-edu.uz. Practical career-readiness support — résumé and CV preparation, mock interviews, and interview coaching — is available through CommLabAUT. A dedicated Career Center, offering individual career advising, alumni mentorship, and on-campus career fairs, is in development as the office's capacity grows

Counselling

Confidential counselling services are available to all AUT students through the University Counsellor, Dr Kubanych Takyrbashev. Students may contact him directly at k.takyrbashev@aut-edu.uz to arrange an appointment. He is also available for consultations in the Medical Office.

Attendance and information shared during counselling sessions are confidential, subject to certain ethical and legal limitations. Dr Takyrbashev will explain these limitations during the first meeting.

Enrolment Services

- AUT Registrar’s Office is responsible for all aspects of academic records. The office’s primary functions include academic progress and standing, assist with registration, grades processing, and custodianship of student records. These activities are integral to the educational activities of students, faculty, and university administration.

Hours: 9:00 AM — 4:00 PM, Monday through Thursday

Phone: +998 77 380-38-94

Email: registrar@aut-edu.uz general inquiries / s.bahodirova@aut-edu.uz Transcripts, enrollment verification, and attestation status

Web: https://aut-edu.uz/

Food Services

The AUT Cafeteria is located in the basement and is open to students, faculty, staff, and visitors on a pay-as-you-go basis. It operates during University working hours, from 9:00 a.m. to 6:00 p.m.

A café and convenience store is located on the first floor, offering coffee, pastries, light refreshments, drinks, packaged snacks, and a limited selection of basic school supplies, such as pens and other stationery items. Vending machines offering drinks and snacks are also available in various locations throughout the building.

Operating hours may vary during holidays, semester breaks, and other changes to the academic schedule. Please refer to the schedules posted on campus for the latest information.

Housing Services

AUT provides students access to dormitory accommodation through a partner university facility in the Almazar district of Tashkent, offering furnished shared rooms and on-site amenities at a published monthly rate of 1,300,000 UZS for male 1.500.000 for females with more comfort. Rooms accommodate four students each; the dormitory is a 15-minute metro ride from AUT campus (nearest station: Beruniy) and includes an on-site fitness center. Any currently enrolled AUT student may apply through the Student Experience Office; placement is subject to availability.

Students in dormitory accommodation remain subject to the AUT Student Code of Conduct. Incidents are reported through the Student Conduct Reporting Form. The Student Experience Office serves as the point of escalation between students and the dormitory operator for welfare or facility-related concerns.

Information Technology Services

In support of its objective, the Information Technology department at AUT provides students, faculty, and staff with access to the University‘s computing, communication, and digital learning resources.

IT Services available to students include:

- Campus Internet and Wi-Fi Access
- AUT Microsoft 365 Account and Email
- Microsoft 365 Applications and Collaboration Services
- Canvas Learning Management System (LMS)
- Student Information System / Student Self-Service Portal
- In - campus IT Support
- Printing Facilities
- Computer Labs and Computing Facilities

Contact and Hours

IT Support is available during the University‘s regular working hours. For all inquiries, please call or email the following:

Hours: 9:00am — 6:00pm

From Monday to Friday

Location: IT Service, Room 411-412

Email: itsupport@aut-edu.uz

Library

The AUT Library serves as the university's central resource for research, teaching, and learning, providing students, faculty, and staff with access to print and digital collections, dedicated research facilities, and individualized support from library staff.

Collections

Academic and General Collection

The academic and general collection supports coursework and research across AUT's programs and is available for borrowing in accordance with the library's borrowing policy.

Textbook Collection

The textbook collection is reserved for in-library use and is not available for borrowing or removal from the library, except where specifically authorized by library staff.

Fiction Collection

The fiction collection supports recreational reading and is available for borrowing by students and other eligible library users, subject to standard loan periods and conditions.

Digital Textbooks (University eLibrary)

The University eLibrary provides students, faculty, and staff with access to digital textbooks and other academic learning materials, complementing the library's physical textbook collection.

ACM Digital Library

AUT maintains institutional access to the ACM Digital Library, a leading scholarly resource for computing and information technology, comprising more than 70 scientific journals, over 170 annual conference proceedings, ACM newsletters, multimedia files, and an integrated Guide to Computing Literature of more than three million publication records. Through AUT's participation in the EIFL agreement, eligible AUT-affiliated authors may publish in participating ACM journals without payment of the standard article processing charge.

Student Dissertations and Diploma Work

The library maintains a collection of dissertations, theses, and diploma work produced by AUT students, preserved in both physical and digital formats to document student research achievement and support future academic work. Access is subject to library rules, copyright requirements, and author permissions.

Institutional Archives

The library preserves selected institutional publications and university communications, including the Student Life magazine and the Rector's Weekly Letter, documenting the academic, cultural, and institutional life of the university.

Circulation

Library users may borrow one book at a time for a standard loan period of two weeks; up to three books may be borrowed during the summer holiday. Borrowed materials must be registered at the circulation desk and returned or renewed by the stated due date, subject to availability. Overdue, damaged, or lost materials may be subject to applicable fees or borrowing restrictions.

Services

Library staff is available to assist students, faculty, and staff with locating books and library resources, accessing electronic databases and scholarly resources, and navigating research materials for assignments and academic work. The library provides computers to support academic research, database searches, scholarly literature review, and the preparation of assignments, dissertations, and diploma work. Students are also invited to join the AUT Library Book Club, which meets twice monthly to encourage reading, discussion, and communication skills beyond the classroom.

Contact and Hours

Library hours may vary throughout the year so we encourage users to contact the Library directly for verification. For all inquiries, please call or email the following:

Hours: 09:00 am — 09:00 pm Monday to Friday

Phone: +998505075190

Email: L2RC@aut-edu.uz

Web: aut-edu.uz

New Student Orientation

At the beginning of each academic semester, all new students are required to participate in the New Student Orientation. During orientation, students meet other new and returning students, faculty, and staff; learn about academic requirements and campus resources; review the AUT Honor Code; set up their student email accounts; learn how to use Canvas, AUT's learning management system; and register for their courses. Additional activities include campus tours, team-building exercises, and educational and social activities led by the Student Governance Association (SGA).

Sports and Recreation Services

The Student Experience Office is committed to providing a wide range of sports activities and programs to meet the needs of AUT's diverse student population. Through a blend of competition, casual play, and healthy-lifestyle habits, student-run sports clubs — including Basketball, Volleyball, Tennis, Running, Chess, Ping-pong, AUTdoors, and Cybersports/ESports — give students structured ways to compete, train, and stay active throughout the year. Clubs run regular training sessions and represent AUT in inter-university tournaments, with a strong culture of sportsmanship across matchups against other universities.

AUT's outdoor sports court supports basketball and volleyball, with additional facilities in progress. For gaming, the dedicated eSports Room is fully furnished with ten high-performance computers and a PlayStation 5. The Recreation Zone gives students a space to unwind and brainstorm — board games, foosball, and piano are available — and the Cinema Room hosts screenings and student-organized movie nights after study hours.

Student Affairs

Academic achievement at AUT is closely tied to what happens outside the classroom. Students who are actively engaged on campus tend to perform better in their coursework. The Student Experience Office provides all students with opportunities for engagement and personal development. Students who wish to find on- or off-campus involvement, join student clubs, or participate in campus events should contact the Student Experience Office.

The Student Experience Office offers programs and services for:

- Student Accommodation — liaison with AUT's partner dormitory facility for housing referrals and welfare concerns
- Career Center — individual career advising, career fairs, and internship placement (delivered with CIEO)
- Sports and Recreation — University sports tournaments, recreational activities, and inter-university competitions
- Orientation and New Student Engagement — onboarding for incoming students at the start of each academic year
- Student Conduct — educational sanction framework, from verbal warning through escalation to formal discipline
- Campus Programming — university-wide cultural, social, and seasonal events
- Student Government Association (SGA) a.k.a Student Council — elected student governance body, selected through an annual campaign and debate-based election process
- Student Clubs and Volunteering — club formation, funding, and volunteer hour recognition

Student Awards

Rector’s Award List

The Rector’s Award includes Honor and High Honor awards. The Registrar’s Office disseminates a Rector’s Award list of honor students at the end of the Fall and Spring semester. Students must meet all of the following eligibility requirements:

Rector's Honors Award List	Rector's High Honors Award List
Complete a min. of 24 credit hours	Complete a min. of 24 credit hours
Achieve a term GPA of 3.5 or higher	Achieve a term GPA of 3.75 or higher
Did not receive a failing grade	Did not receive a failing grade
Did not repeat any courses	Did not repeat any courses
Did not withdraw from any course	Did not withdraw from any course
Did not receive an incomplete grade	Did not receive an incomplete grade
No disciplinary action (incl. pending)	No disciplinary action (incl. pending)
Not on a 'Stop' list (excl. alumni stop)	Not on a 'Stop' list (excl. alumni stop)

The Registrar's Office also issues a Rector's High Honor Award List of honor students each regular semester. To be included a student must have met all the conditions for the Rector's Award and have a 3.75 semester GPA or higher. Grade change submissions made after the first week of the following semester will not be calculated into the honor award criteria.

Student Clubs

Student clubs and organizations are recognized through an official approval process and approved by the Student Government Association. Student clubs and organizations are initiated when enough students indicate interest in forming and leading the activity/group. Faculty advisors assist in keeping the club or organization vibrant and provide leadership to the members.

Student Finance

The Student Finance Office administers and oversees all matters related to tuition payments and other charges students incur while studying at AUAF.

Contact and Hours

For all inquiries, please call or email the following:

Hours: 8:00am — 4:30pm Sunday through Thursday

Phone: +90 (0) 794 558 926

Email: st.finance@auaf.edu.af

Web: https://www.auaf.edu.af/academics/student-finance/

Policies

The Student Finance Manual provides additional guidance on policies associated with refunds, confidentiality, and Scholarship application process.

Student Governance

The American system of higher education encourages the establishment of a student governing body to ensure student representation on campus. Elected annually as full running-group tickets — not as individual candidates — the Student Governance Association (SGA) articulates student views and interests, ensuring students have a voice in shaping university priorities and policies, and providing a structure for greater student involvement on campus. The SGA assists the university with orientation, graduation, and other campus-wide events, and supports AUT's student clubs by helping organize activities and events. The SGA offers recommendations to university senior management on student concerns. Ultimately, the SGA represents AUT in the best possible way at all times. The Student Experience Office administers SGA elections, disburses and audits campaign funding, and advises the Association.

Contact

For all inquiries, please contact the Student Experience Office:

Email: studentaffairs@aut-edu.uz

AWARDS OF DISTINCTION

Honorary Degrees

Doctorate of Human Letters

Candidates exemplify the highest ideals of the university, which seek to educate those who will change the world through innovation, creativity and/or societal leadership, and their commitment to Uzbekistan.