



**ADA University**

**Academic Catalogue**

**2025-2026 Academic Year**

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## Introduction and Announcements

**Nature of Announcements.** Announcements contained in this publication are subject to change without notice and may not be regarded as binding obligations to the University. The University reserves the right to change any provisions or requirements. Only the Chief Academic Officer or designee can approve changes to the Catalog except where otherwise stated within.

When students matriculate with ADA University, they come under the academic requirements of the edition of the Catalog at that time. Students may graduate under these academic requirements even though subsequent Catalogs may change. Academic requirements include competency requirements, general education requirements, grade point average requirements, major course requirements, overall unit requirements and related curriculum matters. Grading practices, tuition, fees, and other matters are not considered to be “academic requirements” and are subject to change at the discretion of the University. Should new changes be to their advantage, undergraduate students may graduate under the conditions of the newer catalog.

**Student Responsibility for Catalog Information.** Students are held individually responsible for the information contained in the Undergraduate and Graduate Catalogs. Failure to read and comply with University regulations will not exempt students from whatever penalties they may incur.

## **Brief History of ADA University**

ADA University was established under decree dated January 13th, 2014, by the President of the Republic of Azerbaijan. The University is a state higher education institution engaging in the delivery of undergraduate and graduate degree programs in addition to the advancement of fundamental and applied research.

The University is the legal heir of the Azerbaijan Diplomatic Academy (ADA) and the Information Technologies University. They were merged in January 2014 to establish ADA University.

Founded on March 6, 2006, the Azerbaijan Diplomatic Academy began offering Advanced Foreign Service Program to diplomats of the Ministry of Foreign Affairs and civil servants in the government, as of January 2007. The Academy launched its first Master of Arts in Diplomacy and International Affairs in September 2009, followed by two bachelor's degree programs in International Studies and Business Administration in September 2011. The Academy expanded to a new "green" and "smart" campus in the City of Baku in September 2012.

Currently, the University's academic enterprise includes the School of Public and International Affairs, School of Business, School of Education, School of Information Technologies and Engineering, School of Law, School of Design and Architecture and School of Agriculture and Food Science. Across all these schools, the University offers 12 undergraduate degrees and 12 graduate degrees.

## **Mission, Vision and Values**

Our mission is to cultivate highly intellectual solution providers who are closely collaborating, effectively communicating members of global community with ethics and sense of citizenship.

To achieve this mission, ADA University continually strives to be a world class Azerbaijani university with an excellence of “müəllim and alim” in an innovative learning culture.

Our core values are:

1. Academic excellence and freedom
2. Accountability and shared governance
3. Honor, integrity and transparency
4. Diversity, collaboration and communication
5. Social responsibility

# Honor Code

ADA University is a community of students, staff, faculty and administrators, united by the common goal of promoting excellence in education, research, and service. ADA University strives to provide state-of-the-art facilities and a supportive environment for its community members to engage in an inspiring and dynamic learning process. The University places a high value and emphasis on the academic success and achievements of its community members. However, this must be obtained in an environment guided by academic honesty, integrity, and with a commitment to personal and mutual accountability. The University's philosophy is centered on the idea that academic integrity and honesty should be promoted not by use of sanctions and threats, but rather by instilling an academic culture grounded by these values. The Honor Code contains a list of academic rules and procedures essential to guide the conduct of students, staff, faculty, and administrators alike. The sanctions contained in this guide are intended only as a last resort, allowing ADA University to defend itself and its reputation against violations of these generally accepted standards of proper academic conduct.

## Principles of Academic Honesty and Integrity

- a. Do Not Lie! Purposefully providing false information by lying, falsifying, deceiving, or fraud is unacceptable behavior at ADA University.
- b. Do Not Cheat! Violating rules of examinations, tests and other assignments as well as accepting unauthorized help is not acceptable behavior at ADA University.
- c. Do Not Plagiarize! Using someone else's intellectual or physical work without giving proper credit to the author or submitting the same paper for two or more classes without receiving prior consent from the necessary authorities, is not acceptable behavior at ADA University.
- d. Do Not Discriminate! Discrimination based on race, gender, ethnicity, religious affiliation, sexual orientation, or disabilities is not acceptable behavior at ADA University.
- e. Do Not Help Others Violate These Principles!

For more information, please see the Honor Code attached herewith.

# Academic Calendar

ADA University operates on an academic year divided into two equal semesters and a summer term.

- The Fall Semester commences the second Monday of September and continues for 15 weeks of instruction.
- The Spring Semester commences the third Monday of January and continues for 15 weeks of instruction.
- The Summer Term commences the fourth Monday of May and continues for 6 weeks of instruction.

English for Academic and Professional Purposes Program (EAPP) follows the same calendar as the degree programs. For EAPP, Fall and Spring Semesters have two (2) sessions, each with 7.5 weeks of instruction, while Summer Term has one (1) session with 6 weeks of instruction.

- Adjusted “Part of term” dates will be added to Academic Calendar and published on ADA University website.

| 2025-2026 ACADEMIC CALENDAR         |                                                  |
|-------------------------------------|--------------------------------------------------|
| FALL semester, 2025                 |                                                  |
| September 8, 2025                   | Graduate and Undergraduate classes begin         |
| September 17, 2025                  | Last day to add/drop classes                     |
| November 8, 2025                    | Victory Day (Zəfər günü) – NO CLASSES            |
| November 10, 2025                   | Victory Day observed – NO CLASSES                |
| November 11, 2025                   | Flag Day observed – NO CLASSES                   |
| November 12, 2025                   | Midterm grades due                               |
| November 15, 2025                   | Last day to withdraw from classes                |
| December 20, 2025                   | Last day of classes                              |
| December 21-22, 2025                | Reading period                                   |
| December 23, 2025 – January 7, 2026 | Final exams                                      |
| December 30, 2025 – January 3, 2026 | New Year Holidays – NO EXAMS                     |
| January 11, 2026                    | Final grades due                                 |
| SPRING semester, 2026               |                                                  |
| January 21, 2026                    | Graduate and Undergraduate classes begin         |
| January 30, 2026                    | Last day to add/drop classes                     |
| March 9, 2026                       | International Women’s Day observed – NO CLASSES  |
| March 18-19, 2026                   | Ramadan Holidays – NO CLASSES                    |
| March 20-24, 2026                   | Novruz Holidays – NO CLASSES                     |
| March 25-26, 2026                   | Novruz Holidays observed – NO CLASSES            |
| April 1, 2026                       | Midterm grades due                               |
| April 4, 2026                       | Last day to withdraw from classes                |
| May 8, 2026                         | Last day of classes                              |
| May 9-10, 2026                      | Reading period                                   |
| May 11-21, 2026                     | Final exams                                      |
| May 25, 2026                        | Final grades due                                 |
| June 18, 2026                       | University Commencement Ceremony (TBC)           |
| SUMMER term, 2026                   |                                                  |
| May 25, 2026                        | Summer term classes begin                        |
| May 27-28, 2026                     | Gurban Holiday and Independence Day – NO CLASSES |
| May 30, 2026                        | Last day to add/drop classes                     |
| June 15, 2026                       | National Salvation Day – NO CLASSES              |
| June 17, 2026                       | Midterm grades due                               |
| June 20, 2026                       | Last day to withdraw from classes                |
| June 26, 2026                       | Day of the Armed Forces – NO CLASSES             |
| July 4, 2026                        | Last day of classes                              |
| July 5-6, 2026                      | Reading period                                   |
| July 7-11, 2026                     | Final exams                                      |
| July 15, 2026                       | Final grades due                                 |

## Academic Policies and Procedures

This section summarizes the body of academic regulations in place at ADA University for the conduct of undergraduate and graduate education.

Students are held individually responsible for the information contained in the University Catalogue. Failure to read and comply with University regulations will not exempt students from whatever penalties they may incur.

Based on a compelling rationale, a petition for an exception may be made with respect to a specific academic regulation by a student or faculty member. Such a petition should be directed in writing to the Dean of a respective academic unit, which will, then, be forwarded to the Vice Rector of Academic Affairs or designee for consideration.

### Academic Progress Toward Degree Completion

To maintain academic progress toward degree completion, students are to maintain a certain GPA.

**Undergraduate students** are to maintain a 2.00 cumulative GPA, as well as a 2.00 GPA in their major.

**Graduate students** are to maintain a 2.75 cumulative GPA.

A Withdrawal (W) in a course constitutes an attempt but not a completion of the course and can adversely impact the student's progress toward degree completion.

Students who are not achieving these requirements may be subject to a probation.

### Good Academic Standing

**Undergraduate students** are in Good Academic Standing if their cumulative GPA is 2.00 or higher and have no other barrier to enroll in classes.

**Graduate students** are in Good Academic Standing if their cumulative GPA is 2.75 or higher and have no other barrier to enroll in classes.

## **Undergraduate Continuance Regulations**

At the end of each semester – Fall and Spring – the academic advisor will review the records of all students who do not maintain a 2.00 grade point average (GPA) and will act according to the following policies, which are summarized below.

### *Academic Probation*

An undergraduate student is placed on academic probation if the student's cumulative GPA falls below 2.00 at the end of a semester. Students who achieve a cumulative GPA of at least 2.00 are restored to good academic standing. Undergraduate students on academic probation are required to adhere to the following rules:

- a. They must take one course less than their standard course load for the respective semester.
- b. They are strongly recommended to repeat failed courses as soon as possible, provided that the courses are offered.
- c. They must regularly meet with their Academic Advisor.
- d. They must participate in a student success program.

## **EAPP Continuance Regulations**

A level is considered to be successfully completed if a student achieves an overall grade of C (73%) or better. If an EAPP student receives an overall grade below "C" (73%) for a session or level, and except for level 1, that student must repeat the entire level. Students may repeat one or more level(s) to complete the EAPP Program as long as they do not exceed the maximum duration for completion of the program (2 academic years).

### *Academic Dismissal*

To complete the EAPP Program and enroll in a degree program, students must successfully complete the upper-intermediate level. All students are expected to complete the EAPP Program and reach the upper-intermediate level within two academic years.

Students who fail to complete the EAPP Program within the maximum duration of 2 academic years are dismissed from the University. Following their dismissal, and after one semester or term, they may reapply for admission to ADA University by submitting one of the following minimum English language proficiency test results: IELTS (6.0), TOEFL iBT (75), PTE (50), or Duolingo (105). A student who is readmitted is governed by the academic and financial requirements as well as by the Academic Catalogue in effect at the time of readmission.

For further details on EAPP Continuance Regulations, students should refer to the relevant document available on the website.

## **Graduate Continuance Regulations**

At the end of each semester – Fall and Spring – the Graduate Program Advisor will review the records of all students who do not maintain a cumulative 2.75 grade point average (GPA) and will act according to the policies summarized below.

### *Academic Probation*

A graduate student is placed on academic probation if the student's cumulative GPA falls below 2.75 at the end of a semester. Students who achieve a cumulative GPA of at least 2.75 during the period mentioned above are removed from academic probation and placed in good academic standing. A graduate student on academic probation may not enroll in more than 18 credits per semester of attendance (no more than 12 credits in the summer term).

If a student is assigned an Incomplete grade and the final assigned grade brings that student's cumulative GPA below the required level, the student will be placed on academic probation at the end of the semester.

Academic dismissal is permanently recorded on the transcript.

## **Cumulative Grade Point Average**

Computation of the cumulative grade point average includes only those in-residence courses taken for conventional grades (A, A-, B+, B, B-, C+, C, C-, D+, D, F, or FX).

The following courses are not included in the grade point average: courses taken on a pass/fail basis, courses numbered below the 1000 level, and courses with an Incomplete grade.

Credits accepted upon transfer from other institutions are included in the total number of credit hours applicable to degree requirements, grades earned in such courses are recorded on the permanent record at ADA University, but are not used in computing the average needed for graduation.

GPA's will not be rounded for purposes of evaluating academic progress toward degree completion of academic standing (e.g., a cumulative or semester GPA of 1.99 will not be rounded to 2.00).

## **Degree Requirements**

Students are expected to graduate under the Catalogue in effect at the time of their first enrolment. The Catalogue year is the year student starts the degree program. Students may not “tailor make” their own degree requirements by selecting partial requirements from more than one catalogue.

## **Evaluation of Academic Performance**

Judgment regarding standards of evaluation for a student's academic performance is a faculty responsibility. Students should consult the policy on Student Academic Grievances for any matters of concern. No single grading component of courses taught at ADA University shall exceed the 40% of the overall course grade.

## **Student Academic Grievances**

In cases of complaint or disagreement over academic matters not resolved by consultation among the parties, the University provides the student the right to initiate a grievance procedure, as described in the Student Academic Grievance Policy, attached herewith.

## Student Enrolment Status

### Degree Students

**Undergraduate students** are considered full-time if enrolled for at least 30 credit hours in a Fall or Spring semester.

**Graduate students** are considered full-time if enrolled for the full-term load in the relevant semester/term as indicated in their program of study. Students must choose their part-time/full-time status before the end of add/drop period in their first year Fall or Spring term. Change of enrolment status beyond the add/drop period of the first year's Spring term is not allowed.

The maximum load for undergraduate and graduate level students in Summer term is considered 12 credits or the maximum of three courses .

To register for more credit hours (overload), students must receive permission from their academic unit.

**Undergraduate students** must have completed at least 30 credit hours and have at least 3.00 cumulative GPA to carry an overload. Overload at undergraduate level is considered as one additional course to the normal load in the relevant semester. Only students in the last year of their studies may take one course overload provided that they have good standing.

**Graduate students** must have completed at least one semester and have at least 3.50 cumulative GPA to carry an overload. Overload in graduate level is considered as one additional course to the normal load in the relevant semester. Only students in the last year of their studies may take one course overload provided that they have good standing.

### Non-degree Students

Non-degree enrollment status is designed for students who wish to take courses offered by ADA University but either do not plan to pursue a degree or are not yet enrolled at ADA University as full-time students.

Non-degree students are allowed to register for no more than 30 credits in total and no more than 12 credits in one semester.

Non-degree enrollment status does not require a formal admission process. However, the University reserves the right to evaluate the applicant's English language skills, academic background, work experience and community involvement to determine their ability to maintain the standards of academic and professional conduct expected at ADA.

Students who want to apply for non-degree status must contact the Office of Admissions and Student Records.

- All non-degree students register on a space available basis.

- Non-degree students are given grades for the courses taken at ADA University, reviewed according to ADA standards of good academic performance, and provided with academic records.
- In case of admission to ADA University degree programs, non-degree students may transfer earned credits according to ADA University credit transfer policy. Such credits can be used for degree if completed no more than 2 years before the admission.
- Non-degree students are charged based on effective financial policies.

Enrolment as a non-degree student does not guarantee acceptance into a degree program.

### **Student Class Standing**

Class standing is determined by the total number of credits that students have earned, with adherence to the policies for repetition of courses, including graded courses at ADA University, or transferred courses.

Credits that are not included in calculating class standing are credits not completed (N, I), or credits not accepted through transfer, examination, or experiential learning.

The following is the range of hours for undergraduate class standing.

First Year: 0-59 credit hours  
 Second Year: 60-119 credit hours  
 Third Year: 120-179 credit hours  
 Fourth Year: 180-240 credit hours or more

The following is the range of hours for graduate class standing:

First Year: 0-41 credit hours  
 Second Year: 42-90 credit hours and more

## **Course Levels**

0999 Non-Credit Courses

1000 Undergraduate first level courses

2000 Undergraduate second level courses

3000 Undergraduate third level courses

4000 Undergraduate fourth level courses

5000 Graduate Courses that are core graduate courses and courses of general importance in the field.

6000 Graduate Courses that are advanced courses for the master's degree in the field of study.

### **Undergraduate Students with Senior Standing taking graduate courses**

Undergraduate degree-seeking students with fourth year class standing and a 3.00 or better cumulative grade point average may be allowed to take up to 12 hours of graduate course work for undergraduate credit during their tenure at undergraduate level, upon approval of their advisor and the Dean. The graduate credit may be used as a substitution for required undergraduate courses only with the approval of the advisor and the Dean of the student's undergraduate program. All graduate hours applied to the undergraduate degree will be counted in the undergraduate grade point average, will appear on the undergraduate transcript, and will be used to determine graduation with honors.

Students may transfer these credits to their graduate program at ADA University within 2 years after the course was taken. The general transfer rules apply in this case.

## **Registration**

### **Initial Course Registration**

Students are responsible for identifying implications for their satisfactory academic progress and enrolment status at the University, including impact on financial aid, which results from any change in registration. Students may consult with Academic Advisors to better understand issues of registration and its impact.

Students are also responsible for verifying that all changes in registration are reflected in their official student record.

Students must be registered to participate in a class. Before registration, students should plan their program with their academic advisor.

### **Add-Drop Period**

The add/drop period is the first 10 days of the semester or the equivalent for summer terms. During the add/drop period, students may add or drop courses or change course sections, except when academic unit or teaching unit explicitly prohibits it, without penalty or notice on their transcript.

### **Drop or Withdraw from a Course**

Dropping a course results in no record of the course on the student's academic transcript. Withdrawing from a course results in a W recorded on the student's academic transcript. In both cases, the cumulative GPA is not affected.

### **Drop a Course**

Students may drop courses except for the last course, on the student portal before the tenth day of classes.

If a student wants to drop all courses before the end of add/drop period and does not enroll in any other courses, the student must contact advisor for a leave or separation from the University. Discontinuation of attendance at a class or notification to the instructor is not sufficient to constitute an official drop from all courses. Occupied University housing must be vacated promptly by students who drop all classes.

### **Withdraw from a Course**

After the end of add/drop period or the equivalent for the summer term, students may withdraw from a course up until the end of the tenth week of the semester or the equivalent for summer term by requesting the course withdrawal on Banner SIS. Some additional restrictions on course withdrawals may apply to specific academic programs and international students. Additional restrictions may also apply to courses used to satisfy the University minimum requirements.

When students withdraw before the end of the tenth week of the semester or equivalent for other terms, a grade of “W” is entered for that course. Discontinuation of attendance at a class or notification to the instructor is not sufficient to constitute an official Withdrawal. The withdrawal policy may not apply if a student has been charged with a violation of the Honor Code or Student Code of Conduct.

A student may not withdraw from a course after the tenth week of class.

Students may withdraw from no more than four courses during their tenure at the University and no more than one course per semester. Undergraduate students on probation may withdraw from two courses per semester.

## **Interruption of Studies Due to Temporary Leaves**

A temporary leave is an interruption in studies from the University for a specified period after which the student is expected to return. A Temporary Leave is initiated by the student in consultation with the student's academic unit.

There are four kinds of temporary leaves:

- general,
- medical,
- military,
- trauma and bereavement leave.

Medical leave covers only personal health reasons. Family health reasons are covered under a general temporary leave.

Students on temporary leave are not registered with the University; therefore, their use of ADA University facilities will be limited to those privileges granted to the public. Students are responsible for understanding the implications of a temporary leave for housing, financial aid and progress toward the degree. International students are advised that taking a temporary leave may affect their student visa status and should consult with the Office of International Students in the Office of Student Services.

Students who do not return at the end of the leave will be automatically separated from the University. Separated students must apply for readmission and must meet current admission criteria and program requirements.

Students may not take more than two years of leave.

### **General Temporary Leave**

Students desiring a Temporary Leave should meet with their academic advisor and fill out Temporary Leave Request form. The academic unit will approve or deny the Temporary Leave request and will notify the Office of Admissions and Student Records when Temporary Leave is granted. Students must request the leave no later than the end of add/drop period in the semester in which the leave will begin.

The Temporary Leave becomes void if the student attends any domestic or foreign college or university during the period of leave, unless the student obtains a Permit to Study at Another Institution or a Medical Permit to Study from the academic unit.

### **Medical Temporary Leave**

Students must request a medical leave of absence through their academic advisor and by filling out Temporary Leave Request form. The duration of a Medical Temporary Leave may be for up to one year for personal health reasons. The student should provide medical documentation

that supports the requested action together with the form. The approved form will be forwarded for the verification to the Office of Admissions and Student Records.

Student who requests Medical Leave after the end of course withdrawal period will receive Incomplete grades from all courses. Such student may resume studies only after resolving all of his/her incomplete grades based on Incomplete grade policy.

When the student is ready to resume studies, the student must submit Resume of Studies form to the Office of Student Records and Registration.

### **Military Temporary Leave**

Students may be required to leave the University to fulfill military obligations. In the instance of such absences, students must inform their academic advisor and submit the Temporary Leave Request form with a copy of their military orders to the Office of Student Records and Registration.

Students may resume their studies at the University if arrangements are made for their return within the first six months following the end of their absence and if the University still offers the degree program. They may continue to work for the same degrees in which they were enrolled at the interruption of their studies in accordance with the regulations in effect at the time they left.

### **Trauma and Bereavement Policy**

In the event of a personal tragedy or trauma, students may need to coordinate alternative arrangements to complete coursework. Students or their authorized representative may contact the academic unit. If students think it is not in their best interest to complete the semester or to return to campus the next semester, they may elect to take a Temporary Leave or separate from the University.

## **Special Course Types**

### **Courses Taken for Audit**

Students do not receive credit for audited courses. Students can take maximum 2 audit courses per semester. Auditing a course during the Summer term is not allowed.

Faculty may establish standards of class participation and/or attendance for auditing students. When a student fails to meet those standards for auditing a course, the instructor will assign the grade of ZO (administrative withdrawal from audit).

**Master Theses and Capstone Projects** At the beginning of their second year, graduate students require a minimum cumulative GPA of 3.50 to be eligible to enroll in the course Master Thesis I. All other students will enroll in the course Capstone I. Students who successfully complete the course Master Thesis I will write a Master Thesis during their last semester. Students who successfully complete the course Capstone I, and students who fail to pass the course Master Thesis I will complete a Capstone Project during their last semester. Students who fail to complete the course Capstone I must repeat the course. Graduate programs of the School of Business and the School of IT and Engineering may have different regulations, which will be specified in the descriptions of the respective programs.

Most of the University's graduate programs require that Master Theses are graded on a Pass/Fail basis (P or FZ; exceptions are specified in the descriptions of the respective programs)

### **Internships and Career Development Skills for Undergraduate and Graduate Students**

Qualified, undergraduate degree-seeking students in all full-time programs must enroll in credit-bearing Internships with Career development course built in them, which are part of the student's studies at ADA University.

Undergraduate students enroll in Career Development Skills and Strategies course during their third year of study. To enroll in Internships, undergraduate students must have completed 120 earned credits, while graduate students must have completed at least 36 credits at the University. Credit hours assigned for undergraduate Career Development Strategies and Skills course is set at 6 ECTS. Internship is a required part of the course to be taken in either Spring or Summer terms of the same Academic year. Students failing Career Development Strategies and Skills component are subject to the retake of the course before progressing into the credit-bearing Internship. Students failing the Internship component of the course should retake only required internship part by completing minimum requirement of 120 hours of work.

General requirement for undergraduate degree students for the credit-bearing internship is - minimum of 120 hours over minimum 4-6 weeks are required for each internship.

Graduate degree-seeking students in all full-time programs of the School of Public and International Affairs, and the School of Education have credit-bearing Internship offered to them as a Technical elective within their programs of study at ADA University.

Graduate Credit-bearing internship course as a Technical elective is set at 6 ECTS. General requirement for the credit-bearing internship is - minimum of 180 hours over minimum 5-6 weeks including in-class Internship seminar hours.

All students, with the permission of their instructors, may vary their scheduled hours if they meet the total minimum requirement by the end of the term. Students who elect to work more than the minimum may do so, without any impact on the credit hours. Internships can be paid or unpaid consisting of work assignments with a significant experiential component under the guidance of an ADA University instructor. Instructor and teaching unit approvals are required for internships. An important component of any internship is the availability of an internship placement opportunity that will provide sufficient substantive work to merit academic credit. To receive academic credit, the work for the internship must be more substantive than administrative, with non-administrative work comprising in general at least sixty percent (60%) of the work performed. The course instructor must provide the student an academic syllabus with clear learning outcomes for the course and internship, communicate regularly with the student, and require assignments designed to provide a foundation and support for the internship. The assigned faculty mentor is responsible for the assessment of the student's internship performance, which must include an assessment by the workplace supervisor. The workplace supervisor's assessment can count for no more than half the final grade. The academic component of the course must be valued as at least half of the final grade.

Internships and undergraduate Career Development Skills and Strategies (CDSS) course are graded as Pass/Fail. Detailed Guidelines and Forms for the Credit-bearing internship will be provided within the CDSS course by the School Career Advisor to all undergraduate students. Graduate students taking internship as a Technical elective should be provided with detailed program and syllabus of the course within in-class seminars by the course Instructor.

### **Substituting Courses**

In cases where repeating a failed course or taking a course from Program of Study is not possible due to discontinuation of a course, a student may petition to substitute one course for another, as long as the course content is significantly similar. The substitute course must be at the same level as the original course. Lower level courses may not be used to substitute for upper level courses.

The student's academic advisor and the Dean of the student's program must approve of the substitution by signing the Course Substitute form. If approved, the grade in the new course taken will be included in the GPA calculation. In case of a repeat of a discontinued course the grade of the first course taken will remain on the transcript with an asterisk and will be excluded from the GPA and earned credit calculation. The grade for the substitute course will be included

in the GPA and earned credit calculation.

In cases when a course is discontinued, and substitution is not possible, the course requirement can be waived upon the approval of Academic advisor and the Dean. A course waiver does not decrease the overall credit requirements for graduation.

## **Separation or Suspension from the University**

### **Voluntary Separation**

Students in good academic standing wishing to separate from the University the following semester must notify the Office of Admissions and Student Records and may do so at any time up to and inclusive of the last day of classes, provided their academic progress during the semester does not result in academic dismissal.

A student who is considering separating from the University should consult with the academic unit as soon as possible to determine whether there are other more viable alternatives.

A separation can be initiated by the student or a representative of the University.

Separations requested after the last day of instruction or by students on academic probation will only be approved by the academic unit if the student's academic progress does not result in academic dismissal.

A separation from the University results in the loss of active student status.

Students who are eligible to enroll in courses for a semester, but who do not enroll, will be separated from the University.

Following a separation, students in good academic standing, on probation 1 and with no academic standing can apply to the University admissions office for re-admission in the following year and regain active student status. Students who separate from the University after the end of course withdrawal period may only resume their studies after completing one semester away from university. Students who separate from the University and are subsequently readmitted, will not be readmitted again after they separate from the University second time for any reason.

### **Involuntary Non-Academic Suspension**

The University may suspend a student from the University for an interim period pending disciplinary or criminal proceedings or medical evaluation regarding behavior relevant to such proceedings.

The interim suspension will be effective immediately without prior notice whenever there is evidence that the continued presence of the student at the University poses a substantial and immediate threat to him or herself, to others, or to the stability and continuance of normal University functions. Interim suspension excludes students from university premises and other privileges or activities.

# Student Records and Registration

The Office of Admissions and Student Records ensures the integrity, accuracy and security of all academic records of current and former students; facilitates effective student registration and enrolment; builds and manages secure student data files and sets policy and procedure for their responsible use; maintains up-to-date course schedules, catalogs, final examination schedules; manages efficient use of classrooms; and supervises and maintains the Banner Student Information System.

The Office of Admissions and Student Records processes the articulation of transfer credits, graduation and certification of baccalaureate and master's degrees, enrolment and degree verification, production of official transcripts, diplomas and commencement ceremonies. The Office of Admissions and Student Records counsels and advises students, faculty, and staff on academic matters; and interprets and enforces policies and regulations of the University and national educational standards.

The Office of Admissions and Student Records is responsible for:

- Managing Student Information Systems (Banner Student System and Power Campus [legacy])
- Interpretation and enforcement of University academic policies
- Preparing academic documentation in accordance with legislation of Azerbaijan
- Preparing academic reports for the government agencies
- Collaborating with all university units to facilitate and improve academic service
- Academic registration, add/drop and withdrawal process
- Academic scheduling
- Scheduling of the final examination
- Reserving classrooms for special meetings, etc.
- Preparing the University calendar
- Certifying University degrees
- Certification of eligibility for honors
- Providing student-related information to University offices and departments
- Security of student records
- Transcript service
- Academic advising support
- Verification of application for major records and transfers
- Assisting in curriculum development and modification
- Noting exceptions to academic policies, including academic records, course substitutions, grade changes, and overload approvals
- Coordinating of the grade appeal process
- Monitoring student leaves and withdrawals
- Assisting in the development of annual enrolment goals

The Office of Admissions and Student Records intends to serve all students—prospective, current and former. Please contact us either electronically or in person for additional information.

## **Academic Forms**

The following forms are available from the Office of Student Records and Registration. A form must be printed, filled out and signed to become official.

Forms may be scanned and emailed to the Office of Admissions and Student Records at [records@ada.edu.az](mailto:records@ada.edu.az)

Course Substitution Form

Credit Transfer Form

Course Waiver Form

Grade Appeal Form

Grade Change Form

Incomplete Grade Form

Name Change Form

Resume of Studies Form

Readmission Form

Second Career Declaration Form

Temporary Leave Request Form

Voluntary Separation Form

Office of Admissions and Student Records

Tel: (+994 12) 437 3235

Fax: (+994 12) 437 3236

E-mail: [records@ada.edu.az](mailto:records@ada.edu.az); [registration@ada.edu.az](mailto:registration@ada.edu.az)

# Programs of Study

## Definitions

A Catalog year – defines the academic year when the student starts the degree studies (Foundation Program).

A prerequisite - is a course that must be completed prior to enrolling in a specific course. Generally, the prerequisite course is taught at a lower level and covers theories and skills that student will be expected to know before taking the higher-level course. Example, It is required to complete CSCI 1101 - Programming Principles I with minimum B- or CSCI 1202 - Programming Principles II with minimum D grade for being eligible to enroll in CSCI 2304 - Data Structure & Algorithms course.

A corequisite - is a course that must be taken simultaneously in order to enroll in another course. Example, PHYS 1201 - Physics I course is a corequisite of PHYS 1201L - Physics I Lab. Therefore, these two courses must be taken at the same time.

An anti-requisite - is a course with substantially overlapping content as another course and therefore, prevents student from taking that course for which it stands as an anti-requisite. Example, STAT 2301 - Business Statistics course is anti-requisite of STAT 1101 - Introduction to Statistics course. Therefore, student who should take STAT 2301 - Business Statistics course as part of their Program of study requirement cannot enroll in STAT 1101 - Introduction to Statistics course.

## School of Agricultural and Food Sciences

Catalog year

Component Areas (CA)

|      |    |                 |
|------|----|-----------------|
| 2025 | UC | University Core |
|      | SC | School Core     |
|      | MC | Major Core      |
|      | ME | Major Elective  |
|      | FE | Free Elective   |
|      | IN | Internship      |

\*Major elective course list for this school programs' is to be defined.

## Bachelor of Science in Agricultural Technologies

|                |        | COURSE CODE                                              | CA                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ | COREQ     | PREREQ    |
|----------------|--------|----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------|-----------|-----------|
|                |        |                                                          |                                   |                                                                                                                                   |      |         |           |           |
| FIRST YEAR     | FALL   | AGFD 1100                                                | SC                                | Introduction to Smart Agricultural Systems                                                                                        | 6    |         |           |           |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |           |
|                |        | MATH 1100                                                | UC                                | Pre-Calculus                                                                                                                      | 6    |         |           |           |
|                |        | COMM 1200                                                | UC                                | Public Speaking & Persuasion                                                                                                      | 6    |         |           |           |
|                |        | WRIT 1101                                                | UC                                | Writing and Information Literacy I                                                                                                | 6    |         |           |           |
|                |        | PDEV 0901                                                | UC                                | My ADA                                                                                                                            |      |         |           |           |
|                | SPRING | AGFD 1200                                                | SC                                | Introduction to Sustainable Food Systems                                                                                          | 6    |         |           |           |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |           |
|                |        | PDEV 2302                                                | UC                                | Data & Computing Skills                                                                                                           | 6    |         |           | PDEV 0901 |
|                |        | SOCS 1102                                                | UC                                | Global Perspectives                                                                                                               | 6    |         |           |           |
| WRIT 1202      |        | UC                                                       | Writing & Information Literacy II | 6                                                                                                                                 |      |         | WRIT 1101 |           |
| SECOND YEAR    | FALL   | CHEM 2301                                                | MC                                | Chemistry                                                                                                                         | 6    |         |           |           |
|                |        | AFCN 2300                                                | MC                                | Agricultural & Food Economics                                                                                                     | 6    |         |           |           |
|                |        | MATH 2308                                                | MC                                | Mathematics & Statistics                                                                                                          | 6    |         |           |           |
|                |        | PHYS 2302                                                | MC                                | Physics                                                                                                                           | 6    |         |           |           |
|                |        | BIOL 2300                                                | MC                                | Botany                                                                                                                            | 6    |         |           |           |
|                | SPRING | TBD                                                      | MC                                | Agricultural Genetics                                                                                                             | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Agricultural Microbiology                                                                                                         | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Soil Chemistry                                                                                                                    | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Agricultural Chemistry & Soil Fertility                                                                                           | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Writing and Reporting in Azerbaijani                                                                                              | 6    |         |           |           |
| THIRD YEAR     | FALL   | TBD                                                      | MC                                | Agronomy                                                                                                                          | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Agrometeorology & Agricultural Ecology                                                                                            | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Arboriculture                                                                                                                     | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Microbiology Applied to Plant Production                                                                                          | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Agricultural Entomology                                                                                                           | 6    |         |           |           |
|                | SPRING | TBD                                                      | MC                                | Plant Pathology I: Micology                                                                                                       | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Plant Pathology II: Virology & Bacteriology                                                                                       | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Horticulture                                                                                                                      | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Herbaceous Crops                                                                                                                  | 6    |         |           |           |
|                |        | TBD                                                      | IN                                | Internship                                                                                                                        | 6    |         |           |           |
| FOURTH YEAR    | FALL   | TBD                                                      | MC                                | Plant Breeding                                                                                                                    | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Agricultural Machinery                                                                                                            | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Hydraulics & Agricultural Water Management                                                                                        | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Land Survey, Cartography & Rural Planning                                                                                         | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Rural Appraisal                                                                                                                   | 6    |         |           |           |
|                | SPRING | TBD                                                      | MC                                | Viticulture                                                                                                                       | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Nature-Based Systems for Water Management & Protection                                                                            | 6    |         |           |           |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |         |           |           |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |         |           |           |
|                |        | TBD                                                      | MC                                | Final Exam                                                                                                                        | 6    |         |           |           |
| Total Credits: |        |                                                          |                                   |                                                                                                                                   | 240  |         |           |           |

## Bachelor of Science in Food Technologies

|                |        | COURSE CODE                                              | CA | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ | COREQ | PREREQ    |
|----------------|--------|----------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|------|---------|-------|-----------|
| FIRST YEAR     | FALL   | AGFD 1100                                                | SC | Introduction to Smart Agricultural Systems                                                                                        | 6    |         |       |           |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |       |           |
|                |        | MATH 1100                                                | UC | Pre-Calculus                                                                                                                      | 6    |         |       |           |
|                |        | COMM 1200                                                | UC | Public Speaking & Persuasion                                                                                                      | 6    |         |       |           |
|                |        | WRIT 1101                                                | UC | Writing and Information Literacy I                                                                                                | 6    |         |       |           |
|                |        | PDEV 0901                                                | UC | My ADA                                                                                                                            |      |         |       |           |
|                | SPRING | AGFD 1200                                                | SC | Introduction to Sustainable Food Systems                                                                                          | 6    |         |       |           |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |       |           |
|                |        | PDEV 2302                                                | UC | Data & Computing Skills                                                                                                           | 6    |         |       | PDEV 0901 |
|                |        | SOCS 1102                                                | UC | Global Perspectives                                                                                                               | 6    |         |       |           |
|                |        | WRIT 1202                                                | UC | Writing & Information Literacy II                                                                                                 | 6    |         |       | WRIT 1101 |
|                |        |                                                          |    |                                                                                                                                   |      |         |       |           |
| SECOND YEAR    | FALL   | CHEM 2301                                                | MC | Chemistry                                                                                                                         | 6    |         |       |           |
|                |        | FDTC 2300                                                | MC | Quality Management in the Food Industry                                                                                           | 6    |         |       |           |
|                |        | MATH 2308                                                | MC | Mathematics & Statistics                                                                                                          | 6    |         |       |           |
|                |        | PHYS 2303                                                | MC | Technical Physics                                                                                                                 | 6    |         |       |           |
|                |        | CHEM 2302                                                | MC | Biochemistry                                                                                                                      | 6    |         |       |           |
|                |        |                                                          |    |                                                                                                                                   |      |         |       |           |
|                | SPRING | TBD                                                      | MC | Stoichiometry & Chemical Processes                                                                                                | 6    |         |       |           |
|                |        | TBD                                                      | MC | Organic Chemistry                                                                                                                 | 6    |         |       |           |
|                |        | TBD                                                      | MC | Food & Process Engineering Technology                                                                                             | 6    |         |       |           |
|                |        | TBD                                                      | MC | Food Business Management                                                                                                          | 6    |         |       |           |
|                |        | TBD                                                      | MC | Writing & Reporting in Azerbaijani                                                                                                | 6    |         |       |           |
|                |        |                                                          |    |                                                                                                                                   |      |         |       |           |
| THIRD YEAR     | FALL   | TBD                                                      | MC | Biology of Microorganisms                                                                                                         | 6    |         |       |           |
|                |        | TBD                                                      | MC | Hygiene & Inspection of Animal Origin Foods                                                                                       | 6    |         |       |           |
|                |        | TBD                                                      | MC | Zoo culture                                                                                                                       | 6    |         |       |           |
|                |        | TBD                                                      | MC | Food Crop Ecology & Productions                                                                                                   | 6    |         |       |           |
|                |        | TBD                                                      | MC | Unit Operations & Applications                                                                                                    | 6    |         |       |           |
|                |        |                                                          |    |                                                                                                                                   |      |         |       |           |
|                | SPRING | TBD                                                      | MC | Human Nutrition                                                                                                                   | 6    |         |       |           |
|                |        | TBD                                                      | MC | Special Zootechny                                                                                                                 | 6    |         |       |           |
|                |        | TBD                                                      | MC | Fruit Science                                                                                                                     | 6    |         |       |           |
|                |        | TBD                                                      | MC | Food Law & Policy                                                                                                                 | 6    |         |       |           |
|                |        | TBD                                                      | IN | Internship                                                                                                                        | 6    |         |       |           |
|                |        |                                                          |    |                                                                                                                                   |      |         |       |           |
| FOURTH YEAR    | FALL   | TBD                                                      | MC | Food Technology & Packaging                                                                                                       | 6    |         |       |           |
|                |        | TBD                                                      | MC | Chemical Analysis of Food Products                                                                                                | 6    |         |       |           |
|                |        | TBD                                                      | MC | Sensory Analysis of Food Products                                                                                                 | 6    |         |       |           |
|                |        | TBD                                                      | MC | Pathology & Parasitology of Products and Goods                                                                                    | 6    |         |       |           |
|                |        | TBD                                                      | MC | Food Microbiology                                                                                                                 | 6    |         |       |           |
|                |        |                                                          |    |                                                                                                                                   |      |         |       |           |
|                | SPRING | TBD                                                      | MC | Industrial Microbiology                                                                                                           | 6    |         |       |           |
|                |        | TBD                                                      | MC | Enology                                                                                                                           | 6    |         |       |           |
|                |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |         |       |           |
|                |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |         |       |           |
|                |        | TBD                                                      | MC | Final Exam                                                                                                                        | 6    |         |       |           |
| Total Credits: |        |                                                          |    |                                                                                                                                   | 240  |         |       |           |

## Bachelor of Science in Animal Sciences

|                         |        | COURSE CODE                                              | CA                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ | COREQ     | PREREQ |
|-------------------------|--------|----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------|-----------|--------|
| FIRST YEAR - FOUNDATION | FALL   | AGFD 1100                                                | SC                                | Introduction to Smart Agricultural Systems                                                                                        | 6    |         |           |        |
|                         |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |        |
|                         |        | MATH 1100                                                | UC                                | Pre-Calculus                                                                                                                      | 6    |         |           |        |
|                         |        | COMM 1200                                                | UC                                | Public Speaking & Persuasion                                                                                                      | 6    |         |           |        |
|                         |        | WRIT 1101                                                | UC                                | Writing & Information Literacy I                                                                                                  | 6    |         |           |        |
|                         |        | PDEV 0901                                                | UC                                | My ADA                                                                                                                            |      |         |           |        |
|                         | SPRING | AGFD 1200                                                | SC                                | Introduction to Sustainable Food Systems                                                                                          | 6    |         |           |        |
|                         |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |        |
|                         |        | PDEV 2302                                                | UC                                | Data & Computing Skills                                                                                                           | 6    |         |           |        |
|                         |        | SOCS 1102                                                | UC                                | Global Perspectives                                                                                                               | 6    |         |           |        |
| WRIT 1202               |        | UC                                                       | Writing & Information Literacy II | 6                                                                                                                                 |      |         | WRIT 1101 |        |
|                         |        |                                                          |                                   |                                                                                                                                   |      |         |           |        |
| SECOND YEAR             | FALL   | TBD                                                      | MC                                | Chemistry                                                                                                                         | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Anatomy                                                                                                                           | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Mathematics & Statistics                                                                                                          | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Physics                                                                                                                           | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Biochemistry                                                                                                                      | 6    |         |           |        |
|                         | SPRING | TBD                                                      | MC                                | Genetic & Morphological Evaluation of Livestock                                                                                   | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Physiology                                                                                                                        | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Animal Genetic Improvement                                                                                                        | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Agricultural Economics                                                                                                            | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Writing & Reporting in Azerbaijani                                                                                                | 6    |         |           |        |
| THIRD YEAR              | FALL   | TBD                                                      | MC                                | Comparative Pathology of Animals                                                                                                  | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Epidemiology & Veterinary Parasitology                                                                                            | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Food Hygiene                                                                                                                      | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Microbiology Applied to Animal-based Productions                                                                                  | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Animal Nutrition & Feeding                                                                                                        | 6    |         |           |        |
|                         | SPRING | TBD                                                      | MC                                | Animal Feed Production                                                                                                            | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Machines & Systems for Livestock Husbandry                                                                                        | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Agronomy & Herbaceous Cultivations                                                                                                | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Economics of Livestock Production                                                                                                 | 6    |         |           |        |
|                         |        | TBD                                                      | EN                                | Internship                                                                                                                        | 6    |         |           |        |
| FOURTH YEAR             | FALL   | TBD                                                      | MC                                | Forage systems                                                                                                                    | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Animal Reproduction                                                                                                               | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Hygiene & Safety in Livestock Farming                                                                                             | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Aquaculture                                                                                                                       | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Processing & Quality of Foods of Animal Origin                                                                                    | 6    |         |           |        |
|                         | SPRING | TBD                                                      | MC                                | Dairy Cow & Beef Cattle Production                                                                                                | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Poultry Production                                                                                                                | 6    |         |           |        |
|                         |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |         |           |        |
|                         |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |         |           |        |
|                         |        | TBD                                                      | MC                                | Final Exam                                                                                                                        | 6    |         |           |        |
| Total Credits:          |        |                                                          |                                   |                                                                                                                                   | 240  |         |           |        |

## Master of Science in Agricultural and Food Systems Management

|             |        | COURSE CODE            | CA | COURSE TITLE                                                                                                                                    | ECTS                  | ANTIREQ    | COREQ | PREREQ |
|-------------|--------|------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|-------|--------|
|             |        |                        |    |                                                                                                                                                 |                       |            |       |        |
| FIRST YEAR  | FALL   | ACCT 5102              | MC | Strategic Cost Management                                                                                                                       | 6                     |            |       |        |
|             |        | ACCT 5103              | MC | Business Performance Analysis                                                                                                                   | 6                     |            |       |        |
|             |        | FINC 5103              | MC | Corporate Valuation                                                                                                                             | 6                     |            |       |        |
|             |        | AFCN 5100              | MC | Food Economics                                                                                                                                  | 6                     |            |       |        |
|             |        | ECON 5203              | MC | Econometrics for Management                                                                                                                     | 6                     |            |       |        |
|             | SPRING | GMGT 5207              | MC | People Management                                                                                                                               | 6                     |            |       |        |
|             |        | AFCN 5200              | MC | Data Mining                                                                                                                                     | 6                     |            |       |        |
|             |        | ECON 5105              | MC | Behavioral Decision Making                                                                                                                      | 6                     |            |       |        |
|             |        | SMGT 5201              | MC | Strategic Organization                                                                                                                          | 6                     |            |       |        |
|             |        | AFCN 5201              | MC | International Finance                                                                                                                           | 6                     |            |       |        |
| SECOND YEAR | FALL   | AFCN 6390<br>AFCN 6399 | MC | Capstone I<br>or<br>Master's Thesis I                                                                                                           | 6                     |            |       |        |
|             |        | AFCN 6301              | MC | Food Supply Chain Management & Sustainability                                                                                                   | 6                     |            |       |        |
|             |        | AFCN 6302              | MC | International Agri-food Marketing & Quality Management                                                                                          | 6                     |            |       |        |
|             |        | AFCN 6303              | MC | Policies for Sustainable Food Systems:<br>-Global Policies for Sustainable Food Systems (module 1)<br>- Agricultural & Food Policies (module 2) | 12                    |            |       |        |
|             | SPRING | AFCN 6490<br>AFCN 6499 | MC | Capstone II<br>or<br>Master's Thesis II                                                                                                         | 6                     |            |       |        |
|             |        | AFCN 6304              | MC | Research, Innovation & Communication in the Food Industry                                                                                       | 6                     |            |       |        |
|             |        | AFCN 6300              | MC | Local Food System Management                                                                                                                    | 6                     |            |       |        |
|             |        | ***                    | ME | Major Elective                                                                                                                                  | 6                     |            |       |        |
|             |        | ***                    | ME | Major Elective                                                                                                                                  | 6                     |            |       |        |
|             |        |                        |    |                                                                                                                                                 | <i>Total Credits:</i> | <i>120</i> |       |        |

## School of Business

Catalog year

Component Areas (CA)

2025

|    |                 |
|----|-----------------|
| UC | University Core |
| SC | School Core     |
| MC | Major Core      |
| ME | Major Elective  |
| FE | Free Elective   |
| IN | Internship      |

\*Students who enrolled prior to Fall 2025 should consult their academic advisors for the correct program of study and information about changes in the course numbering system.

## Bachelor of Business Administration

| FIRST YEAR     |        | COURSE CODE                                              | CA                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                            | COREQ     | PREREQ    |
|----------------|--------|----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------|-----------|-----------|
|                | FALL   | ECON 1103                                                | SC                                | Principles of Economics I                                                                                                         | 6    |                                    |           |           |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                    |           |           |
|                |        | MATH 1100                                                | UC                                | Pre-Calculus                                                                                                                      | 6    |                                    |           |           |
|                |        | COMM 1200                                                | UC                                | Public Speaking & Persuasion                                                                                                      | 6    |                                    |           |           |
|                |        | WRIT 1101                                                | UC                                | Writing & Information Literacy I                                                                                                  | 6    |                                    |           |           |
|                |        | PDEV 0901                                                | UC                                | My ADA                                                                                                                            |      |                                    |           |           |
|                | SPRING | MATH 1001                                                | SC                                | Calculus I                                                                                                                        | 6    | MATH 1111                          |           | MATH 1100 |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                    |           |           |
|                |        | PDEV 2302                                                | UC                                | Data & Computing Skills                                                                                                           | 6    |                                    |           |           |
| SOCS 1102      |        | UC                                                       | Global Perspectives               | 6                                                                                                                                 |      |                                    |           |           |
| WRIT 1202      |        | UC                                                       | Writing & Information Literacy II | 6                                                                                                                                 |      |                                    | WRIT 1101 |           |
| SECOND YEAR    | FALL   | STAT 2301                                                | MC                                | Business Statistics                                                                                                               | 6    | MATH2406<br>STAT 2311<br>STAT 2412 |           |           |
|                |        | BUSA 1100                                                | MC                                | Fundamentals of Business                                                                                                          | 6    |                                    |           |           |
|                |        | ACCT 1200                                                | MC                                | Financial Accounting                                                                                                              | 6    |                                    |           |           |
|                |        | ECON 2101                                                | MC                                | Principles of Economics II                                                                                                        | 6    |                                    |           |           |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                    |           |           |
|                | SPRING | STAT 2402                                                | MC                                | Business Statistics: Application                                                                                                  | 6    | ECON 3501                          |           | STAT 2301 |
|                |        | FINC 2400                                                | MC                                | Principles of Finance                                                                                                             | 6    |                                    |           |           |
|                |        | MRKT 2400                                                | MC                                | Principles of Marketing                                                                                                           | 6    |                                    |           |           |
|                |        | ACCT 3500                                                | MC                                | Managerial Accounting                                                                                                             | 6    |                                    |           | ACCT 1200 |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                    |           |           |
| THIRD YEAR     | FALL   | MGMT 2300                                                | MC                                | Organizational Behaviour                                                                                                          | 6    | PUBA 2400                          |           |           |
|                |        | MGMS 3500                                                | MC                                | Operations Management                                                                                                             | 6    |                                    |           | STAT 2301 |
|                |        | MRKT 3500                                                | MC                                | Marketing Management                                                                                                              | 6    |                                    |           | MRKT 2400 |
|                |        | FINC 4700                                                | MC                                | Corporate Finance                                                                                                                 | 6    |                                    |           | FINC 2400 |
|                |        | PDEV 3900                                                | IN                                | Career Development Skills and Strategies                                                                                          | 6    |                                    |           | 120 ECTS  |
|                | SPRING | FINC 3600                                                | MC                                | Financial Investments                                                                                                             | 6    |                                    |           | FINC 2400 |
|                |        | BUSA 3600                                                | MC                                | Entrepreneurship                                                                                                                  | 6    |                                    |           |           |
|                |        | MIDS 3600                                                | MC                                | Management Information Systems                                                                                                    | 6    | MIDS 3601                          |           | STAT 2402 |
|                |        | BUSA 3601                                                | MC                                | Corporate Communications                                                                                                          | 6    | MCOM 4705                          |           | MGMT 2300 |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                    |           |           |
| FOURTH YEAR    | FALL   | BUSA 4790                                                | MC                                | Business Policy & Strategy - Capstone I                                                                                           | 6    |                                    |           | 150 ECTS  |
|                |        | SMGT 4700                                                | MC                                | Strategic Management                                                                                                              | 6    |                                    |           | BUSA 3601 |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                    |           |           |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                    |           |           |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                    |           |           |
|                | SPRING | BUSA 4890                                                | MC                                | Business Policy & Strategy - Capstone II                                                                                          | 6    |                                    |           | BUSA 4790 |
|                |        | BLAW 4800                                                | MC                                | Business Law                                                                                                                      | 6    |                                    |           |           |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                    |           |           |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                    |           |           |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                    |           |           |
| Total Credits: |        |                                                          |                                   |                                                                                                                                   | 240  |                                    |           |           |

## Major Electives: Bachelor of Business Administration

|    |           |    |                                                 |   |           |  |           |
|----|-----------|----|-------------------------------------------------|---|-----------|--|-----------|
| 1  | ACCT 4701 | ME | Topics in Accounting: Financial Reporting I     | 6 |           |  | ACCT 1200 |
| 2  | ACCT 4702 | ME | Topics in Accounting: Financial Reporting II    | 6 |           |  | ACCT 4701 |
| 3  | MGMT 4700 | ME | Topics in Management: Human Resource Management | 6 |           |  | MGMT 2300 |
| 4  | BUSA 4701 | ME | Topics in Management: Project Management        | 6 |           |  | MGMS 3500 |
| 5  | FINC 4701 | ME | Topics in Finance: Corporate Valuation          | 6 |           |  | FINC 2400 |
| 6  | FINC 4704 | ME | Banking                                         | 6 |           |  | FINC 2400 |
| 7  | MGMS 4700 | ME | Topics in Operations: International Logistics   | 6 |           |  | MGMS 3500 |
| 8  | MGMS 4702 | ME | Topics in Operations: Procurement               | 6 |           |  | MGMS 3500 |
| 9  | MRKT 4701 | ME | Topics in Marketing: Digital Marketing          | 6 | MRKT 4704 |  | MRKT 3500 |
| 10 | MRKT 4703 | ME | Topics in Marketing: Brand Management           | 6 |           |  | MRKT 3500 |
| 11 | BUSA 4702 | ME | Topics in Business: Risk Management             | 6 |           |  | BUSA 3600 |
| 12 | MIDS 4700 | ME | Topics in Business: Business Analytics          | 6 |           |  | STAT 2402 |

## Bachelor of Science in Economics

|                | COURSE CODE                                              | CA | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                | COREQ     | PREREQ                             |
|----------------|----------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|------|------------------------|-----------|------------------------------------|
| FIRST YEAR     | MATH 1100                                                | UC | Pre-Calculus                                                                                                                      | 6    |                        |           |                                    |
|                | COMM 1200                                                | UC | Public Speaking & Persuasion                                                                                                      | 6    |                        |           |                                    |
|                | SOCs<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                        |           |                                    |
|                | WRIT 1101                                                | UC | Writing & Information Literacy I                                                                                                  | 6    |                        |           |                                    |
|                | PDEV 0901                                                | UC | My ADA                                                                                                                            | 6    |                        |           |                                    |
|                | ECON 1103                                                | SC | Principles of Economics I                                                                                                         |      |                        |           |                                    |
|                | PDEV 2302                                                | UC | Data & Computing Skills                                                                                                           | 6    |                        |           |                                    |
|                |                                                          | UC | Global Perspectives                                                                                                               | 6    |                        |           |                                    |
|                | WRIT 1202                                                | UC | Writing & Information Literacy II                                                                                                 | 6    |                        |           | WRIT 1101                          |
|                | SOCs<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                        |           |                                    |
| SECOND YEAR    | MATH 1001                                                | SC | Calculus I                                                                                                                        | 6    | MATH 1111              |           | MATH 1100                          |
|                | STAT 2311                                                | MC | Mathematical Statistics I                                                                                                         | 6    | MATH 2406              | MATH 1202 |                                    |
|                | MATH 1202                                                | MC | Calculus II                                                                                                                       | 6    | MATH 1222              |           |                                    |
|                | ACCT 1200                                                | MC | Financial Accounting                                                                                                              | 6    |                        |           |                                    |
|                | ECON 2101                                                | MC | Principles of Economics II                                                                                                        | 6    |                        |           |                                    |
|                | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                        |           |                                    |
|                | STAT 2412                                                | MC | Mathematical Statistics II                                                                                                        | 6    | MATH 2406              |           | STAT 2311                          |
|                | ECON 2301                                                | MC | Intermediate Microeconomics                                                                                                       | 6    |                        |           | ECON 1101<br>MATH 1001             |
|                | ECON 2402                                                | MC | Intermediate Macroeconomics                                                                                                       | 6    |                        |           | ECON 1202                          |
|                | MATH 2400                                                | MC | Linear Algebra                                                                                                                    | 6    | MATH 3501<br>MATH 2405 |           |                                    |
| THIRD YEAR     | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                        |           |                                    |
|                | ECON 3501                                                | MC | Econometrics I                                                                                                                    | 6    |                        |           | STAT 2412                          |
|                | ECON 3500                                                | MC | International Trade                                                                                                               | 6    | ECON 4802              |           | ECON 2301                          |
|                | MATH 3500                                                | MC | Mathematics for Economics                                                                                                         | 6    |                        |           | MATH 1001<br>MATH 2400             |
|                | ECON 3600                                                | MC | Game Theory                                                                                                                       | 6    |                        |           | ECON 2301                          |
|                | PDEV 3900                                                | IN | Career Development Skills & Strategies                                                                                            | 6    |                        |           | 120 ECTS                           |
|                | ECON 3601                                                | MC | Public Finance                                                                                                                    | 6    | PUBA 3601              |           | ECON 2301                          |
|                | ECON 3602                                                | MC | Econometrics II                                                                                                                   | 6    |                        |           | ECON 3501                          |
|                | ECON 3603                                                | MC | International Finance                                                                                                             | 6    | ECON 4802              |           | ECON 1202                          |
|                | FINC 2400                                                | MC | Principles of Finance                                                                                                             | 6    |                        |           |                                    |
| FOURTH YEAR    | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                        |           |                                    |
|                | ECON 4700                                                | MC | Money, Banking & Financial Markets                                                                                                | 6    |                        |           | ECON 1202                          |
|                | ECON 4801                                                | MC | Azerbaijani Economy                                                                                                               | 6    |                        |           | 150 ECTS<br>ECON 2402<br>ECON 3501 |
|                | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                        |           |                                    |
|                | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                        |           |                                    |
|                | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                        |           |                                    |
|                | ECON 4890                                                | MC | Economic Policy Analysis - Capstone                                                                                               | 6    |                        |           | 180 ECTS                           |
|                | ECON 4702                                                | MC | Labor Economics                                                                                                                   | 6    |                        |           | ECON 3602                          |
|                | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                        |           |                                    |
|                | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                        |           |                                    |
| Total Credits: |                                                          |    |                                                                                                                                   | 240  |                        |           |                                    |

## Major Electives: Bachelor of Science in Economics

|    |           |    |                                                       |   |  |  |                        |
|----|-----------|----|-------------------------------------------------------|---|--|--|------------------------|
| 1  | ECON 4701 | ME | Behavioral Economics                                  | 6 |  |  | ECON 3600              |
| 2  | ECON 4709 | ME | Health Economics                                      | 6 |  |  | ECON 2301              |
| 3  | ECON 4710 | ME | Topics in Microeconomics: Matching & Mechanism Design | 6 |  |  | ECON 2301              |
| 4  | ECON 4711 | ME | Topics in Microeconomics: Economics of Education      | 6 |  |  | ECON 3601              |
| 5  | ECON 4715 | ME | Topics in Microeconomics: Conflict Resolution         |   |  |  | ECON 2301              |
| 6  | ECON 4705 | ME | Topics in Macroeconomics                              | 6 |  |  | ECON 2402              |
| 7  | ECON 4703 | ME | Topics in Macroeconomics: Growth & Development        | 6 |  |  | ECON 2402              |
| 8  | ECON 4706 | ME | Topics in International Economics                     | 6 |  |  | ECON 3500<br>ECON 3603 |
| 9  | ECON 4707 | ME | Topics in Applied Economics                           | 6 |  |  | ECON 2402              |
| 10 | ECON 4714 | ME | Topics in Applied Economics: Economic Analysis of Law | 6 |  |  | ECON 2301              |
| 11 | ECON 4716 | ME | History of Economic Thought                           | 6 |  |  | ECON 1202              |

## Bachelor of Science in Finance

| FIRST YEAR  |        | COURSE CODE                                              | CA                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ   | COREQ     | PREREQ                 |
|-------------|--------|----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|-----------|-----------|------------------------|
|             | FALL   | ECON 1103                                                | SC                                | Principles of Economics I                                                                                                         | 6    |           |           |                        |
|             |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |           |           |                        |
|             |        | MATH 1100                                                | UC                                | Pre-Calculus                                                                                                                      | 6    |           |           |                        |
|             |        | COMM 1200                                                | UC                                | Public Speaking & Persuasion                                                                                                      | 6    |           |           |                        |
|             |        | WRIT 1101                                                | UC                                | Writing & Information Literacy I                                                                                                  | 6    |           |           |                        |
|             |        | PDEV 0901                                                | UC                                | My ADA                                                                                                                            |      |           |           |                        |
|             | SPRING | MATH 1001                                                | SC                                | Calculus I                                                                                                                        | 6    | MATH 1111 |           | MATH 1100              |
|             |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |           |           |                        |
|             |        | PDEV 2302                                                | UC                                | Data & Computing Skills                                                                                                           | 6    |           |           |                        |
| SOCS 1102   |        | UC                                                       | Global Perspectives               | 6                                                                                                                                 |      |           |           |                        |
| WRIT 1202   |        | UC                                                       | Writing & Information Literacy II | 6                                                                                                                                 |      |           | WRIT 1101 |                        |
|             |        |                                                          |                                   |                                                                                                                                   |      |           |           |                        |
| SECOND YEAR | FALL   | STAT 2311                                                | MC                                | Mathematical Statistics I                                                                                                         | 6    | MATH 2406 | MATH 1202 |                        |
|             |        | MATH 1202                                                | MC                                | Calculus II                                                                                                                       | 6    | MATH 1222 |           |                        |
|             |        | ACCT 1200                                                | MC                                | Financial Accounting                                                                                                              | 6    |           |           |                        |
|             |        | ECON 2101                                                | MC                                | Principles of Economics II                                                                                                        | 6    |           |           |                        |
|             |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |           |           |                        |
|             | SPRING | STAT 2412                                                | MC                                | Mathematical Statistics II                                                                                                        | 6    | MATH 2406 |           | STAT 2311              |
|             |        | FINC 2400                                                | MC                                | Principles of Finance                                                                                                             | 6    |           |           |                        |
|             |        | ACCT 3500                                                | MC                                | Managerial Accounting                                                                                                             | 6    |           |           | ACCT 1200              |
|             |        | ECON 2301                                                | MC                                | Intermediate Microeconomics                                                                                                       | 6    |           |           | ECON 1101<br>MATH 1001 |
|             |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |           |           |                        |
| THIRD YEAR  | FALL   | ECON 3501                                                | MC                                | Econometrics I                                                                                                                    | 6    |           |           | STAT 2412              |
|             |        | FINC 3600                                                | MC                                | Financial Investments                                                                                                             | 6    |           |           | FINC 2400              |
|             |        | FINC 3500                                                | MC                                | Financial Statement Analysis                                                                                                      | 6    |           |           | ACCT 1200              |
|             |        | ACCT 4701                                                | MC                                | Financial Reporting I                                                                                                             | 6    |           |           | ACCT 1200              |
|             |        | PDEV 3900                                                | EN                                | Career Development Skills & Strategies                                                                                            | 6    |           |           | 120 ECTS               |
|             | SPRING | FINC 4700                                                | MC                                | Corporate Finance                                                                                                                 | 6    |           |           | FINC 2400              |
|             |        | ECON 3602                                                | MC                                | Econometrics II                                                                                                                   | 6    |           |           | ECON 3501              |
|             |        | FINC 3602                                                | MC                                | Fixed Income Securities                                                                                                           | 6    |           |           | FINC 2400              |
|             |        | FINC 4704                                                | MC                                | Banking                                                                                                                           | 6    |           |           | FINC 2400              |
|             |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |           |           |                        |
| FOURTH YEAR | FALL   | FINC 3601                                                | MC                                | Financial Modelling                                                                                                               | 6    |           |           | FINC 4700              |
|             |        | FINC 4701                                                | MC                                | Corporate Valuation                                                                                                               | 6    |           |           | FINC 2400              |
|             |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |           |           |                        |
|             |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |           |           |                        |
|             |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |           |           |                        |
|             | SPRING | FINC 4890                                                | MC                                | Final Project - Capstone                                                                                                          | 6    |           |           | 180 ECTS               |
|             |        | FINC 4702                                                | MC                                | Derivative Securities                                                                                                             | 6    |           |           | FINC 2400<br>STAT 2311 |
|             |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |           |           |                        |
|             |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |           |           |                        |
|             |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |           |           |                        |
|             |        | Total Credits:                                           |                                   |                                                                                                                                   |      | 240       |           |                        |

## Major Electives: Bachelor of Science in Finance

|    |           |    |                                           |   |           |           |           |
|----|-----------|----|-------------------------------------------|---|-----------|-----------|-----------|
| 1  | ACCT 4702 | ME | Financial Reporting II                    | 6 |           |           | ACCT 4701 |
| 2  | ACCT 4703 | ME | Auditing                                  | 6 |           |           | ACCT 1200 |
| 3  | DNSC 3603 | ME | Data Science                              | 6 |           |           | ECON 3501 |
| 4  | ECON 3603 | ME | International Finance                     | 6 | ECON 4802 |           | ECON 1202 |
| 5  | FINC 4706 | ME | Asset and Liability Management in Banking | 6 |           | FINC 4704 |           |
| 6  | FINC 4708 | ME | Fintech                                   | 6 |           |           | FINC 4700 |
| 7  | FINC 4709 | ME | Behavioral Finance                        | 6 |           |           | FINC 4700 |
| 8  | FINC 4710 | ME | Private Equity and Venture Capital        | 6 |           |           | FINC 4700 |
| 9  | FINC 4711 | ME | Real Estate Finance                       | 6 |           |           | FINC 4700 |
| 10 | FINC 4714 | ME | Sustainable Finance & Investments         | 6 |           |           | FINC 2400 |
| 11 | TAXT 4701 | ME | Taxation                                  | 6 |           |           | ACCT 1200 |

## Master of Business Administration

|             |               | COURSE CODE | CA | COURSE TITLE                          | ECTS | ANTIREQ | COREQ | PREREQ |
|-------------|---------------|-------------|----|---------------------------------------|------|---------|-------|--------|
| FIRST YEAR  | FALL          | BUSA 6101   | MC | Global Corporate Strategy             | 4    |         |       |        |
|             |               | ACCT 5100   | MC | Accounting for Managers               | 5    |         |       |        |
|             |               | MIDS 5105   | MC | Decision Making Tools                 | 5    |         |       |        |
|             |               | BUSA 6100   | MC | Leadership & Organizational Behaviour | 4    |         |       |        |
|             | SPRING        | BLAW 6200   | MC | Corporate Responsibility & Ethics     | 4    |         |       |        |
|             |               | FINC 5201   | MC | Corporate Finance                     | 5    |         |       |        |
|             |               | ECON 6100   | MC | Economics for Managers                | 5    |         |       |        |
|             |               | MRKT 5202   | MC | Marketing in a Global Context         | 4    |         |       |        |
|             | SUMMER        | BUSA 6106   | MC | Change Management                     | 4    |         |       |        |
|             |               | ***         | TE | Technical Elective                    | 5    |         |       |        |
|             |               | BUSA 6300   | MC | Entrepreneurship                      | 4    |         |       |        |
|             |               | MIDS 5100   | MC | Research Methods                      | 5    |         |       |        |
| SECOND YEAR | FALL          | MGMS 6300   | MC | Operations Management                 | 5    |         |       |        |
|             |               | ***         | TE | Technical Elective                    | 5    |         |       |        |
|             | SPRING        | DNSC 6200   | MC | Management Information Systems        | 4    |         |       |        |
|             |               | BUSA 6201   | MC | International Business Studies        | 4    |         |       |        |
|             |               | BUSA 6290   | MC | Final Project                         | 18   |         |       |        |
|             | Total Credits |             |    |                                       | 90   |         |       |        |

## Major Electives: Master of Business Administration

|   |           |    |                                   |   |  |  |  |
|---|-----------|----|-----------------------------------|---|--|--|--|
| 1 | MIDS 6301 | ME | Business Intelligence & Analytics | 5 |  |  |  |
| 2 | BUSA 6404 | ME | Project Management                | 5 |  |  |  |
| 3 | FINC 6301 | ME | Portfolio Management              | 5 |  |  |  |
| 4 | MGMT 6301 | ME | Human Resources Management        | 5 |  |  |  |
| 5 | MRKT 6301 | ME | Digital Marketing                 | 5 |  |  |  |
| 6 | FINC 6304 | ME | Topics in Finance                 | 5 |  |  |  |

## Master of Business Administration in Finance

|               |        |             | COURSE<br>CODE | CA | COURSE TITLE                                 | ECTS | ANTIREQ | COREQ | PREREQ | FACUL<br>TY |
|---------------|--------|-------------|----------------|----|----------------------------------------------|------|---------|-------|--------|-------------|
| FIRST YEAR    | FALL   | First half  | STAT 5100      | MC | Quantitative Methods for Business            | 4    |         |       |        | ADAU        |
|               |        |             | GMGT 5100      | MC | Management Studies                           | 4    |         |       |        | ADAU        |
|               |        | Second half | ACCT 5100      | MC | Accounting for Managers                      | 4    |         |       |        | ADAU        |
|               |        |             | GMGT 5101      | MC | Leadership                                   | 4    |         |       |        | ADAU        |
|               | SPRING | First half  | ECON 6100      | MC | Economics for Managers                       | 4    |         |       |        | ADAU        |
|               |        |             | MRKT 5201      | MC | Digital Transformation                       | 4    |         |       |        | ADAU        |
|               |        | Second half | FINC 5201      | MC | Corporate Finance                            | 4    |         |       |        | ADAU        |
|               |        |             | MRKT 5203      | MC | Marketing                                    | 4    |         |       |        | ADAU        |
|               | SUMMER | Module      | FINC 5300      | MC | Principles & Practice of Islamic Finance     | 3    |         |       |        | MGIMO       |
|               |        |             | FINC 5301      | MC | Internal Control, Audit & Compliance         | 3    |         |       |        | MGIMO       |
|               |        |             | BUSA 6404      | MC | Project Management (modular)                 | 3    |         |       |        | ADAU        |
| SECOND YEAR   | FALL   | Module 1    | FINC 6100      | MC | Financial Markets & Institutions             | 2    |         |       |        | MGIMO       |
|               |        |             | FINC 6101      | MC | Advanced Corporate Finance                   | 3    |         |       |        | MGIMO       |
|               |        |             | FINC 6102      | MC | Corporate Governance & Investor Relations    | 1    |         |       |        | MGIMO       |
|               |        |             | FINC 6103      | MC | Financial Risk Management                    | 3    |         |       |        | MGIMO       |
|               |        |             | FINC 6104      | MC | In-company Case Studies (I)                  | -    |         |       |        | MGIMO       |
|               |        | Module2     | FINC 6105      | MC | Investments & Portfolio Management           | 2    |         |       |        | MGIMO       |
|               |        |             | FINC 6106      | MC | Private Equity                               | 2    |         |       |        | MGIMO       |
|               |        |             | FINC 6107      | MC | Business Valuation & Corporate Restructuring | 2    |         |       |        | MGIMO       |
|               |        |             | FINC 6108      | MC | Digital Finance & FinTech                    | 2    |         |       |        | MGIMO       |
|               |        |             | FINC 6104      | MC | In-company Case Studies (II)                 | 3    |         |       |        | MGIMO       |
|               | SPRING | First half  | SMGT 6200      | MC | Business Strategy (modular)                  | 4    |         |       |        | ADAU        |
|               |        |             | SMGT 6290      | MC | Final Project (incl. Research Methods)       | 11   |         |       |        | ADAU        |
|               |        |             |                |    |                                              |      |         |       |        |             |
| Total Credits |        |             |                |    |                                              | 76   |         |       |        |             |

## Master of Science in Global Management and Politics

|             |        | COURSE CODE                  | CA | COURSE TITLE                                    | ECTS | ANTIREQ | COREQ | PREREQ | FACULTY |
|-------------|--------|------------------------------|----|-------------------------------------------------|------|---------|-------|--------|---------|
| FIRST YEAR  | FALL   | SOCS 5103                    | MC | Research Methods for Social Sciences            | 6    |         |       |        | ADA     |
|             |        | FINC 5101                    | MC | Financial Reporting & Performance Measurement   | 6    |         |       |        | Luiss   |
|             |        | ECON 5101                    | MC | Managerial Economics                            | 6    |         |       |        | ADA     |
|             |        | INTA 6308                    | MC | Global Politics                                 | 6    |         |       |        | ADA     |
|             | SPRING | SMGT 5200                    | MC | Corporate Strategy                              | 6    |         |       |        | ADA     |
|             |        | GMGT 5200                    | MC | Cross-Cultural Management                       | 6    |         |       |        | Luiss   |
|             |        | STAT 5200                    | MC | Data Analysis for Social Sciences               | 6    |         |       |        | ADA     |
|             |        | GMGT 5102                    | MC | Global Organization Design & HRM                | 6    |         |       |        | ADA     |
|             | SUMMER | ILLW 5200                    | MC | International Trade Law                         | 6    |         |       |        | ADA     |
|             |        | BUSA 5201                    | MC | International Business                          | 6    |         |       |        | ADA     |
| SECOND YEAR | FALL   | ECON 5103                    | MC | Political Economy of Globalization              | 6    |         |       |        | Luiss   |
|             |        | HIST 6300<br>or<br>POLS 6303 | MC | Global History<br>or<br>Political Risk Analysis | 6    |         |       |        | Luiss   |
|             |        | GMGT 6300                    | MC | Business Ethics                                 | 6    |         |       |        | Luiss   |
|             |        | BUSA 6302                    | ME | Winter School: Made in Italy                    | 6    |         |       |        | Luiss   |
|             |        | ***                          | ME | Major Elective                                  | 6    |         |       |        | Luiss   |
|             |        | SOCS 6290                    | MC | Master's Thesis                                 | 14   |         |       |        | ADA     |
|             | SPRING | BUSA 6206                    | MC | "Made in Azerbaijan" Module                     | 16   |         |       |        | ADA     |
|             |        |                              |    |                                                 |      |         |       |        |         |
|             |        | Total Credits:               |    |                                                 | 120  |         |       |        |         |

## Master of Science in Human Resource Management

|               |        | COURSE CODE | CA | COURSE TITLE                                           | ECTS | ANTIREQ | COREQ | PREREQ |
|---------------|--------|-------------|----|--------------------------------------------------------|------|---------|-------|--------|
| FIRST YEAR    | FALL   | SMGT 5100   | MC | Business Strategy                                      | 5    |         |       |        |
|               |        | MIDS 5103   | MC | Research Methods for HR Management                     | 6    |         |       |        |
|               |        | GMGT 5103   | MC | Organizational Behavior                                | 5    |         |       |        |
|               |        | FINC 5102   | MC | Finance                                                | 5    |         |       |        |
|               | SPRING | GMGT 5202   | MC | Talent Acquisition (Planning, Recruitment & Selection) | 5    |         |       |        |
|               |        | GMGT 5203   | MC | Human Resource Development (Learning & Development)    | 5    |         |       |        |
|               |        | GMGT 5204   | MC | Performance Management                                 | 5    |         |       |        |
|               |        | GMGT 5205   | MC | Reward Management                                      | 5    |         |       |        |
|               | SUMMER | PRLW 5300   | MC | Employment Law                                         | 5    |         |       |        |
|               |        | GMGT 5300   | ME | Corporate Communication                                | 5    |         |       |        |
| SECOND YEAR   | FALL   | GMGT 6301   | MC | Organizational Design                                  | 5    |         |       |        |
|               |        | DNSC 6300   | MC | HR Analytics                                           | 5    |         |       |        |
|               |        | GMGT 6302   | MC | International HR Management                            | 5    |         |       |        |
|               |        | GMGT 6303   | MC | Business & Innovation                                  | 5    |         |       |        |
|               | SPRING | ***         | ME | Technical Elective                                     | 5    |         |       |        |
|               |        | SMGT 6490   | MC | Final Project                                          | 14   |         |       |        |
| Total Credits |        |             |    |                                                        | 90   |         |       |        |

## Major Electives: Master of Science in Human Resource Management

|   |           |    |                            |   |  |  |  |
|---|-----------|----|----------------------------|---|--|--|--|
| 1 | GMGT 6304 | ME | Advanced Reward Management | 5 |  |  |  |
| 2 | BUSA 6404 | ME | Project Management         | 5 |  |  |  |
| 3 | GMGT 6305 | ME | Employee Wellbeing         | 5 |  |  |  |
| 4 | GMGT 6306 | ME | Enterprise Risk Management | 5 |  |  |  |

## School of Design and Architecture

Catalog year

Component Areas (CA)

2025

|    |                 |
|----|-----------------|
| UC | University Core |
| SC | School Core     |
| MC | Major Core      |
| ME | Major Elective  |
| FE | Free Elective   |
| IN | Internship      |

## Bachelor of Architecture

|                |             | COURSE CODE                                              | CA        | COURSE TITLE                                                                                                                      | ECTS                                                                                   | ANTIREQ | COREQ | PREREQ    |
|----------------|-------------|----------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------|-------|-----------|
|                |             |                                                          |           |                                                                                                                                   |                                                                                        |         |       |           |
|                | FALL        | HART 1100                                                | SC        | History of Modern Arts                                                                                                            | 6                                                                                      |         |       |           |
|                |             | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC        | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6                                                                                      |         |       |           |
|                |             | MATH 1100                                                | UC        | Pre-Calculus                                                                                                                      | 6                                                                                      |         |       |           |
|                |             | COMM 1200                                                | UC        | Public Speaking & Persuasion                                                                                                      | 6                                                                                      |         |       |           |
|                |             | WRIT 1101                                                | UC        | Writing & Information Literacy I                                                                                                  | 6                                                                                      |         |       |           |
|                |             | PDEV 0901                                                | UC        | My ADA                                                                                                                            |                                                                                        |         |       |           |
|                |             | REPR 1200                                                | SC        | Drawing Fundamentals                                                                                                              | 6                                                                                      |         |       |           |
|                | SPRING      | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC        | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6                                                                                      |         |       |           |
|                |             | PDEV 2302                                                | UC        | Data & Computing Skills                                                                                                           | 6                                                                                      |         |       |           |
|                |             | SOCS 1102                                                | UC        | Global Perspectives                                                                                                               | 6                                                                                      |         |       |           |
|                |             | WRIT 1202                                                | UC        | Writing & Information Literacy II                                                                                                 | 6                                                                                      |         |       | WRIT 1101 |
|                | SECOND YEAR | FALL                                                     | ARDN 2300 | MC                                                                                                                                | Architectural Design Studio:<br>Architectural Composition<br>Architecture of Interiors | 12      |       |           |
| AUTM 2300      |             |                                                          | MC        | Typological Characters of Architecture & Urban Morphology                                                                         | 6                                                                                      |         |       |           |
| APPT 2300      |             |                                                          | MC        | Basics of Representation & Survey                                                                                                 | 6                                                                                      |         |       |           |
| MATH 2307      |             |                                                          | MC        | Mathematics                                                                                                                       | 6                                                                                      |         |       |           |
| SPRING         |             | TBD                                                      | MC        | Architectural and Landscape Design Studio:<br>Architectural Composition<br>Landscape                                              | 12                                                                                     |         |       |           |
|                |             | TBD                                                      | MC        | Basic of Architectural Technology                                                                                                 | 6                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Free-hand Sketching for Design                                                                                                    | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Art & Artistic Cultures                                                                                                           | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | History of Architecture I                                                                                                         | 6                                                                                      |         |       |           |
|                |             |                                                          |           |                                                                                                                                   |                                                                                        |         |       |           |
| THIRD YEAR     | FALL        | TBD                                                      | MC        | Architectural Building Technology Design Studio: Architectural<br>Composition<br>Building Technology                              | 12                                                                                     |         |       |           |
|                |             | TBD                                                      | MC        | Digital Representation                                                                                                            | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Urbanism                                                                                                                          | 6                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Maths for Building Physics & Structural Design                                                                                    | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | History of Architecture II (Modern & Contemporary)                                                                                | 6                                                                                      |         |       |           |
|                | SPRING      | TBD                                                      | MC        | Architectural & Urban Design Studio:<br>Architectural Composition<br>Urban Design/Planning                                        | 12                                                                                     |         |       |           |
|                |             | TBD                                                      | MC        | Basic Heritage Preservation                                                                                                       | 6                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Structural Analysis & Design of Architecture I (Statics)                                                                          | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Real Estate Appraisal                                                                                                             | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Building Physics                                                                                                                  | 6                                                                                      |         |       |           |
|                |             |                                                          |           |                                                                                                                                   |                                                                                        |         |       |           |
|                |             |                                                          |           |                                                                                                                                   |                                                                                        |         |       |           |
| FOURTH YEAR    | FALL        | TBD                                                      | MC        | Architectural & Preservation Design Studio:<br>Architectural Composition<br>Conservation & Restoration of Architecture            | 12                                                                                     |         |       |           |
|                |             | TBD                                                      | MC        | Materials Science & Technology                                                                                                    | 6                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | History of Architecture III (Architectural Theory & Criticism)                                                                    | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Structural Analysis & Design of Architecture II (Mech. of Materials<br>and Structures)                                            | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | ME        | Major Elective                                                                                                                    | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | ME        | Major Elective                                                                                                                    | 3                                                                                      |         |       |           |
|                | SPRING      | TBD                                                      | MC        | Advanced Architectural Design Studio:<br>Architectural Composition<br>Economic Evaluation of the Project<br>Project Communication | 12                                                                                     |         |       |           |
|                |             | TBD                                                      | MC        | Architecture and Ethics                                                                                                           | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Sustainability for Architectural & Urban Design Architectural<br>Composition<br>Urban Design/Planning                             | 6                                                                                      |         |       |           |
|                |             | TBD                                                      | EN        | Internship                                                                                                                        | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | EN        | Workshop                                                                                                                          | 3                                                                                      |         |       |           |
|                |             | TBD                                                      | MC        | Capstone Project                                                                                                                  | 3                                                                                      |         |       |           |
| Total Credits: |             |                                                          |           |                                                                                                                                   | 240                                                                                    |         |       |           |

## Major Electives: Bachelor of Architecture

|   |     |    |                                      |   |  |  |  |
|---|-----|----|--------------------------------------|---|--|--|--|
| 1 | TBD | ME | Photography for Architecture         | 4 |  |  |  |
| 2 | TBD | ME | Risk Prevention & Management         | 3 |  |  |  |
| 3 | TBD | ME | Society, Processes & Practices       | 3 |  |  |  |
| 4 | TBD | ME | History of Modern & Contemporary Art | 3 |  |  |  |

## Bachelor in Interior Design

|                         |           | COURSE CODE                                              | CA                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ | COREQ     | PREREQ |
|-------------------------|-----------|----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------|-----------|--------|
| FIRST YEAR - FOUNDATION | FALL      | HART 1100                                                | SC                                | History of Modern Arts                                                                                                            | 6    |         |           |        |
|                         |           | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |        |
|                         |           | MATH 1100                                                | UC                                | Pre-Calculus                                                                                                                      | 6    |         |           |        |
|                         |           | COMM 1200                                                | UC                                | Public Speaking & Persuasion                                                                                                      | 6    |         |           |        |
|                         |           | WRIT 1101                                                | UC                                | Writing & Information Literacy I                                                                                                  | 6    |         |           |        |
|                         | PDEV 0901 | UC                                                       | My ADA                            |                                                                                                                                   |      |         |           |        |
|                         | REPR 1200 | SC                                                       | Drawing Fundamentals              | 6                                                                                                                                 |      |         |           |        |
|                         | SPRING    | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |        |
|                         |           | PDEV 2302                                                | UC                                | Data & Computing Skills                                                                                                           | 6    |         |           |        |
|                         |           | SOCS 1102                                                | UC                                | Global Perspectives                                                                                                               | 6    |         |           |        |
| WRIT 1202               |           | UC                                                       | Writing & Information Literacy II | 6                                                                                                                                 |      |         | WRIT 1101 |        |
| SECOND YEAR             | FALL      | BADN 2300                                                | MC                                | Basic Design Studio for Interior Design:<br>Design Project<br>Visual Perception                                                   | 12   |         |           |        |
|                         |           | DREP 2300                                                | MC                                | Drawing Studio for Interior Design:<br>Sketching +2D Visualization Softwares<br>CAD Drawing & Illustration                        | 12   |         |           |        |
|                         |           | HDSN 2300                                                | MC                                | History of Design                                                                                                                 | 6    |         |           |        |
|                         | SPRING    | TBD                                                      | MC                                | Interior Design Studio I:<br>Design Process<br>Design Project                                                                     | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | User Studies                                                                                                                      | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Materials for Interior Design                                                                                                     | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Design Tools for Interior Design                                                                                                  | 6    |         |           |        |
| THIRD YEAR YEAR         | FALL      | TBD                                                      | MC                                | Design Research Studio for Interior Design:<br>Design Research<br>Design Project                                                  | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | Digital Drawing Studio for Interior Design:<br>3D Modeling<br>Rendering                                                           | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | Atelier for Technologies (Building Systems)                                                                                       | 6    |         |           |        |
|                         | SPRING    | TBD                                                      | MC                                | Interior Design Studio II:<br>Design Process<br>Design Project                                                                    | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | History of Interior Design                                                                                                        | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Materials & Assembly for Interior Design                                                                                          | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Lighting Design                                                                                                                   | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Strategies & Economic Project for Interior Design                                                                                 | 6    |         |           |        |
|                         |           | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |         |           |        |
| FOURTH YEAR             | FALL      | TBD                                                      | MC                                | Design & Contemporary Art                                                                                                         | 6    |         |           |        |
|                         |           | ***                                                      | MC                                | Design & Sustainability for Interior Design                                                                                       | 6    |         |           |        |
|                         |           | TBD                                                      | ME                                | Major Elective (1/2 semester)                                                                                                     | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Interior Design Studio III:<br>Design Process<br>Design Project                                                                   | 12   |         |           |        |
|                         | SPRING    | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |         |           |        |
|                         |           | TBD                                                      | EN                                | Workshop                                                                                                                          | 3    |         |           |        |
|                         |           | TBD                                                      | EN                                | Career Development (Portfolio & Career Preparation)                                                                               | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Capstone Project                                                                                                                  | 3    |         |           |        |
|                         |           | Total Credits:                                           |                                   |                                                                                                                                   |      |         | 240       |        |

## Major Electives: Bachelor in Interior Design

|   |     |    |                                      |     |  |  |  |
|---|-----|----|--------------------------------------|-----|--|--|--|
| 1 | TBD | ME | Exhibit Design                       | TBD |  |  |  |
| 2 | TBD | ME | Cultural Anthropology                | TBD |  |  |  |
| 3 | TBD | ME | Photography for Architecture         | TBD |  |  |  |
| 4 | TBD | ME | History of Modern & Contemporary Art | TBD |  |  |  |

## Bachelor in Communication Design

|                         |        | COURSE<br>CODE                                           | CA | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ | COREQ | PREREQ    |
|-------------------------|--------|----------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|------|---------|-------|-----------|
| FIRST YEAR - FOUNDATION | FALL   | HART 1100                                                | SC | History of Modern Arts                                                                                                            | 6    |         |       |           |
|                         |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |       |           |
|                         |        | MATH 1100                                                | UC | Pre-Calculus                                                                                                                      | 6    |         |       |           |
|                         |        | COMM 1200                                                | UC | Public Speaking & Persuasion                                                                                                      | 6    |         |       |           |
|                         |        | WRIT 1101                                                | UC | Writing & Information Literacy I                                                                                                  | 6    |         |       |           |
|                         |        | PDEV 0901                                                | UC | My ADA                                                                                                                            |      |         |       |           |
|                         | SPRING | REPR 1200                                                | SC | Drawing Fundamentals                                                                                                              | 6    |         |       |           |
|                         |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |       |           |
|                         |        | PDEV 2302                                                | UC | Data & Computing Skills                                                                                                           | 6    |         |       |           |
|                         |        | SOCS 1102                                                | UC | Global Perspectives                                                                                                               | 6    |         |       |           |
|                         |        | WRIT 1202                                                | UC | Writing & Information Literacy II                                                                                                 | 6    |         |       | WRIT 1101 |
|                         |        |                                                          |    |                                                                                                                                   |      |         |       |           |
| SECOND YEAR             | FALL   | TBD                                                      | MC | Basic Design Studio for Communication Design                                                                                      | 12   |         |       |           |
|                         |        | TBD                                                      | MC | Drawing Studio for Communication Design                                                                                           | 12   |         |       |           |
|                         |        | TBD                                                      | MC | History of Design                                                                                                                 | 6    |         |       |           |
|                         | SPRING | TBD                                                      | MC | Communication Design Studio I                                                                                                     | 12   |         |       |           |
|                         |        | TBD                                                      | MC | Coding Fundamentals                                                                                                               | 6    |         |       |           |
|                         |        | TBD                                                      | MC | Type Design I                                                                                                                     | 6    |         |       |           |
|                         |        | TBD                                                      | MC | Design Tools for Communication Design                                                                                             | 6    |         |       |           |
| THIRD YEAR              | FALL   | TBD                                                      | MC | Design Research Studio for Communication Design                                                                                   | 12   |         |       |           |
|                         |        | TBD                                                      | MC | Digital Media Design Studio                                                                                                       | 12   |         |       |           |
|                         |        | TBD                                                      | MC | Type Design II                                                                                                                    | 6    |         |       |           |
|                         | SPRING | TBD                                                      | MC | Communication Design Studio II                                                                                                    | 12   |         |       |           |
|                         |        | TBD                                                      | MC | History of Visual Communication                                                                                                   | 6    |         |       |           |
|                         |        | TBD                                                      | MC | Analogue and Digital Illustration                                                                                                 | 6    |         |       |           |
|                         |        | TBD                                                      | MC | Photography                                                                                                                       | 6    |         |       |           |
|                         |        |                                                          |    |                                                                                                                                   |      |         |       |           |
| FOURTH YEAR             | FALL   | TBD                                                      | MC | Strategies and Economic Project for Comm. Design                                                                                  | 6    |         |       |           |
|                         |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |         |       |           |
|                         |        | TBD                                                      | MC | Design and Contemporary Art                                                                                                       | 6    |         |       |           |
|                         |        | TBD                                                      | MC | Design and Sustainability for Communication Design                                                                                | 6    |         |       |           |
|                         |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |         |       |           |
|                         | SPRING | TBD                                                      | MC | Communication Design Studio III                                                                                                   | 12   |         |       |           |
|                         |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |         |       |           |
|                         |        | TBD                                                      | EN | Workshop                                                                                                                          | 3    |         |       |           |
|                         |        | TBD                                                      | EN | Career Development                                                                                                                | 6    |         |       |           |
|                         |        | TBD                                                      | MC | Capstone Project                                                                                                                  | 3    |         |       |           |
| Total Credits:          |        |                                                          |    |                                                                                                                                   | 240  |         |       |           |

## Bachelor in Urban Planning

|                         |           | COURSE CODE                                              | CA                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ | COREQ     | PREREQ |
|-------------------------|-----------|----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------|-----------|--------|
| FIRST YEAR - FOUNDATION | FALL      | HART 1100                                                | SC                                | History of Modern Arts                                                                                                            | 6    |         |           |        |
|                         |           | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |        |
|                         |           | MATH 1100                                                | UC                                | Pre-Calculus                                                                                                                      | 6    |         |           |        |
|                         |           | COMM 1200                                                | UC                                | Public Speaking & Persuasion                                                                                                      | 6    |         |           |        |
|                         |           | WRIT 1101                                                | UC                                | Writing & Information Literacy I                                                                                                  | 6    |         |           |        |
|                         | SPRING    | PDEV 0901                                                | UC                                | My ADA                                                                                                                            |      |         |           |        |
|                         |           | REPR 1200                                                | SC                                | Drawing Fundamentals                                                                                                              | 6    |         |           |        |
|                         |           | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |         |           |        |
|                         |           | PDEV 2302                                                | UC                                | Data & Computing Skills                                                                                                           | 6    |         |           |        |
|                         |           | SOCS 1102                                                | UC                                | Global Perspectives                                                                                                               | 6    |         |           |        |
|                         | WRIT 1202 | UC                                                       | Writing & Information Literacy II | 6                                                                                                                                 |      |         | WRIT 1101 |        |
| SECOND YEAR             | FALL      | TBD                                                      | MC                                | Spatial Analysis and Mapping Studio                                                                                               | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | Representation of Built Environment and Open Spaces                                                                               | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Basis of Statistics                                                                                                               | 3    |         |           |        |
|                         |           | TBD                                                      | MC                                | Urban and Planning History                                                                                                        | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Introduction to Urban Sustainability                                                                                              | 3    |         |           |        |
|                         | SPRING    | TBD                                                      | MC                                | Urban Planning Studio                                                                                                             | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | GIS Production and Representation: Methods and Tools                                                                              | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Urban and Planning History in Azerbaijan                                                                                          | 6    |         |           |        |
|                         |           | ***                                                      | FE                                | Free Elective                                                                                                                     | 3    |         |           |        |
|                         |           | ***                                                      | FE                                | Free Elective                                                                                                                     | 3    |         |           |        |
| THIRD YEAR              | FALL      | TBD                                                      | MC                                | Metropolitan and Regional Planning Studio                                                                                         | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | Administrative and Urban Planning Laws in Azerbaijan                                                                              | 3    |         |           |        |
|                         |           | TBD                                                      | MC                                | Theories of Urban Geography and Regional Economy                                                                                  | 3    |         |           |        |
|                         |           | TBD                                                      | MC                                | Urban Planning Techniques, Tools, and Mechanisms                                                                                  | 6    |         |           |        |
|                         |           | ***                                                      | FE                                | Free Elective                                                                                                                     | 3    |         |           |        |
|                         | SPRING    | ***                                                      | FE                                | Free Elective                                                                                                                     | 3    |         |           |        |
|                         |           | TBD                                                      | MC                                | Environment and Landscape Planning Studio                                                                                         | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | Introduction to Urban Regeneration and Preservation                                                                               | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Risk Prevention and Management                                                                                                    | 3    |         |           |        |
|                         |           | TBD                                                      | MC                                | Environment Evaluation Methods and Techniques                                                                                     | 3    |         |           |        |
| FOURTH YEAR - TRACK A   | FALL      | ***                                                      | ME                                | Major Elective 1                                                                                                                  | 6    |         |           |        |
|                         |           | TBD                                                      | MC                                | Urban Planning and Design Studio                                                                                                  | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | Spatial Design Focus: from Theory to Practice                                                                                     | 6    |         |           |        |
|                         |           | ***                                                      | ME                                | Major Elective 2.A                                                                                                                | 6    |         |           |        |
|                         |           | ***                                                      | ME                                | Major Elective 3.A                                                                                                                | 6    |         |           |        |
|                         | SPRING    | TBD                                                      | MC                                | Advanced Studio: Application to Azerbaijan                                                                                        | 12   |         |           |        |
|                         |           | ***                                                      | ME                                | Major Elective 4                                                                                                                  | 6    |         |           |        |
|                         |           | ***                                                      | ME                                | Major Elective 5                                                                                                                  | 6    |         |           |        |
|                         |           | TBD                                                      | IN                                | Internship                                                                                                                        | 3    |         |           |        |
|                         |           | TBD                                                      | MC                                | Capstone Project                                                                                                                  | 3    |         |           |        |
| FOURTH YEAR - TRACK B   | FALL      | TBD                                                      | MC                                | Urban Planning and Policy Studio                                                                                                  | 12   |         |           |        |
|                         |           | TBD                                                      | MC                                | Urban Governance, Processes, and Practices                                                                                        | 6    |         |           |        |
|                         |           | TBD                                                      | ME                                | Major Elective 2.B                                                                                                                | 6    |         |           |        |
|                         |           | TBD                                                      | ME                                | Major Elective 3.B                                                                                                                | 6    |         |           |        |
|                         |           |                                                          |                                   |                                                                                                                                   |      |         |           |        |
|                         | SPRING    | TBD                                                      | MC                                | Advanced Studio: Application to Azerbaijan                                                                                        | 12   |         |           |        |
|                         |           | ***                                                      | ME                                | Major Elective 4                                                                                                                  | 6    |         |           |        |
|                         |           | ***                                                      | ME                                | Major Elective 5                                                                                                                  | 6    |         |           |        |
|                         |           | TBD                                                      | IN                                | Internship                                                                                                                        | 3    |         |           |        |
|                         |           | TBD                                                      | MC                                | Capstone Project                                                                                                                  | 3    |         |           |        |
| Total Credits:          |           |                                                          |                                   |                                                                                                                                   | 300  |         |           |        |

## School of Education

Catalog year

Component Areas (CA)

2025

|    |                |
|----|----------------|
| MC | Major Core     |
| ME | Major Elective |

\*Students who enrolled prior to Fall 2025 should consult their academic advisors for the correct program of study and information about changes in the course numbering system.

## Master of Arts in Educational Management in English

| FIRST YEAR  |                | COURSE CODE            | CA                                               | COURSE TITLE                                                       | ECTS | ANTIREQ | COREQ     | PREREQ |
|-------------|----------------|------------------------|--------------------------------------------------|--------------------------------------------------------------------|------|---------|-----------|--------|
|             | FALL           | MIDS 5111              | MC                                               | Inquiry I: Research Methods                                        | 6    |         |           |        |
|             |                | EDUC 5100              | MC                                               | Proseminar in Educational Leadership                               | 6    |         |           |        |
|             |                | EDUC 5200              | MC                                               | Leading Educational Organizations                                  | 6    |         |           |        |
| SPRING      | MIDS 5222      | MC                     | Inquiry II: Evaluating Programs & Practices      | 6                                                                  |      |         | MIDS 5111 |        |
|             | PADM 5203      | MC                     | Organizational Behavior & Management             | 6                                                                  |      |         |           |        |
|             | FINC 6303      | MC                     | Budgeting & Finance in Educational Organizations | 6                                                                  |      |         |           |        |
|             | CIAS 5201      | MC                     | Organising for Learning                          | 6                                                                  |      |         |           |        |
| SECOND YEAR | FALL           | EDUC 6390<br>EDUC 6399 | MC                                               | Education Policy & Strategy - Capstone I or<br>Master's Thesis I   | 6    |         |           |        |
|             |                | EDUC 6300              | MC                                               | Implementing Programs & Practices                                  | 6    |         |           |        |
|             |                | ***                    | MC                                               | Major Elective                                                     | 6    |         |           |        |
|             |                | ***                    | ME                                               | Major Elective                                                     | 6    |         |           |        |
|             | SPRING         | EDUC 6490<br>EDUC 6499 | MC                                               | Education Policy & Strategy - Capstone II or<br>Master's Thesis II | 12   |         |           |        |
|             |                | LAWE 6300              | ME                                               | Legal Issues in Education                                          | 6    |         |           |        |
|             |                | ***                    | ME                                               | Major Elective                                                     | 6    |         |           |        |
|             | Total Credits: |                        |                                                  |                                                                    |      | 90      |           |        |

## Major Electives: Master of Arts in Educational Management

|   |           |    |                                                              |   |  |  |           |
|---|-----------|----|--------------------------------------------------------------|---|--|--|-----------|
| 1 | SOCS 6300 | ME | Identity, Diversity, Inclusion                               |   |  |  |           |
| 2 | EDUC 6301 | ME | Using Student Assessment Data for Organizational Improvement | 6 |  |  | MIDS 5111 |
| 3 | EDUC 6302 | ME | Educational Policy                                           | 6 |  |  |           |
| 4 | WRIT 6300 | ME | Responsible and Practical AI Use in Education                |   |  |  |           |
| 5 | MGMT 5204 | ME | Human Resource Management                                    | 6 |  |  |           |
| 6 | EDUC 6305 | ME | Ethics & Leadership                                          | 6 |  |  |           |

## Master of Arts in Teaching and Learning in English

|             |        | COURSE CODE            | CA | COURSE TITLE                                                                         | ECTS | ANTIREQ | COREQ | PREREQ    |
|-------------|--------|------------------------|----|--------------------------------------------------------------------------------------|------|---------|-------|-----------|
|             |        |                        |    |                                                                                      |      |         |       |           |
| FIRST YEAR  | FALL   | MIDS 5106              | MC | Inquiry I: Research Methods                                                          | 6    |         |       |           |
|             |        | SOCS 5100              | MC | Contemporary Issues in Teacher Education                                             | 6    |         |       |           |
|             |        | SOCS 5151              | MC | Educational Psychology                                                               | 6    |         |       |           |
|             | SPRING | MIDS 5206              | MC | Inquiry II: Course Planning & Evaluation                                             | 6    |         |       |           |
|             |        | CIAS 5151              | MC | Fundamentals of Effective Teaching & Learning                                        | 6    |         |       |           |
|             |        | CIAS 5152              | MC | Curriculum & Assessment                                                              | 6    |         |       |           |
|             |        | PDEV 5150              | MC | Pre-Practicum in Teaching                                                            | 6    |         |       |           |
| SECOND YEAR | FALL   | CIAS 6390<br>CIAS 6399 | MC | Teaching Strategy - Capstone I (Reflective Teaching Portfolio) or Master's Thesis I  | 6    |         |       |           |
|             |        | CIAS 5251              | MC | Developing Effective Teaching Methods                                                | 6    |         |       | CIAS 5151 |
|             |        | ***                    | ME | Major Elective                                                                       | 6    |         |       |           |
|             |        | ***                    | ME | Major Elective                                                                       | 6    |         |       |           |
|             | SPRING | CIAS 6490<br>CIAS 6499 | MC | Teaching Strategy - Capstone II (Reflective Teacher Portfolio) or Master's Thesis II | 12   |         |       |           |
|             |        | PDEV 6300              | MC | Micro-Teaching                                                                       | 6    |         |       | PDEV 5150 |
|             |        | ***                    | ME | Major Elective                                                                       | 6    |         |       |           |
|             |        |                        |    | <i>Total Credits:</i> 90                                                             |      |         |       |           |

## Major Electives: Master of Arts in Teaching and Learning

|   |           |    |                                      |   |  |  |  |
|---|-----------|----|--------------------------------------|---|--|--|--|
| 1 | TGLG 6301 | ME | Action Research                      | 6 |  |  |  |
| 2 | CIAS 6300 | ME | Assessment for Learning              | 6 |  |  |  |
| 3 | CIAS 6303 | ME | Adult Learning                       | 6 |  |  |  |
| 4 | CIAS 6304 | ME | Inclusive Education                  | 6 |  |  |  |
| 5 | CIAS 6305 | ME | Teacher Leadership                   | 6 |  |  |  |
| 6 | CIAS 6306 | ME | Teaching in Post-Secondary Education | 6 |  |  |  |

## Master of Arts in Educational Management in Azerbaijani

| FIRST YEAR        |        | COURSE CODE            | CA | COURSE TITLE                                                                                                                                                            | ECTS | ANTIREQ | COREQ | PREREQ                 |
|-------------------|--------|------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|-------|------------------------|
|                   | FALL   | EDUC 5100              | MC | Proseminar in Educational Leadership                                                                                                                                    | 6    |         |       |                        |
|                   |        | SOCS 5101              | MC | Inquiry I: Research Methods                                                                                                                                             | 6    |         |       |                        |
|                   |        | CIAS 5152              | MC | Curriculum & Assessment                                                                                                                                                 | 6    |         |       |                        |
|                   |        | EAPP 5100              | MC | English for Academic Purposes I<br>or<br>English for Academic Purposes II<br>or<br>Azerbaijani Language and Literature I (for students from Georgia)                    | 6    |         |       |                        |
|                   |        | EAPP 5101              |    |                                                                                                                                                                         |      |         |       |                        |
|                   |        | TGLG 5100              |    |                                                                                                                                                                         |      |         |       |                        |
|                   | SPRING | MIDS 5222              | MC | Inquiry II: Evaluating Programs & Practices                                                                                                                             | 6    |         |       | SOCS 5101              |
|                   |        | PADM 5203              | MC | Organizational Behavior & Management                                                                                                                                    | 6    |         |       |                        |
|                   |        | FINC 6303              | MC | Budgeting & Finance in Educational Organizations                                                                                                                        | 6    |         |       |                        |
|                   |        | EAPP 5101              | MC | English for Academic Purposes II<br>or<br>English for Academic Purposes III<br>or<br>Azerbaijani Language and Literature II (for students from Georgia)                 | 6    |         |       | EAPP 5100              |
|                   |        | EAPP 5200              |    | EAPP 5101                                                                                                                                                               |      |         |       |                        |
| TGLG 5200         |        | -                      |    |                                                                                                                                                                         |      |         |       |                        |
| SECOND YEAR       | FALL   | LAWE 6300              | MC | Legal Issues in Education                                                                                                                                               | 6    |         |       |                        |
|                   |        | EDUC 6304              | MC | Implementing Programs and Practices                                                                                                                                     | 6    |         |       |                        |
|                   |        | EDUC 6390<br>EDUC 6399 | MC | Education Policy & Strategy- Capstone I or<br>Master's Thesis I                                                                                                         | 6    |         |       |                        |
|                   |        | WRIT 5102              | MC | Advanced Writing & Academic Discussion in English<br>or<br>Academic Writing in Azerbaijani<br>or<br>Azerbaijani Language and Literature III (for students from Georgia) | 6    |         |       | EAPP 5200              |
|                   |        | WRIT 5103              |    | -                                                                                                                                                                       |      |         |       |                        |
|                   |        | TGLG 5300              |    | -                                                                                                                                                                       |      |         |       |                        |
|                   | SPRING | EDUC 6302              | MC | Educational Policy                                                                                                                                                      | 6    |         |       |                        |
|                   |        | EDUC 6490<br>EDUC 6499 | MC | Education Policy & Strategy - Capstone II or<br>Master's Thesis II                                                                                                      | 12   |         |       | EDUC 6390<br>EDUC 6399 |
| Total credits: 90 |        |                        |    |                                                                                                                                                                         |      |         |       |                        |

## Master of Arts in Teaching and Learning in Azerbaijani

| FIRST YEAR     |        | COURSE CODE                         | CA | COURSE TITLE                                                                                                                                                            | ECTS | ANTIREQ | COREQ | PREREQ                      |
|----------------|--------|-------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|-------|-----------------------------|
|                | FALL   | SOCS 5100                           | MC | Contemporary Issues in Teacher Education                                                                                                                                | 6    |         |       |                             |
|                |        | SOCS 5101                           | MC | Inquiry I: Research Methods                                                                                                                                             | 6    |         |       |                             |
|                |        | SOCS 5151                           | MC | Educational Psychology                                                                                                                                                  | 6    |         |       |                             |
|                |        | EAPP 5100<br>EAPP 5101<br>TGLG 5100 | MC | English for Academic Purposes I<br>or<br>English for Academic Purposes II<br>or<br>Azerbaijani Language and Literature I (for students from Georgia)                    | 6    |         |       | -<br>EAPP 5100<br>-         |
|                | SPRING | CIAS 5252                           | MC | Inquiry II: Course Planning & Evaluation                                                                                                                                | 6    |         |       | SOCS 5101                   |
|                |        | CIAS 5151                           | MC | Fundamentals of Effective Teaching & Learning                                                                                                                           | 6    |         |       |                             |
|                |        | CIAS 5152                           | MC | Curriculum & Assessment                                                                                                                                                 | 6    |         |       |                             |
|                |        | EAPP 5101<br>EAPP 5200<br>TGLG 5200 | MC | English for Academic Purposes II<br>or<br>English for Academic Purposes III<br>or<br>Azerbaijani Language and Literature II (for students from Georgia)                 | 6    |         |       | EAPP 5100<br>EAPP 5101<br>- |
| SECOND YEAR    | FALL   | CIAS 6300                           | MC | Assessment for Learning                                                                                                                                                 | 6    |         |       |                             |
|                |        | CIAS 6304                           | MC | Inclusive Education                                                                                                                                                     | 6    |         |       |                             |
|                |        | CIAS 6390<br>CIAS 6399              | MC | Teaching Strategy - Capstone I (Reflective Teaching Portfolio) or<br>Master's Thesis I                                                                                  | 6    |         |       |                             |
|                |        | WRIT 5102<br>WRIT 5103<br>TGLG 5300 | MC | Advanced Writing & Academic Discussion in English<br>or<br>Academic Writing in Azerbaijani<br>or<br>Azerbaijani Language and Literature III (for students from Georgia) | 6    |         |       | EAPP 5200<br>-<br>-         |
|                | SPRING | PDEV 6300                           | MC | Micro-Teaching                                                                                                                                                          | 6    |         |       |                             |
|                |        | CIAS 6490<br>CIAS 6499              | MC | Teaching Strategy - Capstone II (Reflective Teaching Portfolio) or<br>Master's Thesis II                                                                                | 12   |         |       | CIAS 6390<br>CIAS 6399      |
| Total Credits: |        |                                     |    |                                                                                                                                                                         | 90   |         |       |                             |

## School of IT and Engineering

Catalog year

Component Areas (CA)

2025

|    |                 |
|----|-----------------|
| UC | University Core |
| SC | School Core     |
| MC | Major Core      |
| ME | Major Elective  |
| FE | Free Elective   |
| IN | Internship      |

\*Students who enrolled prior to Fall 2025 should consult their academic advisors for the correct program of study and information about changes in the course numbering system.

## Bachelor of Science in Computer Engineering

| FIRST YEAR                                               |        | COURSE CODE                                              | CA                                                                                                                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                               | COREQ     | PREREQ                                |
|----------------------------------------------------------|--------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-----------|---------------------------------------|
|                                                          | FALL   | SITE 1101                                                | SC                                                                                                                                | Principles of Information Systems                                                                                                 | 6    |                                       |           |                                       |
|                                                          |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                                                                                                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |                                       |
|                                                          |        | MATH 1100                                                | UC                                                                                                                                | Pre-Calculus                                                                                                                      | 6    |                                       |           |                                       |
|                                                          |        | WRIT 1101                                                | UC                                                                                                                                | Writing & Information Literacy I                                                                                                  | 6    |                                       |           |                                       |
|                                                          |        | COMM 1200                                                | UC                                                                                                                                | Public Speaking & Persuasion                                                                                                      | 6    |                                       |           |                                       |
|                                                          |        | PDEV 0901                                                | UC                                                                                                                                | My ADA                                                                                                                            |      |                                       |           |                                       |
|                                                          | SPRING | MATH 1111                                                | SC                                                                                                                                | Calculus I                                                                                                                        | 6    | MATH 1001                             |           |                                       |
| SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 |        | UC                                                       | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6                                                                                                                                 |      |                                       |           |                                       |
| PDEV 2302                                                |        | UC                                                       | Data & Computing Skills                                                                                                           | 6                                                                                                                                 |      |                                       | PDEV 0901 |                                       |
| SOCS 1102                                                |        | UC                                                       | Global Perspective                                                                                                                | 6                                                                                                                                 |      |                                       |           |                                       |
| WRIT 1202                                                |        | UC                                                       | Writing & Information Literacy II                                                                                                 | 6                                                                                                                                 |      |                                       | WRIT 1101 |                                       |
| SECOND YEAR                                              | FALL   | MATH 1222                                                | MC                                                                                                                                | Calculus II                                                                                                                       | 6    | MATH 1202                             |           | MATH 1111                             |
|                                                          |        | MATH 3501                                                | MC                                                                                                                                | Linear Algebra                                                                                                                    | 6    | MATH 2400                             |           |                                       |
|                                                          |        | PHYS 1201                                                | MC                                                                                                                                | Physics I                                                                                                                         | 6    |                                       |           | MATH 1111                             |
|                                                          |        | PHYS 1201L                                               | MC                                                                                                                                | Physics I Lab                                                                                                                     | 2    |                                       | PHYS 1201 |                                       |
|                                                          |        | CSCI 1101                                                | MC                                                                                                                                | Programming Principles I                                                                                                          | 6    |                                       |           |                                       |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |                                       |
|                                                          | SPRING | CHEM 1201                                                | MC                                                                                                                                | General Chemistry                                                                                                                 | 6    |                                       |           |                                       |
|                                                          |        | CHEM 1201L                                               | MC                                                                                                                                | General Chemistry Lab                                                                                                             | 2    |                                       | CHEM 1201 |                                       |
|                                                          |        | MATH 2305                                                | MC                                                                                                                                | Ordinary Differential Equations                                                                                                   | 6    |                                       |           | MATH 1111                             |
|                                                          |        | PHYS 2202                                                | MC                                                                                                                                | Physics II                                                                                                                        | 6    |                                       |           | PHYS 1201                             |
|                                                          |        | PHYS 2202L                                               | MC                                                                                                                                | Physics II Lab                                                                                                                    | 2    |                                       | PHYS 2202 |                                       |
|                                                          |        | CSCI 1202                                                | MC                                                                                                                                | Programming Principles II                                                                                                         | 6    |                                       |           | CSCI 1101                             |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |                                       |
| THIRD YEAR                                               | FALL   | ENCE 2301                                                | MC                                                                                                                                | Digital Logic Design                                                                                                              | 6    |                                       |           |                                       |
|                                                          |        | MATH 1101                                                | MC                                                                                                                                | Discrete Structures                                                                                                               | 6    | MATH 1102                             |           |                                       |
|                                                          |        | ENCE 2402                                                | MC                                                                                                                                | Electric Circuits Design                                                                                                          | 6    |                                       |           | PHYS 2202;<br>MATH 2305               |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |                                       |
|                                                          |        | PDEV 3900                                                | IN                                                                                                                                | Career Development Skills & Strategies                                                                                            | 6    |                                       |           | 120 ECTS                              |
|                                                          | SPRING | CSCI 2304                                                | MC                                                                                                                                | Data Structures & Algorithms                                                                                                      | 6    |                                       |           | CSCI 1202 <i>or</i><br>CSCI 1101 (B-) |
|                                                          |        | ENCE 3504                                                | MC                                                                                                                                | Introduction to Electronics                                                                                                       | 6    |                                       |           | PHYS 2202                             |
|                                                          |        | CSCI 2303                                                | MC                                                                                                                                | Introduction to Computer Networks                                                                                                 | 6    |                                       |           |                                       |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |                                       |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |                                       |
| FOURTH YEAR                                              | FALL   | SITE 4790                                                | MC                                                                                                                                | Senior Design Project I                                                                                                           | 6    |                                       |           | Senior Standing                       |
|                                                          |        | CSCI 2406                                                | MC                                                                                                                                | Computer Organization & Architecture                                                                                              | 6    |                                       |           | ENCE 2301                             |
|                                                          |        | ENCE 4731                                                | MC                                                                                                                                | Microprocessor Systems                                                                                                            | 6    |                                       |           |                                       |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                       |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                       |
|                                                          | SPRING | SITE 4890                                                | MC                                                                                                                                | Senior Design Project II                                                                                                          | 6    |                                       |           | Senior Standing                       |
|                                                          |        | ENCE 3608                                                | MC                                                                                                                                | Introduction to Embedded Systems                                                                                                  | 6    |                                       |           | CSCI 2406                             |
|                                                          |        | MATH 2406                                                | MC                                                                                                                                | Probability & Statistics                                                                                                          | 6    | STAT 2301;<br>STAT 2311;<br>STAT 2412 |           | MATH 1111                             |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                       |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |                                       |
| Total Credits:                                           |        |                                                          |                                                                                                                                   |                                                                                                                                   | 246  |                                       |           |                                       |

## Major Electives: Bachelor of Science in Computer Engineering

|    |           |    |                                              |   |  |  |                                                 |
|----|-----------|----|----------------------------------------------|---|--|--|-------------------------------------------------|
| 1  | CSCI 2405 | ME | Human-Computer Interaction                   | 6 |  |  | Senior Standing                                 |
| 2  | CSCI 4701 | ME | Deep Learning                                | 6 |  |  | CSCI 4734                                       |
| 3  | CSCI 4734 | ME | Machine Learning                             | 6 |  |  | Senior Standing                                 |
| 4  | ENCE 4700 | ME | Introduction to FPGA Design                  | 6 |  |  | Senior Standing                                 |
| 5  | ENCE 4709 | ME | Microcontrollers: Interface & Programming    | 6 |  |  | ENCE 3608                                       |
| 6  | ENCE 4710 | ME | Signal Processing                            | 6 |  |  | MATH 2305                                       |
| 7  | ENCE 4807 | ME | Control Engineering                          | 6 |  |  | MATH 2305                                       |
| 8  | ENCE 4833 | ME | Mobile Robotics                              | 6 |  |  | Senior Standing                                 |
| 9  | EPEN 4700 | ME | Numerical Methods for Engineers              | 6 |  |  |                                                 |
| 10 | INFT 3506 | ME | Foundations of Mobile & Ubiquitous Computing | 6 |  |  | CSCI 1202                                       |
| 11 | INFT 3507 | ME | Principles of Distributed Systems            | 6 |  |  | CSCI 2303 &<br>CSCI 3510 <i>or</i><br>INFT 2404 |
| 12 | INFT 4700 | ME | Advanced Topic in Information Technology     | 6 |  |  | Senior Standing                                 |
| 13 | INFT 4732 | ME | Advanced Computer Networks                   | 6 |  |  | CSCI 2303                                       |
| 14 | ENCE 4733 | ME | Introduction to VLSI                         | 6 |  |  | Senior Standing;<br>ENCE 3504                   |
| 15 | INFT 4733 | ME | Cryptography & Network Security              | 6 |  |  | MATH 1101;<br>MATH 3501;<br>CSCI 2303           |
| 16 | INFT 4834 | ME | Advanced Database Systems                    | 6 |  |  | INFT 2301 <i>or</i><br>CSCI 3615                |
| 17 | INFT 4836 | ME | Introduction to Big Data Analytics           | 6 |  |  | Senior Standing                                 |

## Bachelor of Science in Computer Science

|                |        | COURSE CODE                                              | CA | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                               | COREQ     | PREREQ                                   |
|----------------|--------|----------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-----------|------------------------------------------|
|                |        |                                                          |    |                                                                                                                                   |      |                                       |           |                                          |
| FIRST YEAR     | FALL   | SITE 1101                                                | SC | Principles of Information Systems                                                                                                 | 6    |                                       |           |                                          |
|                |        | SOCs<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |                                          |
|                |        | MATH 1100                                                | UC | Pre-Calculus                                                                                                                      | 6    |                                       |           |                                          |
|                |        | WRIT 1101                                                | UC | Writing & Information Literacy I                                                                                                  | 6    |                                       |           |                                          |
|                |        | COMM 1200                                                | UC | Public Speaking & Persuasion                                                                                                      | 6    |                                       |           |                                          |
|                |        | PDEV 0901                                                | UC | My ADA                                                                                                                            |      |                                       |           |                                          |
|                | SPRING | MATH 1111                                                | SC | Calculus I                                                                                                                        | 6    | MATH 1001                             |           |                                          |
|                |        | SOCs<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |                                          |
|                |        | PDEV 2302                                                | UC | Data & Computing Skills                                                                                                           | 6    |                                       |           | PDEV 0901                                |
|                |        | SOCs 1102                                                | UC | Global Perspective                                                                                                                | 6    |                                       |           |                                          |
|                |        | WRIT 1202                                                | UC | Writing & Information Literacy II                                                                                                 | 6    |                                       |           | WRIT 1101                                |
|                |        |                                                          |    |                                                                                                                                   |      |                                       |           |                                          |
| SECOND YEAR    | FALL   | MATH 1222                                                | MC | Calculus II                                                                                                                       | 6    | MATH 1202                             |           | MATH 1111                                |
|                |        | MATH 1101                                                | MC | Discrete Structures                                                                                                               | 6    | MATH 1102                             |           |                                          |
|                |        | PHYS 1201                                                | MC | Physics I                                                                                                                         | 6    |                                       |           | MATH 1111                                |
|                |        | PHYS 1201L                                               | MC | Physics I Lab                                                                                                                     | 2    |                                       | PHYS 1201 |                                          |
|                |        | CSCI 1101                                                | MC | Programming Principles I                                                                                                          | 6    |                                       |           |                                          |
|                |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |           |                                          |
|                | SPRING | CSCI 2303                                                | MC | Introduction to Computer Networks                                                                                                 | 6    |                                       |           |                                          |
|                |        | ENCE 2301                                                | MC | Digital Logic Design                                                                                                              | 6    |                                       |           |                                          |
|                |        | MATH 3501                                                | MC | Linear Algebra                                                                                                                    | 6    | MATH 2400                             |           |                                          |
|                |        | CSCI 1202                                                | MC | Programming Principles II                                                                                                         | 6    |                                       |           | CSCI 1101                                |
|                |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |           |                                          |
|                |        |                                                          |    |                                                                                                                                   |      |                                       |           |                                          |
| THIRD YEAR     | FALL   | CSCI 2406                                                | MC | Computer Organization & Architecture                                                                                              | 6    |                                       |           | ENCE 2301                                |
|                |        | CSCI 2304                                                | MC | Data Structures & Algorithms                                                                                                      | 6    |                                       |           | CSCI 1202 or<br>CSCI 1101 (B-)           |
|                |        | MATH 2406                                                | MC | Probability & Statistics                                                                                                          | 6    | STAT 2301;<br>STAT 2311;<br>STAT 2412 |           | MATH 1111                                |
|                |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |           |                                          |
|                |        | PDEV 3900                                                | IN | Career Development Skills & Strategies                                                                                            | 6    |                                       |           | 120 ECTS                                 |
|                |        |                                                          |    |                                                                                                                                   |      |                                       |           |                                          |
|                | SPRING | CSCI 3613                                                | MC | Artificial Intelligence                                                                                                           | 6    |                                       |           | MATH 2406;<br>CSCI 2304                  |
|                |        | CSCI 3615                                                | MC | Database Systems                                                                                                                  | 6    |                                       |           | CSCI 2304                                |
|                |        | CSCI 3510                                                | MC | Principles of Operating Systems                                                                                                   | 6    |                                       |           | CSCI 2406                                |
|                |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |           |                                          |
|                |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |           |                                          |
|                |        |                                                          |    |                                                                                                                                   |      |                                       |           |                                          |
| FOURTH YEAR    | FALL   | SITE 4790                                                | MC | Senior Design Project I                                                                                                           | 6    |                                       |           | Senior Standing                          |
|                |        | CSCI 3509                                                | MC | Introduction to Software Engineering                                                                                              | 6    |                                       |           | Junior Standing                          |
|                |        | CSCI 3612                                                | MC | Object Oriented Analysis & Design                                                                                                 | 6    |                                       |           | CSCI 1101;<br>CSCI 3509                  |
|                |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                          |
|                |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                          |
|                | SPRING | SITE 4890                                                | MC | Senior Design Project II                                                                                                          | 6    |                                       |           | Senior Standing                          |
|                |        | CSCI 2408                                                | MC | Computer Graphics                                                                                                                 | 6    |                                       |           | MATH 3501;<br>CSCI 1202<br>Principles II |
|                |        | CSCI 2407                                                | MC | Theory of Computation                                                                                                             | 6    |                                       |           | MATH 1101;<br>CSCI 2304                  |
|                |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                          |
|                |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |           |                                          |
| Total Credits: |        |                                                          |    |                                                                                                                                   | 242  |                                       |           |                                          |

## Major Electives: Bachelor of Science in Computer Science

|    |           |    |                                   |   |  |           |                                                |
|----|-----------|----|-----------------------------------|---|--|-----------|------------------------------------------------|
| 1  | CSCI 3511 | ME | Programming Languages Theory      | 6 |  |           | Senior Standing                                |
| 2  | CSCI 4700 | ME | Data Mining                       | 6 |  |           | MATH 2406;<br>MATH 3501;<br>CSCI 2304          |
| 3  | CSCI 4701 | ME | Deep Learning                     | 6 |  |           | CSCI 4734                                      |
| 4  | CSCI 4702 | ME | Natural Language Processing       | 6 |  |           |                                                |
| 5  | CSCI 4703 | ME | Computer Vision                   | 6 |  |           |                                                |
| 6  | CSCI 4731 | ME | Software Design & Patterns        | 6 |  | CSCI 3612 |                                                |
| 7  | CSCI 4734 | ME | Machine Learning                  | 6 |  |           | Senior Standing                                |
| 8  | CSCI 4836 | ME | Game Development Fundamentals     | 6 |  |           | CSCI 2304                                      |
| 9  | ENCE 4700 | ME | Introduction to FPGA Design       | 6 |  |           | Senior Standing                                |
| 10 | INFT 3507 | ME | Principles of Distributed Systems | 6 |  |           | CSCI 2303;<br>CSCI 3510 <i>or</i><br>INFT 2404 |
| 11 | INFT 4733 | ME | Cryptography & Network Security   | 6 |  |           | MATH 1101;<br>MATH 3501;<br>CSCI 2303          |
| 12 | MATH 4700 | ME | Numerical Analysis                | 6 |  |           |                                                |
| 13 | MATH 4800 | ME | Optimization Methods              | 6 |  |           |                                                |

## Bachelor of Science in Information Technologies

| FIRST YEAR     |        | COURSE CODE                                              | CA                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                               | COREQ     | PREREQ                                |
|----------------|--------|----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-----------|---------------------------------------|
|                | FALL   | SITE 1101                                                | SC                                | Principles of Information Systems                                                                                                 | 6    |                                       |           |                                       |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |                                       |
|                |        | MATH 1100                                                | UC                                | Pre-Calculus                                                                                                                      | 6    |                                       |           |                                       |
|                |        | WRIT 1101                                                | UC                                | Writing & Information Literacy I                                                                                                  | 6    |                                       |           |                                       |
|                |        | COMM 1200                                                | UC                                | Public Speaking & Persuasion                                                                                                      | 6    |                                       |           |                                       |
|                |        | PDEV 0901                                                | UC                                | My ADA                                                                                                                            |      |                                       |           |                                       |
|                | SPRING | MATH 1111                                                | SC                                | Calculus I                                                                                                                        | 6    | MATH 1001                             |           |                                       |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |                                       |
|                |        | PDEV 2302                                                | UC                                | Data & Computing Skills                                                                                                           | 6    |                                       |           | PDEV 0901                             |
| SOCS 1102      |        | UC                                                       | Global Perspective                | 6                                                                                                                                 |      |                                       |           |                                       |
| WRIT 1202      |        | UC                                                       | Writing & Information Literacy II | 6                                                                                                                                 |      |                                       | WRIT 1101 |                                       |
| SECOND YEAR    | FALL   | MATH 1222                                                | MC                                | Calculus II                                                                                                                       | 6    | MATH 1202                             |           | MATH 1111                             |
|                |        | MATH 3501                                                | MC                                | Linear Algebra                                                                                                                    | 6    | MATH 2400                             |           |                                       |
|                |        | PHYS 1201                                                | MC                                | Physics I                                                                                                                         | 6    |                                       |           | MATH 1111                             |
|                |        | PHYS 1201L                                               | MC                                | Physics I Lab                                                                                                                     | 2    |                                       | PHYS 1201 |                                       |
|                |        | CSCI 1101                                                | MC                                | Programming Principles I                                                                                                          | 6    |                                       |           |                                       |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                       |           |                                       |
|                | SPRING | MATH 1101                                                | MC                                | Discrete Structures                                                                                                               | 6    | MATH 1102                             |           |                                       |
|                |        | INFT 2404                                                | MC                                | IT Systems: Hardware & Software                                                                                                   | 6    |                                       |           |                                       |
|                |        | MATH 2406                                                | MC                                | Probability & Statistics                                                                                                          | 6    | STAT 2301;<br>STAT 2311;<br>STAT 2412 |           | MATH 1111                             |
|                |        | CSCI 1202                                                | MC                                | Programming Principles II                                                                                                         | 6    |                                       |           | CSCI 1101                             |
| ***            |        | FE                                                       | Free Elective                     | 6                                                                                                                                 |      |                                       |           |                                       |
| THIRD YEAR     | FALL   | CSCI 2304                                                | MC                                | Data Structures & Algorithms                                                                                                      | 6    |                                       |           | CSCI 1202 <i>or</i><br>CSCI 1101 (B-) |
|                |        | CSCI 3615                                                | MC                                | Database Systems                                                                                                                  | 6    |                                       |           | CSCI 2304                             |
|                |        | INFT 2302                                                | MC                                | Web & Mobile I                                                                                                                    | 6    |                                       |           | CSCI 1101                             |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                       |           |                                       |
|                |        | PDEV 3900                                                | IN                                | Career Development Skills & Strategies                                                                                            | 6    |                                       |           | 120 ECTS                              |
|                | SPRING | CSCI 2303                                                | MC                                | Introduction to Computer Networks                                                                                                 | 6    |                                       |           |                                       |
|                |        | INFT 2303                                                | MC                                | Systems Analysis & Design                                                                                                         | 6    |                                       |           |                                       |
|                |        | INFT 2405                                                | MC                                | Web & Mobile II                                                                                                                   | 6    |                                       | INFT 2303 | INFT 2302                             |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                       |           |                                       |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                       |           |                                       |
| FOURTH YEAR    | FALL   | SITE 4790                                                | MC                                | Senior Design Project I                                                                                                           | 6    |                                       |           | Senior Standing                       |
|                |        | INFT 3508                                                | MC                                | Cyber Security Fundamentals                                                                                                       | 6    |                                       |           | CSCI 2303                             |
|                |        | INFT 3609                                                | MC                                | IT Project Management                                                                                                             | 6    |                                       |           | INFT 2303 <i>or</i><br>CSCI 3509      |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                       |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                       |
|                | SPRING | SITE 4890                                                | MC                                | Senior Design Project II                                                                                                          | 6    |                                       |           | Senior Standing                       |
|                |        | INFT 3610                                                | MC                                | Business Process Modeling for IT Solutions                                                                                        | 6    |                                       |           | INFT 2303 <i>or</i><br>CSCI 3509      |
|                |        | INFT 3611                                                | MC                                | Production & Operations Management                                                                                                | 6    |                                       |           | Senior Standing                       |
|                |        | ***                                                      | ME                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing                       |
|                |        | ***                                                      | FE                                | Free Elective                                                                                                                     | 6    |                                       |           |                                       |
| Total Credits: |        |                                                          |                                   |                                                                                                                                   | 242  |                                       |           |                                       |

## Major Electives: Bachelor of Science in Information Technologies

|    |           |    |                                              |   |  |  |                                                |
|----|-----------|----|----------------------------------------------|---|--|--|------------------------------------------------|
| 1  | CSCI 3509 | ME | Introduction to Software Engineering         | 6 |  |  | Junior Standing                                |
| 2  | CSCI 3612 | ME | Object Oriented Analysis & Design            | 6 |  |  | CSCI 1101;<br>CSCI 3509                        |
| 3  | CSCI 3613 | ME | Artificial Intelligence                      | 6 |  |  | MATH 2406;<br>CSCI 2304                        |
| 4  | CSCI 4731 | ME | Software Design & Patterns                   | 6 |  |  |                                                |
| 5  | ENCE 4700 | ME | Introduction to FPGA Design                  | 6 |  |  | Senior Standing                                |
| 6  | INFT 3506 | ME | Foundations of Mobile & Ubiquitous Computing | 6 |  |  | INFT 2302                                      |
| 7  | INFT 3507 | ME | Principles of Distributed Systems            | 6 |  |  | CSCI 2303;<br>CSCI 3510 <i>or</i><br>INFT 2404 |
| 8  | INFT 4732 | ME | Advanced Computer Networks                   | 6 |  |  | CSCI 2303                                      |
| 9  | INFT 4733 | ME | Cryptography & Network Security              | 6 |  |  | MATH 1101;<br>MATH 3501;<br>CSCI 2303          |
| 10 | INFT 4834 | ME | Advanced Database Systems                    | 6 |  |  | INFT 2301 <i>or</i><br>CSCI 3615               |
| 11 | INFT 4836 | ME | Introduction to Big Data Analytics           | 6 |  |  | Senior Standing                                |

## Bachelor of Science in Mathematics

| FIRST YEAR                                               | FALL   | COURSE CODE                                              | CA                                                                                                                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                               | COREQ     | PREREQ          |
|----------------------------------------------------------|--------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-----------|-----------------|
|                                                          |        | SITE 1101                                                | SC                                                                                                                                | Principles of Information Systems                                                                                                 | 6    |                                       |           |                 |
|                                                          |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                                                                                                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |                 |
|                                                          |        | MATH 1100                                                | UC                                                                                                                                | Pre-Calculus                                                                                                                      | 6    |                                       |           |                 |
|                                                          |        | COMM 1200                                                | UC                                                                                                                                | Public Speaking & Persuasion                                                                                                      | 6    |                                       |           |                 |
|                                                          |        | WRIT 1101                                                | UC                                                                                                                                | Writing & Information Literacy I                                                                                                  | 6    |                                       |           |                 |
|                                                          |        | PDEV 0901                                                | UC                                                                                                                                | My ADA                                                                                                                            |      |                                       |           |                 |
|                                                          | SPRING | MATH 1111                                                | SC                                                                                                                                | Calculus I                                                                                                                        | 6    | MATH 1001                             |           |                 |
| SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 |        | UC                                                       | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6                                                                                                                                 |      |                                       |           |                 |
| PDEV 2302                                                |        | UC                                                       | Data & Computing Skills                                                                                                           | 6                                                                                                                                 |      |                                       | PDEV 0901 |                 |
| SOCS 1102                                                |        | UC                                                       | Global Perspectives                                                                                                               | 6                                                                                                                                 |      |                                       |           |                 |
| WRIT 1202                                                |        | UC                                                       | Writing & Information Literacy II                                                                                                 | 6                                                                                                                                 |      |                                       | WRIT 1101 |                 |
|                                                          |        |                                                          |                                                                                                                                   |                                                                                                                                   |      |                                       |           |                 |
| SECOND YEAR                                              | FALL   | MATH 1222                                                | MC                                                                                                                                | Calculus II                                                                                                                       | 6    | MATH 1202                             |           | MATH 1111       |
|                                                          |        | MATH 1101                                                | MC                                                                                                                                | Discrete Structures                                                                                                               | 6    | MATH 1102                             |           |                 |
|                                                          |        | PHYS 1201                                                | MC                                                                                                                                | Physics I                                                                                                                         | 6    | PHYS 2301                             |           | MATH 1111       |
|                                                          |        | PHYS 1201L                                               | MC                                                                                                                                | Physics I Lab                                                                                                                     | 2    |                                       | PHYS 1201 |                 |
|                                                          |        | CSCI 1101                                                | MC                                                                                                                                | Programming Principles I                                                                                                          | 6    |                                       |           |                 |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |                 |
|                                                          | SPRING | MATH 2403                                                | MC                                                                                                                                | Abstract Algebra I                                                                                                                | 6    |                                       |           |                 |
|                                                          |        | MATH 2402                                                | MC                                                                                                                                | Introduction to Topology                                                                                                          | 6    |                                       |           | MATH 1111       |
|                                                          |        | MATH 3501                                                | MC                                                                                                                                | Linear Algebra                                                                                                                    | 6    | MATH 2400;<br>MATH 2405               |           |                 |
|                                                          |        | MATH 2404                                                | MC                                                                                                                                | Introduction to Real Analysis                                                                                                     | 6    |                                       |           | MATH 1111       |
| ***                                                      |        | FE                                                       | Free Elective                                                                                                                     | 6                                                                                                                                 |      |                                       |           |                 |
| THIRD YEAR                                               | FALL   | MATH 3504                                                | MC                                                                                                                                | Abstract Algebra II                                                                                                               | 6    |                                       |           |                 |
|                                                          |        | MATH 2305                                                | MC                                                                                                                                | Ordinary Differential Equations                                                                                                   | 6    |                                       |           | MATH 1111       |
|                                                          |        | MATH 2406                                                | MC                                                                                                                                | Probability & Statistics                                                                                                          | 6    | STAT 2301;<br>STAT 2311;<br>STAT 2412 |           | MATH 1111       |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Junior Standing |
|                                                          |        | PDEV 3900                                                | IN                                                                                                                                | Career Development Skills & Strategies                                                                                            | 6    |                                       |           | 120 ECTS        |
|                                                          | SPRING | MATH 3600                                                | MC                                                                                                                                | Complex Analysis                                                                                                                  | 6    |                                       |           |                 |
|                                                          |        | MATH 2300                                                | MC                                                                                                                                | Introduction to Number Theory                                                                                                     | 6    |                                       |           |                 |
|                                                          |        | MATH 3502                                                | MC                                                                                                                                | Partial Differential Equations                                                                                                    | 6    |                                       |           | MATH 1222       |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Junior Standing |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |                 |
| FOURTH YEAR                                              | FALL   | MATH 2401                                                | MC                                                                                                                                | Combinatorial Analysis                                                                                                            | 6    |                                       |           | MATH 1101       |
|                                                          |        | MATH 3604                                                | MC                                                                                                                                | Differential Geometry & Topology                                                                                                  | 6    |                                       |           | MATH 1111       |
|                                                          |        | MATH 3601                                                | MC                                                                                                                                | Functional Analysis                                                                                                               | 6    |                                       |           | MATH 1111       |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Junior Standing |
|                                                          | SPRING | MATH 4890                                                | MC                                                                                                                                | Senior Design Project                                                                                                             | 6    |                                       |           | Senior Standing |
|                                                          |        | MATH 4700                                                | MC                                                                                                                                | Numerical Analysis                                                                                                                | 6    |                                       |           | Senior Standing |
|                                                          |        | MATH 4800                                                | MC                                                                                                                                | Optimization Methods                                                                                                              | 6    |                                       |           |                 |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           | Senior Standing |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |                 |
| Total Credits:                                           |        |                                                          |                                                                                                                                   |                                                                                                                                   | 242  |                                       |           |                 |

## Major Electives: Bachelor of Science in Mathematics

|    |           |    |                                           |   |  |  |                 |
|----|-----------|----|-------------------------------------------|---|--|--|-----------------|
| 1  | MATH 3605 | ME | Applied Linear Algebra                    | 6 |  |  |                 |
| 2  | MATH 3606 | ME | Combinatorial Optimization                | 6 |  |  |                 |
| 3  | MATH 3607 | ME | Discrete Geometry                         | 6 |  |  |                 |
| 4  | MATH 3608 | ME | Foundations of Geometry                   | 6 |  |  |                 |
| 5  | MATH 3609 | ME | Introduction to Homological Algebra       | 6 |  |  |                 |
| 6  | MATH 3610 | ME | Linear Differential Operators             | 6 |  |  |                 |
| 7  | MATH 3611 | ME | Mathematical Foundations of Data Analysis | 6 |  |  |                 |
| 8  | MATH 3612 | ME | Mathematical Modelling                    | 6 |  |  |                 |
| 9  | MATH 3613 | ME | Number Fields                             | 6 |  |  |                 |
| 10 | MATH 3614 | ME | Stochastic Optimization                   | 6 |  |  |                 |
| 11 | MATH 4703 | ME | Introduction to Algebraic Topology        | 6 |  |  |                 |
| 12 | MATH 4702 | ME | Mathematical Foundations of Cryptography  | 6 |  |  | Junior Standing |

## Bachelor of Science in Electrical and Electronics Engineering

| FIRST YEAR     | FALL   | COURSE CODE                                              | CA | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                 | COREQ | PREREQ    |
|----------------|--------|----------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|------|-------------------------|-------|-----------|
|                |        | SITE 1101                                                | SC | Principles of Information Systems                                                                                                 | 6    |                         |       |           |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                         |       |           |
|                |        | MATH 1100                                                | UC | Pre-Calculus                                                                                                                      | 6    |                         |       |           |
|                |        | WRIT 1101                                                | UC | Writing & Information Literacy I                                                                                                  | 6    |                         |       |           |
|                |        | COMM 1200                                                | UC | Public Speaking & Persuasion                                                                                                      | 6    |                         |       |           |
|                |        | PDEV 0901                                                | UC | My ADA                                                                                                                            |      |                         |       |           |
|                | SPRING | PHYS 1200                                                | SC | Fundamentals of Physics                                                                                                           | 6    |                         |       |           |
|                |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                         |       |           |
|                |        | PDEV 2302                                                | UC | Data & Computing Skills                                                                                                           | 6    |                         |       | PDEV 0901 |
|                |        | SOCS 1102                                                | UC | Global Perspective                                                                                                                | 6    |                         |       |           |
|                |        | WRIT 1202                                                | UC | Writing & Information Literacy II                                                                                                 | 6    |                         |       | WRIT 1101 |
| SECOND YEAR    | FALL   | CHEM 2300                                                | MC | Chemistry                                                                                                                         | 8    |                         |       |           |
|                |        | CSCI 1001                                                | MC | Computer Science                                                                                                                  | 8    |                         |       |           |
|                |        | MATH 2301                                                | MC | Mathematical Analysis I                                                                                                           | 10   | MATH 1203               |       |           |
|                |        | ENCE 2300                                                | MC | Data & Information Engineering                                                                                                    | 3    | ENCE 3503               |       |           |
|                | SPRING | ELNG 2301                                                | MC | Electrical Circuit Analysis I                                                                                                     | 8    |                         |       |           |
|                |        | MATH 2405                                                | MC | Linear Algebra & Geometry                                                                                                         | 10   | MATH 3501;<br>MATH 2400 |       |           |
| PHYS 2301      | MC     | Physics I                                                | 10 | PHYS 1201                                                                                                                         |      |                         |       |           |
| THIRD YEAR     | FALL   | MENG 3500                                                | MC | Engineering Drawing                                                                                                               | 6    |                         |       |           |
|                |        | MENG 3501                                                | MC | Fundamentals of Engineering Thermodynamics & Heat Transfer                                                                        | 6    |                         |       |           |
|                |        | MATH 3503                                                | MC | Mathematical Analysis II                                                                                                          | 6    | MATH 1203               |       |           |
|                |        | PHYS 2402                                                | MC | Physics II                                                                                                                        | 6    |                         |       |           |
|                |        | MENG 3502                                                | MC | Science & Technology of Materials                                                                                                 | 6    |                         |       |           |
|                | SPRING | ELNG 3603                                                | MC | Applied Electromagnetism                                                                                                          | 6    |                         |       | In Torino |
|                |        | MENG 3601                                                | MC | Applied Mechanics & Machine Design                                                                                                | 8    |                         |       | In Torino |
|                |        | ELNG 3602                                                | MC | Electrical Circuit Analysis II                                                                                                    | 6    |                         |       | In Torino |
|                |        | ELNG 3604                                                | MC | Electrical Measurements                                                                                                           | 6    |                         |       | In Torino |
|                |        | ***                                                      | FE | Free Electives (e.g. Big Global Challenges)                                                                                       | 6    |                         |       | In Torino |
| FOURTH YEAR    | FALL   | SITE 4790                                                | MC | Senior Design Project I                                                                                                           | 7    |                         |       |           |
|                |        | ENCE 4807                                                | MC | Control Engineering                                                                                                               | 6    |                         |       |           |
|                |        | ELNG 4702                                                | MC | Electrical Machines                                                                                                               | 6    |                         |       |           |
|                |        | ELNG 4711                                                | MC | Electrical Power Systems I (Generation & Transmission)                                                                            | 6    |                         |       |           |
|                |        | ENCE 3504                                                | MC | Introduction to Electronics                                                                                                       | 6    |                         |       |           |
|                | SPRING | SITE 4890                                                | MC | Senior Design Project II                                                                                                          | 3    |                         |       |           |
|                |        | ECNG 4801                                                | MC | Fundamentals of Power Electronics                                                                                                 | 6    |                         |       |           |
|                |        | ELNG 4800                                                | MC | Fundamentals of Power Drives                                                                                                      | 6    |                         |       |           |
|                |        | ELNG 4812                                                | MC | Electrical Power Systems II (Distribution & Utilization)                                                                          | 6    |                         |       |           |
| INTR 4800      | IN     | Internship                                               | 9  |                                                                                                                                   |      |                         |       |           |
| Total Credits: |        |                                                          |    |                                                                                                                                   | 240  |                         |       |           |

### Free Electives: Bachelor of Science in Electrical and Electronics Engineering

|   |     |    |                           |   |  |  |        |
|---|-----|----|---------------------------|---|--|--|--------|
| 1 | *** | FE | Renewable Resources       | 6 |  |  | Polito |
| 2 | *** | FE | Storage Systems           | 6 |  |  | Polito |
| 3 | *** | FE | Transport Electrification | 6 |  |  | Polito |

## Master of Science in Computer Science and Data Analytics

|                |        | COURSE CODE | CA | COURSE TITLE                               | ECTS | ANTIREQ | COREQ | PREREQ    | INSTRUCTOR           | LOCATION |
|----------------|--------|-------------|----|--------------------------------------------|------|---------|-------|-----------|----------------------|----------|
| FIRST YEAR     | FALL   | CSCI 6221   | MC | Advanced Software Paradigms                | 6    |         |       |           | GWU/in Person        | Baku     |
|                |        | CSCI 6461   | MC | Computer Systems Architecture              | 6    |         |       |           | GWU/in Person        | Baku     |
|                |        | CSCI 6212   | MC | Design & Analysis of Algorithms            | 6    |         |       |           | GWU/in Person        | Baku     |
|                | SPRING | CSCI 6444   | MC | Introduction to Big Data & Analytics       | 6    |         |       | CSCI 6221 | GWU/in Person        | Baku     |
|                |        | ***         | ME | Major Elective                             | 6    |         |       |           | GWU/Online           | Baku     |
|                |        | ***         | ME | Major Elective*                            | 6    |         |       |           | ADA/in Person        | Baku     |
|                | SUMMER | CSCI 6917   | MC | Guided Research for Graduate Students I    | 3    |         |       |           | GWU/in Person        | DC       |
|                |        | CSCI 6918   | MC | Guided Research for Graduate Students II   | 3    |         |       |           | GWU/in Person        | DC       |
| SECOND YEAR    | FALL   | CSCI 6998   | MC | Master's Thesis I*                         | 6    |         |       |           | ADA/in Person/Online | DC       |
|                |        | ***         | ME | Major Elective                             | 6    |         |       |           | GWU/in Person        | DC       |
|                |        | ***         | ME | Major Elective                             | 6    |         |       |           | GWU/in Person        | DC       |
|                |        | ***         | ME | Major Elective                             | 6    |         |       |           | GWU/in Person        | DC       |
|                | SPRING | CSCI 6999   | MC | Master's Thesis II*                        | 12   |         |       |           | ADA/in Person        | Baku     |
|                |        | CSCI 6767   | MC | Applied Machine Learning & Data Analytics* | 6    |         |       |           | ADA/in Person        | Baku     |
|                |        | ***         | MC | Major Elective                             | 6    |         |       |           | GWU/Online           | Baku     |
|                |        | ***         | ME | Major Elective                             | 6    |         |       |           | GWU/Online           | Baku     |
| Total Credits: |        |             |    |                                            | 96   |         |       |           |                      |          |

\*Required for the MS in Data Analytics degree awarded by ADA

## Major Electives: Master of Science in Computer Science and Data Analytics

| #  | COURSE CODE | CA | COURSE TITLE                         | ECTS | ANTIREQ | SEMESTER         | PREREQ                              | FACULTY    | LOCATION |
|----|-------------|----|--------------------------------------|------|---------|------------------|-------------------------------------|------------|----------|
| 1  | CSCI 6231   | ME | Software Engineering                 | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 2  | CSCI 6331   | ME | Cryptography                         | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 3  | CSCI 6342   | ME | Computational Linear Algebra         | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 4  | CSCI 6351   | ME | Data Compression                     | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 5  | CSCI 6364   | ME | Machine Learning                     | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 6  | CSCI 6400   | ME | Computer Game Design & Programming   | 6    |         |                  |                                     | GWU        | DC       |
| 7  | CSCI 6418   | ME | Unix Systems Administration          | 6    |         |                  |                                     | GWU        | DC       |
| 8  | CSCI 6421   | ME | Distributed & Cluster Computing      | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 9  | CSCI 6433   | ME | Internet Protocols                   | 6    |         |                  |                                     | GWU        | DC       |
| 10 | CSCI 6441   | ME | Database Management Systems          | 6    |         | 2nd year, Spring | CSCI 6221 ; CSCI 6461               | GWU/Online | Baku     |
| 11 | CSCI 6443   | ME | Data Mining                          | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 12 | CSCI 6451   | ME | Information Retrieval Systems        | 6    |         | 2nd year, Spring | CSCI 6221; CSCI 6461                | GWU/Online | Baku     |
| 13 | CSCI 6511   | ME | Artificial Intelligence              | 6    |         | 1st year, Spring | CSCI 6212                           | GWU/Online | Baku     |
| 14 | CSCI 6515   | ME | Natural Language Processing          | 6    |         | 2nd year, Spring | CSCI 6212                           | ADA        | Baku     |
| 15 | CSCI 6527   | ME | Introduction to Computer Vision      | 6    |         | 2nd year, Spring | CSCI 6221; CSCI 6461                | ADA        | Baku     |
| 16 | CSCI 6531   | ME | Computer Security Principles         | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 17 | CSCI 6555   | ME | Computer Animation                   | 6    |         |                  |                                     | GWU        | DC       |
| 18 | CSCI 6561   | ME | Design of Human Computer Interaction | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 19 | CSCI 6907   | ME | Neural Networks                      | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 20 | CSCI 6908   | ME | Augmented & Virtual Reality          | 6    |         | 2nd year, Fall   | Prerequisite requirements at CS/GWU | GWU        | DC       |
| 21 | CSCI 6366   | ME | Neural Networks & Deep Learning      | 6    |         |                  | Prerequisite requirements at CS/GWU | GWU        | DC       |

|    |           |    |                 |   |  |  |                                     |     |    |
|----|-----------|----|-----------------|---|--|--|-------------------------------------|-----|----|
| 22 | CSCI 6909 | ME | Cloud Computing | 6 |  |  | Prerequisite requirements at CS/GWU | GWU | DC |
|----|-----------|----|-----------------|---|--|--|-------------------------------------|-----|----|

## Master of Science in Electrical & Power Engineering

| FIRST YEAR | COURSE CODE    |           | CA        | COURSE TITLE                        | ECTS                | ANTIR EQ | COREQ | PREREQ | FACULTY       | LOCATION      |      |
|------------|----------------|-----------|-----------|-------------------------------------|---------------------|----------|-------|--------|---------------|---------------|------|
|            | SPRING         | EPEN 6070 | MC        | Electrical Power Systems            | 6                   |          |       |        | GWU/Online    | Baku          |      |
|            |                | EPEN 6025 | MC        | Signals & Transforms in Engineering | 6                   |          |       |        | GWU/Online    | Baku          |      |
|            |                | ***       | ME        | Major Elective*                     | 6                   |          |       |        | ADA/In Person | Baku          |      |
| FALL       | SUMMER         | ***       | ME        | Major Elective                      | 6                   |          |       |        | GWU/Online    | Baku          |      |
|            |                | FALL      | ***       | ME                                  | Major Elective      | 6        |       |        |               | GWU/Online    | Baku |
|            |                |           | ***       | ME                                  | Major Elective      | 6        |       |        |               | GWU/Online    | Baku |
|            | ***            |           | ME        | Major Elective*                     | 6                   |          |       |        | ADA/In Person | Baku          |      |
|            | SECOND YEAR    | SPRING    | ***       | ME                                  | Major Elective      | 6        |       |        |               | GWU/In Person | DC   |
|            |                |           | ***       | ME                                  | Major Elective      | 6        |       |        |               | GWU/In Person | DC   |
| ***        |                |           | ME        | Major Elective                      | 6                   |          |       |        | GWU/In Person | DC            |      |
| ***        |                |           | ME        | Major Elective                      | 6                   |          |       |        | GWU/In Person | DC            |      |
| FALL       | SUMMER         | EPEN 6998 | MC        | Master's Thesis I*                  | 6                   |          |       |        | ADA/In Person | Baku          |      |
|            |                | FALL      | EPEN 6999 | MC                                  | Master's Thesis II* | 12       |       |        |               | ADA/In Person | Baku |
|            |                |           | ***       | ME                                  | Major Elective      | 6        |       |        |               | GWU/Online    | Baku |
|            | Total Credits: |           |           |                                     | 90                  |          |       |        |               |               |      |

\*Required for the MS in Electrical Power & Energy degree awarded by ADA

## Major Electives: Master of Science in Electrical & Power Engineering

| #  | COURSE CODE | CA | COURSE TITLE                              | ECTS | ANTIR EQ | SEMESTER         | PREREQ    | FACULTY       | LOCATION |
|----|-------------|----|-------------------------------------------|------|----------|------------------|-----------|---------------|----------|
| 1  | CSCI 6210   | ME | Machine Intelligence                      | 6    |          | 1st year, Fall   |           | GWU/Online    | Baku     |
| 2  | EPEN 6668   | ME | Power Distribution Grids                  | 6    |          | 1st year, Fall   | EPEN 6070 | GWU/Online    | Baku     |
| 3  | EPEN 6010   | ME | Linear Systems Theory                     | 6    |          | 1st year, Summer |           | GWU/Online    | Baku     |
| 4  | PWEN 6610   | ME | Electrical Energy Conversion              | 6    |          | 2nd year, Spring |           | GWU/In Person | DC       |
| 5  | EPEN 6662   | ME | Power Electronics                         | 6    |          | 2nd year, Spring |           | GWU/In Person | DC       |
| 6  | EPEN 6670   | ME | Power System Protection                   | 6    |          | 2nd year, Spring |           | GWU/In Person | DC       |
| 7  | EPEN 6691   | ME | Power Systems Reliability                 | 6    |          | 2nd year, Spring |           | GWU/In Person | DC       |
| 8  | EPEN 6050   | ME | Research                                  | 6    |          | 2nd year, Spring |           | GWU/In Person | DC       |
| 9  | EPEN 6501   | ME | Automation & Control in Power Engineering | 6    |          |                  |           | ADA           | Baku     |
| 10 | EPEN 6200   | ME | Numerical Methods for Engineers           | 6    |          |                  |           | ADA/In Person | Baku     |
| 11 | PWEN 6669   | ME | Smart Power Grids                         | 6    |          |                  |           | DC            |          |
| 12 | ELNG 6010   | ME | Special Topics in Electrical Engineering  | 6    |          |                  |           | ADA/In Person | Baku     |
| 13 | PWEN 6010   | ME | Special Topics in Power Engineering       | 6    |          |                  |           | ADA/In Person | Baku     |
| 14 | EPEN 6502   | ME | Sustainable Energy Technologies           | 6    |          |                  |           | ADA           | Baku     |

## Master of Science in Computer Engineering and High-Performance Computing

|                | COURSE CODE |           | CA | COURSE TITLE                               | ECTS | COREQ | PREREQ | FACULTY       | LOCATION |
|----------------|-------------|-----------|----|--------------------------------------------|------|-------|--------|---------------|----------|
|                |             |           |    |                                            |      |       |        |               |          |
| FIRST YEAR     | FALL        | ENCE 6105 | MC | Introduction to High-Performance Computing | 6    |       |        | GWU/Online    | Baku     |
|                |             | ENCE 6005 | MC | Computer Architecture & Design             | 6    |       |        | GWU/Online    | Baku     |
|                |             | CSCI 6210 | MC | Machine Intelligence                       | 6    |       |        | GWU/Online    | Baku     |
|                |             | ***       | ME | Major Elective*                            | 6    |       |        | ADA/In Person | Baku     |
|                | SPRING      | ***       | ME | Major Elective                             | 6    |       |        | GWU/In Person | DC       |
|                |             | ***       | ME | Major Elective                             | 6    |       |        | GWU/In Person | DC       |
|                |             | ***       | ME | Major Elective                             | 6    |       |        | GWU/In Person | DC       |
|                | SUMMER      | EPEN 6050 | MC | Research                                   | 6    |       |        | GWU/In Person | DC       |
|                | SECOND YEAR | ***       | ME | Major Elective                             | 6    |       |        | GWU/Online    | Baku     |
|                |             | ***       | ME | Major Elective                             | 6    |       |        | GWU/Online    | Baku     |
|                |             | ***       | ME | Major Elective                             | 6    |       |        | GWU/Online    | Baku     |
|                |             | ENCE 6998 | MC | Master's Thesis I*                         | 6    |       |        | ADA/In Person | Baku     |
|                |             | ENCE 6999 | MC | Master's Thesis II*                        | 12   |       |        | ADA/In Person | Baku     |
|                | SPRING      | ***       | ME | Major Elective*                            | 6    |       |        | ADA/In Person | Baku     |
| Total Credits: |             |           |    |                                            | 90   |       |        |               |          |

\*Required for the MS in High Performance Computing degree awarded by ADA

## Major Electives: Master of Science in Computer Engineering and High-Performance Computing

| # | COURSE CODE | CA | COURSE TITLE                                                           | ECTS | ANTIREQ | SEMESTER         | FACULTY       | LOCATION |
|---|-------------|----|------------------------------------------------------------------------|------|---------|------------------|---------------|----------|
| 1 | CSCI 6130   | ME | Big Data & Cloud Computing                                             | 6    |         | 1st year, Spring | GWU/In Person | DC       |
| 2 | ENCE 6150   | ME | Design of Interconnection Networks for Parallel Computer Architectures | 6    |         | 1st year, Spring | GWU/In Person | DC       |
| 3 | ENCE 6125   | ME | Parallel Computer Architecture                                         | 6    |         | 1st year, Spring | GWU/In Person | DC       |
| 4 | ENCE 6160   | ME | Secure Computer Architecture                                           | 6    |         | 1st year, Spring | GWU/In Person | DC       |
| 5 | CSCI 6212   | ME | Design & Analysis of Algorithms                                        | 6    |         | 2nd year, Fall   | GWU/Online    | Baku     |
| 6 | ENCE 6140   | ME | Embedded Systems                                                       | 6    |         | 2nd year, Fall   | GWU/Online    | Baku     |
| 7 | EPEN 6010   | ME | Linear Systems Theory                                                  | 6    |         | 2nd year, Fall   | GWU/Online    | Baku     |
| 8 | EPEN 6200   | ME | Numerical Methods for Engineers                                        | 6    |         |                  | ADA/In Person | ADA      |
| 9 | INFT 6000   | ME | Principles of Distributed Systems                                      | 6    |         |                  | ADA/In Person | ADA      |

## School of Law

Catalog year

Component Areas (CA)

2025

|    |                 |
|----|-----------------|
| UC | University Core |
| MC | Major Core      |
| ME | Major Elective  |
| EN | Externship      |

\*Students who enrolled prior to Fall 2025 should consult their academic advisors for the correct program of study and information about changes in the course numbering system.

## Bachelor of Laws

|             |        | COURSE CODE            | CA | COURSE TITLE                                                   | ECTS | ANTIREQ | COREQ | PREREQ                 | LANGUAGE            |
|-------------|--------|------------------------|----|----------------------------------------------------------------|------|---------|-------|------------------------|---------------------|
|             |        |                        |    |                                                                |      |         |       |                        |                     |
| FIRST YEAR  | FALL   | ECON 1100              | MC | Introduction to Economics                                      | 3    |         |       |                        | English             |
|             |        | PBLW 1100              | MC | Constitutional Law                                             | 6    |         |       |                        | Azerbaijani         |
|             |        | PBLW 1101              | MC | Foundations of a Legal System                                  | 6    |         |       |                        | Azerbaijani         |
|             |        | HIST 2302              | UC | History of Azerbaijan                                          | 6    |         |       |                        | English             |
|             |        | PBLW 1102              | UC | Legal History                                                  | 6    |         |       |                        | English             |
|             |        | PCLW 1100              | UC | Legal Argumentation & Pleading                                 | 3    |         |       |                        | English/Azerbaijani |
|             |        | PDEV 0901              | UC | My ADA                                                         |      |         |       |                        | English             |
|             | SPRING | PBLW 1200              | MC | Administrative Law                                             | 6    |         |       |                        | Azerbaijani         |
|             |        | PBLW 1201              | MC | Criminal Law I                                                 | 6    |         |       |                        | Azerbaijani         |
|             |        | PBLW 1202              | MC | Fundamental Rights                                             | 6    |         |       |                        | English             |
|             |        | PRLW 1200              | MC | Foundations of Civil Law                                       | 6    |         |       |                        | Azerbaijani         |
|             |        | ACCT 1201              | UC | Financial Accounting for Lawyers                               | 3    |         |       |                        | English             |
| SECOND YEAR | FALL   | PRLW 2301              | MC | Law of Obligations I                                           | 6    |         |       |                        | Azerbaijani         |
|             |        | PCLW 2300              | MC | Civil Procedure                                                | 6    |         |       |                        | Azerbaijani         |
|             |        | PBLW 2302              | MC | Criminal Law II                                                | 6    |         |       |                        | Azerbaijani         |
|             |        | LRES 2301              | UC | Legal Research & Writing I                                     | 6    |         |       |                        | Azerbaijani         |
|             |        | FINC 2400              | UC | Principles of Finance                                          | 6    |         |       |                        | English             |
|             | SPRING | PCLW 2400              | MC | Administrative Procedure                                       | 6    |         |       |                        | Azerbaijani         |
|             |        | PCLW 2401              | MC | Criminal Procedural Law: Pre-trial                             | 6    |         |       |                        | Azerbaijani         |
|             |        | STAT 2403              | UC | Data Analysis for Lawyers                                      | 6    |         |       |                        | English             |
|             |        | LRES 2402              | UC | Legal Research & Writing II                                    | 6    |         |       | LRES 2301              | English             |
|             |        | PRLW 2400              | MC | Property Law                                                   | 6    |         |       |                        | Azerbaijani         |
|             | SUMMER | PDEV 2401              | EN | Externship I                                                   | 3    |         |       |                        |                     |
| THIRD YEAR  | FALL   | PCLW 3502              | MC | Criminal Procedural Law: Trial                                 | 6    |         |       | PCLW 2401              | Azerbaijani         |
|             |        | PBLW 3500              | MC | Environmental Law                                              | 6    |         |       |                        | Azerbaijani         |
|             |        | PRLW 3502              | MC | Law of Obligations II                                          | 6    |         |       |                        | Azerbaijani         |
|             |        | PHIL 3500              | UC | Moral & Political Philosophy                                   | 6    |         |       |                        | English             |
|             |        | ILLW 3500              | MC | Public International Law                                       | 6    |         |       |                        | English             |
|             | SPRING | PRLW 3600              | MC | Commercial Law                                                 | 6    |         |       |                        | Azerbaijani         |
|             |        | PRLW 3601              | MC | Conflict of Laws                                               | 6    |         |       |                        | English             |
|             |        | FRLW 3600              | MC | EU Law                                                         | 6    |         |       |                        | English             |
|             |        | PBLW 3600              | MC | Jurisprudence                                                  | 6    |         |       |                        | English             |
|             |        | PRLW 3602              | MC | Labor Law                                                      | 6    |         |       |                        | Azerbaijani         |
|             |        | PDEV 3602              | EN | Externship II                                                  | 3    |         |       |                        |                     |
|             | FALL   | PRLW 4700              | MC | Family & Succession Law                                        | 6    |         |       | PRLW 2400              | Azerbaijani         |
|             |        | PRLW 4701              | MC | Intellectual Property Law                                      | 6    |         |       |                        | English             |
|             |        | PBLW 4700              | MC | Tax Law                                                        | 6    |         |       |                        | Azerbaijani         |
|             |        | ***                    | ME | Major Elective                                                 | 6    |         |       |                        |                     |
|             |        | ***                    | ME | Major Elective                                                 | 6    |         |       |                        |                     |
|             | SPRING | LRES 4800<br>ILLW 4800 | MC | Advanced Legal Research <i>or</i><br>Moot Court Competitions I | 3    |         |       | LRES 2402;<br>120 ECTS | English             |
|             |        | COLW 4800              | MC | Comparative Law                                                | 3    |         |       |                        | English             |
|             |        | ***                    | ME | Major Elective                                                 | 6    |         |       |                        |                     |
|             |        | ***                    | ME | Major Elective                                                 | 6    |         |       |                        |                     |
|             |        | ***                    | ME | Major Elective                                                 | 6    |         |       |                        |                     |

## Major Electives: Bachelor of Laws

| #  | COURSE CODE | CA | COURSE TITLE                          | ECTS | ANTIREQ | COREQ | PREREQ               | LANGUAGE    |
|----|-------------|----|---------------------------------------|------|---------|-------|----------------------|-------------|
| 1  | SMGT 4701   | ME | Business Strategy for Lawyers         | 3    |         |       |                      | English     |
| 2  | PBLW 4701   | ME | Construction Law                      | 3    |         |       |                      | Azerbaijani |
| 3  | PRLW 4702   | ME | Financial Markets Law                 | 6    |         |       |                      | Azerbaijani |
| 4  | ILLW 4700   | ME | International Business Law            | 6    |         |       |                      | English     |
| 5  | PBLW 4703   | ME | Energy Law                            | 3    |         |       |                      | English     |
| 6  | PBLW 4705   | ME | Human Rights Law                      | 3    |         |       |                      | English     |
| 7  | PBLW 4704   | ME | Law, Religion & Society               | 3    |         |       |                      | English     |
| 8  | PBLW 4702   | ME | Social Protection Law                 | 6    |         |       |                      | Azerbaijani |
| 9  | PBLW 4706   | ME | National Security Law                 | 3    |         |       |                      | Azerbaijani |
| 10 | PBLW 4707   | ME | Bioethics & Medical Law               | 3    |         |       |                      | Azerbaijani |
| 11 | PRLW 4705   | ME | Artificial Intelligence, Law & Ethics | 3    |         |       |                      | English     |
| 12 | PRLW 4704   | ME | FinTech                               | 3    |         |       |                      | English     |
| 13 | PRLW 4703   | ME | Information Technology Law            | 6    |         |       |                      | English     |
| 14 | LGCL 4701   | ME | Civil Law Clinic                      | 6    |         |       | Fourth-Year Students | Azerbaijani |
| 15 | LGCL 4702   | ME | Criminal Law Clinic                   | 6    |         |       | Fourth-Year Students | Azerbaijani |
| 16 | LGCL 4703   | ME | Administrative Law Clinic             | 6    |         |       | Fourth-Year Students | Azerbaijani |
| 17 | ILLW 4801   | ME | Moot Court Competitions II            | 3    |         |       |                      | English     |
| 18 | PDEV 4800   | ME | Senior Externship                     | 3    |         |       | Fourth-Year Students | Azerbaijani |

## Master of Laws (LL.M.)

|             |        | COURSE CODE            | CA | COURSE TITLE                               | ECTS      | LANGUAGE            | PREREQ |
|-------------|--------|------------------------|----|--------------------------------------------|-----------|---------------------|--------|
|             |        |                        |    |                                            |           |                     |        |
| FIRST YEAR  | FALL   | PBLW 5101              | MC | Problems & Processes in Constitutional Law | 6         | English/Azerbaijani |        |
|             |        | PBLW 5102              | MC | Theoretical Problems in Law                | 6         | English             |        |
|             |        | LRES 5101              | MC | Legal Writing Communication                | 6         | English/Azerbaijani |        |
|             |        | LRES 5102              | MC | Legal Research Methods                     | 3         | English/Azerbaijani |        |
|             | SPRING | PBLW 5201              | MC | Competition Law                            | 6         | English/Azerbaijani |        |
|             |        | PRLW 5201              | MC | Corporate Law                              | 6         | English/Azerbaijani |        |
|             |        | PRLW 5202              | MC | Contract Law                               | 6         | English/Azerbaijani |        |
|             |        | STAT 5201              | MC | Legal Data Analytics                       | 3         | English             |        |
|             | SUMMER | PRLW 5301              | MC | Artificial Intelligence Law                | 3         | English             |        |
|             |        | PDEV 5301              | MC | Legal Ethics                               | 3         | English/Azerbaijani |        |
| SECOND YEAR | FALL   | PBLW 6302              | MC | Cybersecurity Law                          | 3         | English/Azerbaijani |        |
|             |        | PRLW 6301              | MC | Information Technology Law                 | 6         | English             |        |
|             |        | PBLW 6303              | MC | International Tax Law                      | 6         | English             |        |
|             |        | ILLW 6302              | MC | International Law in Context               | 6         | English             |        |
|             | SPRING | PRLW 6499<br>PRLW 6490 | MC | Master's Thesis <i>or</i><br>Capstone      | 24<br>12  | English/Azerbaijani |        |
|             |        | ***                    | ME | Major Elective                             | 6         | English             |        |
|             |        | ***                    | ME | Major Elective                             | 6         | English             |        |
|             |        | <i>Total Credits:</i>  |    |                                            | <i>93</i> |                     |        |

## Major Electives: Master of Laws

| # | COURSE CODE | CA | COURSE TITLE                    | ECTS | LANGUAGE | PREREQ                                                    |
|---|-------------|----|---------------------------------|------|----------|-----------------------------------------------------------|
| 1 | FRLW 6400   | ME | EU Law                          | 6    | English  | offered to students pursuing the "Capstone Project Track" |
| 2 | COLW 6400   | ME | Comparative Law                 | 6    | English  | offered to students pursuing the "Capstone Project Track" |
| 3 | ILLW 6400   | ME | International Economic Law      | 6    | English  | offered to students pursuing the "Capstone Project Track" |
| 4 | PCLW 6400   | ME | Alternative Dispute Resolutions | 6    | English  | offered to students pursuing the "Capstone Project Track" |

## School of Public and International Affairs

Catalog year

Component Areas (CA)

2025

|    |                 |
|----|-----------------|
| UC | University Core |
| SC | School Core     |
| MC | Major Core      |
| ME | Major Elective  |
| FE | Free Elective   |
| IN | Internship      |

\*Students who enrolled prior to Fall 2025 should consult their academic advisors for the correct program of study and information about changes in the course numbering system.

## Bachelor of Arts in International Studies

|             |        | COURSE CODE                                              | CA | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                               | COREQ | PREREQ    |
|-------------|--------|----------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-------|-----------|
|             |        |                                                          |    |                                                                                                                                   |      |                                       |       |           |
| FIRST YEAR  | FALL   | POLS 1200                                                | SC | State & Politics                                                                                                                  | 6    |                                       |       |           |
|             |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |       |           |
|             |        | MATH 1100                                                | UC | Pre-Calculus                                                                                                                      | 6    |                                       |       |           |
|             |        | COMM 1200                                                | UC | Public Speaking & Persuasion                                                                                                      | 6    |                                       |       |           |
|             |        | WRIT 1101                                                | UC | Writing & Information Literacy I                                                                                                  | 6    |                                       |       |           |
|             |        | PDEV 0901                                                | UC | My ADA                                                                                                                            |      |                                       |       |           |
|             | SPRING | SOCS 1200                                                | SC | Fundamentals of Sociology                                                                                                         | 6    |                                       |       |           |
|             |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |       |           |
|             |        | PDEV 2302                                                | UC | Data & Computing Skills                                                                                                           | 6    |                                       |       | PDEV 0901 |
|             |        | SOCS 1102                                                | UC | Global Perspectives                                                                                                               | 6    |                                       |       |           |
|             |        | WRIT 1202                                                | UC | Writing & Information Literacy II                                                                                                 | 6    |                                       |       | WRIT 1101 |
| SECOND YEAR | FALL   | POLS 2301                                                | MC | Azerbaijani Government                                                                                                            | 6    |                                       |       |           |
|             |        | POLS 2300                                                | MC | Political Theory                                                                                                                  | 6    |                                       |       |           |
|             |        | ECON 1101                                                | MC | Principles of Microeconomics                                                                                                      | 6    |                                       |       |           |
|             |        | MIDS 2401                                                | MC | Research Methods I                                                                                                                | 6    |                                       |       |           |
|             |        | POLS 1101                                                | MC | World Politics                                                                                                                    | 6    |                                       |       |           |
|             | SPRING | SOCI 4700                                                | MC | Media & Communication                                                                                                             | 6    |                                       |       |           |
|             |        | HIST 2403                                                | MC | Modern World History                                                                                                              | 6    |                                       |       |           |
|             |        | ECON 1202                                                | MC | Principles of Macroeconomics                                                                                                      | 6    |                                       |       |           |
|             |        | STAT 2400                                                | MC | Statistics for Social Research                                                                                                    | 6    | STAT 2301;<br>STAT 2311;<br>STAT 2412 |       | MIDS 2401 |
|             |        | POLS 2400                                                | MC | Theories of International Relations                                                                                               | 6    |                                       |       | POLS 1101 |
| THIRD YEAR  | FALL   | POLS 3501                                                | MC | Comparative Politics                                                                                                              | 6    |                                       |       | POLS 1200 |
|             |        | POLS 3600                                                | MC | International Political Economy                                                                                                   | 6    |                                       |       |           |
|             |        | MIDS 3502                                                | MC | Research Methods II                                                                                                               | 6    | STAT 2311;<br>STAT 2412               |       | STAT 2400 |
|             |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |       |           |
|             |        | PDEV 3900                                                | IN | Career Development Skills & Strategies                                                                                            | 6    |                                       |       | 120 ECTS  |
|             | SPRING | ECON 4712                                                | MC | Economic Development                                                                                                              | 6    |                                       |       |           |
|             |        | LAWP 3500                                                | MC | International Law                                                                                                                 | 6    |                                       |       |           |
|             |        | POLS 4700                                                | MC | International Security                                                                                                            | 6    |                                       |       | POLS 2400 |
|             |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |       |           |
|             |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |       |           |
|             | FALL   | POLS 3601                                                | MC | Foreign Policy Analysis                                                                                                           | 6    |                                       |       | POLS 2400 |
|             |        | ECON 4802                                                | MC | International Trade & Finance                                                                                                     | 6    | ECON 3500;<br>ECON 3603               |       | POLS 3600 |
|             |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |       |           |
|             |        | ***                                                      | ME | Major Elective                                                                                                                    | 6    |                                       |       |           |
|             |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |       |           |
|             | SPRING | POLS 4890                                                | MC | Public Consultancy Project - Capstone                                                                                             | 12   |                                       |       | 180 ECTS  |
|             |        | INTA 4800                                                | MC | Negotiation Theory & Practice                                                                                                     | 6    |                                       |       |           |
|             |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |       |           |
|             |        | ***                                                      | FE | Free Elective                                                                                                                     | 6    |                                       |       |           |
|             |        | Total Credits:                                           |    |                                                                                                                                   | 240  |                                       |       |           |

## Major Electives: Bachelor of Arts in International Studies

|    |           |    |                                   |   |  |  |  |
|----|-----------|----|-----------------------------------|---|--|--|--|
| 1  | ECON 4717 | ME | International Financial Markets   | 6 |  |  |  |
| 2  | HIST 4700 | ME | Diplomatic History                | 6 |  |  |  |
| 3  | GEOG 4700 | ME | Energy & Natural Resources Policy | 6 |  |  |  |
| 4  | INTA 4700 | ME | EU Studies                        | 6 |  |  |  |
| 5  | INTA 4701 | ME | U.S. Politics                     | 6 |  |  |  |
| 6  | INTA 4702 | ME | Peace & Conflict Resolution       | 6 |  |  |  |
| 7  | INTA 4703 | ME | Contemporary Geopolitics          | 6 |  |  |  |
| 8  | INTA 4704 | ME | Climate Change in World Politics  | 6 |  |  |  |
| 9  | INTA 4705 | ME | Nationalism in World Politics     | 6 |  |  |  |
| 10 | INTA 4706 | ME | Politics in the Turkic World      | 6 |  |  |  |
| 11 | INTA 4707 | ME | Eurasian Politics                 | 6 |  |  |  |
| 12 | SOCS 2300 | ME | Sustainable Development           | 6 |  |  |  |

## Bachelor of Arts in Public Affairs

| FIRST YEAR                                               |        | COURSE CODE                                              | CA                                                                                                                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                               | COREQ     | PREREQ    |
|----------------------------------------------------------|--------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-----------|-----------|
|                                                          | FALL   | POLS 1200                                                | SC                                                                                                                                | State & Politics                                                                                                                  | 6    |                                       |           |           |
|                                                          |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                                                                                                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |           |
|                                                          |        | MATH 1100                                                | UC                                                                                                                                | Pre-Calculus                                                                                                                      | 6    |                                       |           |           |
|                                                          |        | COMM 1200                                                | UC                                                                                                                                | Public Speaking & Persuasion                                                                                                      | 6    |                                       |           |           |
|                                                          |        | WRIT 1101                                                | UC                                                                                                                                | Writing & Information Literacy I                                                                                                  | 6    |                                       |           |           |
|                                                          |        | PDEV 0901                                                | UC                                                                                                                                | My ADA                                                                                                                            |      |                                       |           |           |
|                                                          | SPRING | SOCS 1200                                                | SC                                                                                                                                | Fundamentals of Sociology                                                                                                         | 6    |                                       |           |           |
| SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 |        | UC                                                       | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6                                                                                                                                 |      |                                       |           |           |
| PDEV 2302                                                |        | UC                                                       | Data & Computing Skills                                                                                                           | 6                                                                                                                                 |      |                                       | PDEV 0901 |           |
| SOCS 1102                                                |        | UC                                                       | Global Perspective                                                                                                                | 6                                                                                                                                 |      |                                       |           |           |
| WRIT 1202                                                |        | UC                                                       | Writing & Information Literacy II                                                                                                 | 6                                                                                                                                 |      |                                       | WRIT 1101 |           |
| SECOND YEAR                                              | FALL   | SOCI 4700                                                | MC                                                                                                                                | Media & Communication                                                                                                             | 6    |                                       |           |           |
|                                                          |        | HIST 2403                                                | MC                                                                                                                                | Modern World History                                                                                                              | 6    |                                       |           |           |
|                                                          |        | ECON 1101                                                | MC                                                                                                                                | Principles of Microeconomics                                                                                                      | 6    |                                       |           |           |
|                                                          |        | PADM 1101                                                | MC                                                                                                                                | Public Affairs & Governance                                                                                                       | 6    |                                       |           |           |
|                                                          |        | MIDS 2401                                                | MC                                                                                                                                | Research Methods I                                                                                                                | 6    |                                       |           |           |
|                                                          | SPRING | POLS 2301                                                | MC                                                                                                                                | Azerbaijani Government                                                                                                            | 6    |                                       |           |           |
|                                                          |        | LAWP 2300                                                | MC                                                                                                                                | Public Law                                                                                                                        | 6    |                                       |           |           |
|                                                          |        | ECON 1202                                                | MC                                                                                                                                | Principles of Macroeconomics                                                                                                      | 6    |                                       |           |           |
|                                                          |        | PADM 2300                                                | MC                                                                                                                                | Public Administration Theories                                                                                                    | 6    |                                       |           | PADM 1101 |
|                                                          |        | STAT 2400                                                | MC                                                                                                                                | Statistics for Social Research                                                                                                    | 6    | STAT 2301;<br>STAT 2311;<br>STAT 2412 |           | MIDS 2401 |
| THIRD YEAR                                               | FALL   | PUBA 4700                                                | MC                                                                                                                                | Ethics & Public Affairs                                                                                                           | 6    |                                       |           |           |
|                                                          |        | PUBA 2400                                                | MC                                                                                                                                | Organizational Behavior                                                                                                           | 6    | MGMT 2300                             |           |           |
|                                                          |        | MIDS 3502                                                | MC                                                                                                                                | Research Methods II                                                                                                               | 6    | STAT 2311;<br>STAT 2412               |           | STAT 2400 |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | PDEV 3900                                                | IN                                                                                                                                | Career Development Skills & Strategies                                                                                            | 6    |                                       |           | 120 ECTS  |
|                                                          |        |                                                          |                                                                                                                                   |                                                                                                                                   |      |                                       |           |           |
|                                                          | SPRING | PADM 3600                                                | MC                                                                                                                                | Crisis Management                                                                                                                 | 6    |                                       |           |           |
|                                                          |        | PUBA 3601                                                | MC                                                                                                                                | Public Finance                                                                                                                    | 6    | ECON 3601                             |           |           |
|                                                          |        | PUBA 3500                                                | MC                                                                                                                                | Public Management                                                                                                                 | 6    |                                       |           | PADM 2300 |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
|                                                          |        |                                                          |                                                                                                                                   |                                                                                                                                   |      |                                       |           |           |
| FOURTH YEAR                                              | FALL   | MGMT 4701                                                | MC                                                                                                                                | Human Resources Management                                                                                                        | 6    |                                       |           | PUBA 2400 |
|                                                          |        | PUBA 3602                                                | MC                                                                                                                                | Public Policy Analysis                                                                                                            | 6    |                                       |           |           |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
|                                                          | SPRING | PUBA 4890                                                | MC                                                                                                                                | Public Consultancy Project - Capstone                                                                                             | 12   |                                       |           | 180 ECTS  |
|                                                          |        | GEOG 4700                                                | MC                                                                                                                                | Energy & Natural Resources Policy                                                                                                 | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
| Total Credits:                                           |        |                                                          |                                                                                                                                   |                                                                                                                                   | 240  |                                       |           |           |

## Major Electives: Bachelor of Arts in Public Affairs

|    |           |    |                                   |   |  |  |  |
|----|-----------|----|-----------------------------------|---|--|--|--|
| 1  | PADM 4701 | ME | E-Governance                      | 6 |  |  |  |
| 2  | PADM 4702 | ME | Comparative Public Administration | 6 |  |  |  |
| 3  | PADM 4703 | ME | Emergency & Disaster Management   | 6 |  |  |  |
| 4  | PADM 4704 | ME | Public Health Administration      | 6 |  |  |  |
| 5  | PADM 4705 | ME | Public Service & Leadership       | 6 |  |  |  |
| 6  | PADM 4706 | ME | Strategic Management              | 6 |  |  |  |
| 7  | PADM 4707 | ME | Behavioral Public Administration  | 6 |  |  |  |
| 8  | PUBA 4702 | ME | Local Government                  | 6 |  |  |  |
| 9  | PUBA 4703 | ME | Urban Development                 | 6 |  |  |  |
| 10 | PUBA 4704 | ME | Non-Profit Management             | 6 |  |  |  |
| 11 | PUBA 4706 | ME | Project Management                | 6 |  |  |  |
| 12 | SOCS 2300 | ME | Sustainable Development           | 6 |  |  |  |

## Bachelor of Arts in Communication & Digital Media

| FIRST YEAR                                               | FALL   | COURSE CODE                                              | CA                                                                                                                                | COURSE TITLE                                                                                                                      | ECTS | ANTIREQ                               | COREQ     | PREREQ    |
|----------------------------------------------------------|--------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-----------|-----------|
|                                                          |        | POLS 1200                                                | SC                                                                                                                                | State & Politics                                                                                                                  | 6    |                                       |           |           |
|                                                          |        | SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 | UC                                                                                                                                | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6    |                                       |           |           |
|                                                          |        | MATH 1100                                                | UC                                                                                                                                | Pre-Calculus                                                                                                                      | 6    |                                       |           |           |
|                                                          |        | COMM 1200                                                | UC                                                                                                                                | Public Speaking & Persuasion                                                                                                      | 6    |                                       |           |           |
|                                                          |        | WRIT 1101                                                | UC                                                                                                                                | Writing & Information Literacy I                                                                                                  | 6    |                                       |           |           |
|                                                          |        | PDEV 0901                                                | UC                                                                                                                                | My ADA                                                                                                                            |      |                                       |           |           |
|                                                          | SPRING | SOCS 1200                                                | SC                                                                                                                                | Fundamentals of Sociology                                                                                                         | 6    |                                       |           |           |
| SOCS<br>HIST 2302<br>LITR 2302<br>CULT 1100<br>MUSC 1100 |        | UC                                                       | Azerbaijani Studies<br>History of Azerbaijan<br>Literature of Azerbaijan<br>Azerbaijani Culture<br>Azerbaijani Music Appreciation | 6                                                                                                                                 |      |                                       |           |           |
| PDEV 2302                                                |        | UC                                                       | Data & Computing Skills                                                                                                           | 6                                                                                                                                 |      |                                       | PDEV 0901 |           |
| SOCS 1102                                                |        | UC                                                       | Global Perspectives                                                                                                               | 6                                                                                                                                 |      |                                       |           |           |
| WRIT 1202                                                |        | UC                                                       | Writing & Information Literacy II                                                                                                 | 6                                                                                                                                 |      |                                       | WRIT 1101 |           |
|                                                          |        |                                                          |                                                                                                                                   |                                                                                                                                   |      |                                       |           |           |
|                                                          |        |                                                          |                                                                                                                                   |                                                                                                                                   |      |                                       |           |           |
| SECOND YEAR                                              | FALL   | MIDS 2401                                                | MC                                                                                                                                | Research Methods I                                                                                                                | 6    |                                       |           |           |
|                                                          |        | ECON 1101                                                | MC                                                                                                                                | Principles of Microeconomics                                                                                                      | 6    |                                       |           |           |
|                                                          |        | MCOM 2300                                                | MC                                                                                                                                | Mass Communication                                                                                                                | 6    |                                       |           |           |
|                                                          |        | MCOM 2301                                                | MC                                                                                                                                | Business Communication I                                                                                                          | 6    |                                       |           |           |
|                                                          |        | HIST 2403                                                | MC                                                                                                                                | Modern World History                                                                                                              | 6    |                                       |           |           |
|                                                          | SPRING | POLS 2301                                                | MC                                                                                                                                | Azerbaijani Government                                                                                                            | 6    |                                       |           |           |
|                                                          |        | MCOM 2400                                                | MC                                                                                                                                | Media Theories                                                                                                                    | 6    |                                       |           | MCOM 2300 |
|                                                          |        | MCOM 2402                                                | MC                                                                                                                                | Business Communication II                                                                                                         | 6    |                                       |           | MCOM 2301 |
|                                                          |        | ECON 1202                                                | MC                                                                                                                                | Principles of Macroeconomics                                                                                                      | 6    |                                       |           |           |
|                                                          |        | STAT 2400                                                | MC                                                                                                                                | Statistics for Social Research                                                                                                    | 6    | STAT 2301;<br>STAT 2311;<br>STAT 2412 |           | MIDS 2401 |
| THIRD YEAR                                               | FALL   | MCOM 3503                                                | MC                                                                                                                                | Digital Media & Storytelling I                                                                                                    | 6    |                                       |           | MCOM 2400 |
|                                                          |        | PADM 3500                                                | MC                                                                                                                                | Public Relations                                                                                                                  | 6    |                                       |           |           |
|                                                          |        | MIDS 3502                                                | MC                                                                                                                                | Research Methods II                                                                                                               | 6    | STAT 2311;<br>STAT 2412               |           | STAT 2400 |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | PDEV 3900                                                | IN                                                                                                                                | Career Development Skills & Strategies                                                                                            | 6    |                                       |           | 120 ECTS  |
|                                                          | SPRING | MCOM 3602                                                | MC                                                                                                                                | Media Law                                                                                                                         | 6    |                                       |           |           |
|                                                          |        | MCOM 3603                                                | MC                                                                                                                                | Digital Media & Storytelling II                                                                                                   | 6    |                                       |           |           |
|                                                          |        | MCOM 3604                                                | MC                                                                                                                                | Communication & Sustainability                                                                                                    | 6    |                                       |           |           |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
| FOURTH YEAR                                              | FALL   | MCOM 4705                                                | MC                                                                                                                                | Organizational Communication                                                                                                      | 6    | BUSA 3601                             |           |           |
|                                                          |        | MCOM 4702                                                | MC                                                                                                                                | Data Journalism                                                                                                                   | 6    |                                       |           |           |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | ***                                                      | ME                                                                                                                                | Major Elective                                                                                                                    | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
|                                                          | SPRING | MCOM 4890                                                | MC                                                                                                                                | Public Consultancy Project - Capstone                                                                                             | 12   |                                       |           | 180 ECTS  |
|                                                          |        | MCOM 4801                                                | MC                                                                                                                                | Virtual People & Digital Culture                                                                                                  | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
|                                                          |        | ***                                                      | FE                                                                                                                                | Free Elective                                                                                                                     | 6    |                                       |           |           |
| Total Credits:                                           |        |                                                          |                                                                                                                                   |                                                                                                                                   | 240  |                                       |           |           |

## Major Electives: Bachelor of Arts in Communication & Digital Media

|    |           |    |                                        |   |              |  |  |
|----|-----------|----|----------------------------------------|---|--------------|--|--|
| 1  | MCOM 3504 | ME | Copy Writing                           | 6 |              |  |  |
| 2  | MCOM 3505 | ME | Creative Writing                       | 6 |              |  |  |
| 3  | MCOM 3506 | ME | Media & Representation                 | 6 |              |  |  |
| 4  | MCOM 3507 | ME | Media Management                       | 6 |              |  |  |
| 5  | MCOM 3508 | ME | News for Governance                    | 6 |              |  |  |
| 6  | MCOM 3509 | ME | Perspectives on Azerbaijani Journalism | 6 |              |  |  |
| 7  | MCOM 3510 | ME | Persuasive Communication               | 6 |              |  |  |
| 8  | MCOM 3511 | ME | Reporting & News Writing               | 6 |              |  |  |
| 9  | MCOM 3512 | ME | Writing in Azerbaijani                 | 6 |              |  |  |
| 10 | MCOM 3502 | ME | Intercultural Communications           | 6 |              |  |  |
| 11 | MCOM 4706 | ME | Political Communication                | 6 |              |  |  |
| 12 | MRKT 4704 | ME | Digital Marketing                      | 6 | MRKT<br>4701 |  |  |

## Master of Arts in Diplomacy and International Affairs

|             |                       | COURSE CODE            | CA | COURSE TITLE                                                               | ECTS       | ANTIREQ | COREQ | PREREQ    |
|-------------|-----------------------|------------------------|----|----------------------------------------------------------------------------|------------|---------|-------|-----------|
|             |                       |                        |    |                                                                            |            |         |       |           |
| FIRST YEAR  | FALL                  | WRIT 5100              | MC | Academic Writing                                                           | 6          |         |       |           |
|             |                       | POLS 6301              | MC | Comparative Politics                                                       | 6          |         |       |           |
|             |                       | ECON 5102              | MC | Managerial Economics                                                       | 6          |         |       |           |
|             |                       | MIDS 5101              | MC | Research Methods                                                           | 6          |         |       |           |
|             |                       | POLS 5101              | MC | Theories of International Relations                                        | 6          |         |       |           |
|             | SPRING                | INTA 6300              | MC | Foreign Policy Decision-Making                                             | 6          |         |       |           |
|             |                       | LAWP 5202              | MC | International Law                                                          | 6          |         |       |           |
|             |                       | INTA 6303              | MC | International Political Economy                                            | 6          |         |       |           |
|             |                       | MIDS 5202              | MC | Statistics for Decision Making                                             | 6          |         |       | MIDS 5101 |
|             |                       | ***                    | ME | Major Elective                                                             | 6          |         |       |           |
| SECOND YEAR | FALL                  | INTA 6305              | MC | International Security                                                     | 6          |         |       |           |
|             |                       | POLS 6350              | MC | Research Seminar                                                           | 6          |         |       |           |
|             |                       | COMM 6300              | MC | Art of Diplomacy                                                           | 6          |         |       |           |
|             |                       | ***                    | ME | Major Elective                                                             | 6          |         |       |           |
|             |                       | ***                    | ME | Major Elective                                                             | 6          |         |       |           |
|             | SPRING                | POLS 6490<br>POLS 6499 | MC | International Relations & Strategy - Capstone <i>or</i><br>Master's Thesis | 18<br>24   |         |       |           |
|             |                       | ***                    | ME | Major Elective                                                             | 6          |         |       |           |
|             |                       | ***                    | ME | Major Elective                                                             | 6          |         |       |           |
|             | <b>Total Credits:</b> |                        |    |                                                                            | <b>120</b> |         |       |           |

**Note:** In the final semester, students on the Thesis track may take only one elective course (instead of two) alongside their Thesis.

## Major Electives: Master of Arts in Diplomacy and International Affairs

|    |           |    |                                           |   |  |  |  |
|----|-----------|----|-------------------------------------------|---|--|--|--|
| 1  | INTA 5201 | ME | Sustainable Development                   | 6 |  |  |  |
| 2  | INTA 5202 | ME | International Migration                   | 6 |  |  |  |
| 3  | INTA 5203 | ME | Azerbaijani Foreign Policy                | 6 |  |  |  |
| 4  | INTA 5204 | ME | China & Asian Politics                    | 6 |  |  |  |
| 5  | INTA 5205 | ME | U.S. Foreign Policy                       | 6 |  |  |  |
| 6  | INTA 6311 | ME | EU Studies                                | 6 |  |  |  |
| 7  | INTA 6312 | ME | Russian Politics                          | 6 |  |  |  |
| 8  | INTA 6313 | ME | Peace & Conflict Resolution               | 6 |  |  |  |
| 9  | INTA 6314 | ME | International Political Economy of Energy | 6 |  |  |  |
| 10 | INTA 6315 | ME | Middle East Politics                      | 6 |  |  |  |
| 11 | INTA 6319 | ME | Thucydides & Geopolitics                  | 6 |  |  |  |
| 12 | INTA 6321 | ME | International Financial Markets           | 6 |  |  |  |

## Master of Public Administration in English

| FIRST YEAR  | FALL   | COURSE CODE            | CA | COURSE TITLE                                           | ECTS      | ANTIREQ | COREQ | PREREQ    |
|-------------|--------|------------------------|----|--------------------------------------------------------|-----------|---------|-------|-----------|
|             |        | ECON 5102              | MC | Managerial Economics                                   | 6         |         |       |           |
|             |        | PADM 5101              | MC | Public Administration & Management                     | 6         |         |       |           |
|             |        | MIDS 5101              | MC | Research Methods                                       | 6         |         |       |           |
|             | SPRING | PADM 5203              | MC | Organizational Behavior                                | 6         |         |       |           |
|             |        | LAWP 6304              | MC | Public Law                                             | 6         |         |       |           |
|             |        | MIDS 5202              | MC | Statistics for Decision Making                         | 6         |         |       | MIDS 5101 |
| SECOND YEAR | FALL   | PADM 6350              | MC | Research Seminar                                       | 6         |         |       |           |
|             |        | PUBA 6300              | MC | Policy Analysis & Evaluation                           | 6         |         |       |           |
|             |        | PADM 6309              | MC | E-Governance                                           | 6         |         |       |           |
|             |        | FINC 6300              | MC | Public Budgeting & Finance                             | 6         |         |       |           |
|             | SPRING | PUBA 6490<br>PUBA 6499 | MC | Public Policy & Strategy - Capstone or Master's Thesis | 18<br>24  |         |       |           |
|             |        | ***                    | ME | Major Elective                                         | 6         |         |       |           |
|             |        | ***                    | ME | Major Elective                                         | 6         |         |       |           |
|             |        | <i>Total Credits:</i>  |    |                                                        | <i>90</i> |         |       |           |

Note: In the final semester, students on the Thesis track may take only one elective course (instead of two) alongside their Thesis.

## Major Electives: Master of Public Administration in English

|   |           |    |                                  |   |  |  |  |
|---|-----------|----|----------------------------------|---|--|--|--|
| 1 | MGMT 6300 | ME | Project Management               | 6 |  |  |  |
| 2 | PADM 6304 | ME | Non-Profit Management            | 6 |  |  |  |
| 3 | PADM 6307 | ME | Government Regulation            | 6 |  |  |  |
| 4 | PADM 6308 | ME | Local Government                 | 6 |  |  |  |
| 5 | PADM 6310 | ME | Strategic Management             | 6 |  |  |  |
| 6 | PADM 6400 | ME | Economic Policy & Administration | 6 |  |  |  |

## Master of Public Administration in Azerbaijani

| FIRST YEAR | FALL   | COURSE CODE            | CA | COURSE TITLE                         | ECTS | ANTIREQ | COREQ | PREREQ    |
|------------|--------|------------------------|----|--------------------------------------|------|---------|-------|-----------|
|            |        | EAPP 5102<br>EAPP 5202 | EN | English I <i>or</i><br>English II    | 12   |         |       |           |
|            |        | PADM 5100              | MC | Public Administration & Management   | 6    |         |       |           |
|            |        | ECON 5100              | MC | Managerial Economics                 | 6    |         |       |           |
|            |        | SOCS 5102              | MC | Research Methods                     | 6    |         |       |           |
|            |        | STAT 5101              | MC | Essentials of Statistics             | 6    |         |       | SOCS 5102 |
|            | SPRING | FINC 5202              | MC | Public Budgeting & Finance           | 6    |         |       |           |
|            |        | PPOL 5202              | MC | Policy Analysis & Program Evaluation | 6    |         |       |           |
|            |        | LAWP 5200              | MC | Public Law                           | 6    |         |       |           |
|            |        | PADM 5201              | MC | Local Government                     | 6    |         |       |           |
|            |        | PADM 5200              | MC | Human Resource Management            | 6    |         |       |           |

|                |        |                        |    |                                                                  |          |  |  |  |
|----------------|--------|------------------------|----|------------------------------------------------------------------|----------|--|--|--|
| SECOND<br>YEAR | SUMMER | COMM 5300              | EN | Communication for Public Servants                                | 6        |  |  |  |
|                | FALL   | PADM 6490<br>PADM 6499 | MC | Public Policy & Strategy - Capstone <i>or</i><br>Master's Thesis | 18<br>24 |  |  |  |
| Total Credits: |        |                        |    |                                                                  | 90 or 96 |  |  |  |

## Anti-requisite courses

| COURSE CODE | COURSE TITLE                     | ANTI-REQ<br>COURSE CODE | ANTI-REQ COURSE TITLE           |
|-------------|----------------------------------|-------------------------|---------------------------------|
| MIDS 3600   | Management Information Systems   | MIDS 3601               | Management Information Systems  |
| MIDS 3601   | Management Information Systems   | MIDS 3600               | Management Information Systems  |
| STAT 1101   | Introduction to Statistics       | STAT 2301               | Business Statistics             |
| MATH 2406   | Probability and Statistics       | STAT 2301               | Business Statistics             |
| STAT 2301   | Business Statistics              | MATH 2406               | Probability and Statistics      |
| STAT 2301   | Business Statistics              | STAT 2311               | Mathematical Statistics I       |
| STAT 2301   | Business Statistics              | STAT 2412               | Mathematical Statistics II      |
| MGMT 2300   | Organizational Behaviour         | PUBA 2400               | Organizational Behaviour        |
| PUBA 2400   | Organizational Behaviour         | MGMT 2300               | Organizational Behaviour        |
| STAT 2402   | Business Statistics: application | ECON 3501               | Econometrics I                  |
| MATH 1001   | Calculus I                       | MATH 1111               | Calculus I                      |
| MATH 1111   | Calculus I                       | MATH 1001               | Calculus I                      |
| MATH 1202   | Calculus II                      | MATH 1222               | Calculus II                     |
| MATH 1222   | Calculus II                      | MATH 1202               | Calculus II                     |
| STAT 2311   | Mathematical Statistics I        | MATH 2406               | Probability and Statistics II   |
| MATH 2406   | Probability and Statistics       | STAT 2311               | Mathematical Statistics I       |
| MATH 2406   | Probability and Statistics       | STAT 2412               | Mathematical Statistics II      |
| MATH 1101   | Discrete Statistics              | MATH 1102               | Fundamentals of Mathematics     |
| MATH 1102   | Fundamentals of Mathematics      | MATH 1101               | Discrete Statistics             |
| STAT 2412   | Mathematical Statistics II       | MATH 2406               | Probability and Statistics      |
| STAT 1101   | Introduction to Statistics       | STAT 2311               | Mathematical Statistics I       |
| STAT 1101   | Introduction to Statistics       | STAT 2412               | Mathematical Statistics II      |
| MIDS 3502   | Research Methods II              | STAT 2311               | Mathematical Statistics I       |
| MIDS 3502   | Research Methods II              | STAT 2412               | Mathematical Statistics II      |
| MATH 3501   | Linear Algebra                   | MATH 2400               | Linear Algebra                  |
| MATH 2400   | Linear Algebra                   | MATH 3501               | Linear Algebra                  |
| ECON 3500   | International Trade              | ECON 4802               | International Trade and Finance |
| ECON 4802   | International Trade and Finance  | ECON 3500               | International Trade             |
| ECON 3603   | International Finance            | ECON 4802               | International Trade and Finance |
| ECON 4802   | International Trade and Finance  | ECON 3603               | International Finance           |
| ECON 3601   | Public Finance                   | PUBA 3601               | Public Finance & Budgets        |
| PUBA 3601   | Public Finance & Budgets         | ECON 3601               | Public Finance                  |
| BUSA 3601   | Corporate Communications         | MCOM 2301               | Business Communication I        |
| MCOM 1101   | Introduction to Media Studies    | SOCI 4700               | Media & Communication           |
| MCOM 2301   | Business Communication I         | BUSA 3601               | Corporate Communications        |
| MRKT 4701   | Digital Marketing                | MRKT 4704               | Digital Marketing               |
| MRKT 4704   | Digital Marketing                | MRKT 4701               | Digital Marketing               |
| SMGT 5100   | Business Strategy                | SMGT 6200               | Business Strategy               |
| SMGT 6200   | Business Strategy                | SMGT 5100               | Business Strategy               |

## Second Career Track

Second career tracks are available for all ADA University undergraduate students without any program limitation. Students must complete all courses indicated in the options and meet the minimum grade requirements in order to be eligible for receiving second career track.

The following options are available.

### School of Business

#### Second Career Track in Business Administration

Minimum of **36 ECTS** required from the following courses for **BSE** and **non – SB** students:

1. BUSA 1100 Fundamentals of Business
2. MGMT 2300 Organizational Behavior
3. MRKT 2400 Principles of Marketing
4. BUSA 3600 Entrepreneurship
5. At least 12 ECTS from any 3000-level and/or 4000-level course listed in the BBA curriculum. These may include either major core or/and technical elective courses.

Minimum of **30 ECTS** required from the following courses for **BSF** students:

1. BUSA 1100 Fundamentals of Business
2. MGMT 2300 Organizational Behavior
3. MRKT 2400 Principles of Marketing
4. BUSA 3600 Entrepreneurship
5. At least 6 ECTS from any 3000-level and/or 4000-level course listed in the BBA curriculum. These may include either major core or/and technical elective courses.

#### Second Career Track in Economics

Minimum of **36 ECTS** required from the following courses for **BBA** and **non – SB** students:

1. ECON 2301 Intermediate Microeconomics
2. ECON 2402 Intermediate Macroeconomics
3. ECON 3501 Econometrics I
4. ECON 3602 Econometrics II
5. At least 12 ECTS from any 3000-level and/or 4000-level course listed in the BSE curriculum. These may include either major core or Major Electives.

Minimum of **30 ECTS** required from the following courses for **BSF** students:

1. ECON 2402 Intermediate Macroeconomics
2. ECON 3500 International Trade
3. ECON 3600 Game Theory
4. At least 12 ECTS from any 3000-level and/or 4000-level course listed in the BSE curriculum. These may include either major core or Major Electives.

## **Second Career Track in Finance**

Minimum of **30 ECTS** required from the following courses for **BBA** students:

1. FINC 3500 Financial Statement Analysis
2. FINC 3601 Financial Modeling
3. FINC 4704 Banking
4. At least 12 ECTS from any 3000-level and/or 4000-level course listed in the BSF curriculum. These may include either major core or Major Electives.

Minimum of **30 ECTS** required from the following courses for **BSE** students:

1. FINC 2400 Principles of Finance
2. FINC 3600 Financial Investments
3. FINC 4700 Corporate Finance
4. At least 12 ECTS from any 3000-level and/or 4000-level course listed in the BSF curriculum. These may include either major core or Major Electives.

Minimum of **36 ECTS** required from the following courses for **non-SB** students:

1. FINC 2400 Principles of Finance
2. FINC 3600 Financial Investments
3. FINC 4700 Corporate Finance
4. At least 18 ECTS from any 3000-level and/or 4000-level course listed in the BSF curriculum. These may include either major core or Major Electives.

## **School of Public and International Affairs**

### **Second Career Track in International Studies**

Minimum of 36 ECTS required from the following courses:

1. POLS 1100 Introduction to International Relations

2. LAWP 3500 Public International Law
3. POLS 2400 Theories of International Relations
4. POLS 3600 International Political Economy
5. POLS 3601 Foreign Policy Analysis
6. At least 6 ECTS from any 3000-level and/or 4000-level course listed in the BAIS curriculum. These may include either major core or/and technical elective courses.

### **Second Career Track in Public Affairs**

Minimum of 36 ECTS required from the following courses:

1. PUBA 1100 Introduction to Public Affairs
2. LAWP 2300 Law and Public Affairs
3. PUBA 2400 Organizational Behavior
4. PUBA 3601 Public Finance and Budgets
5. PUBA 3602 Policy Analysis and Program Evaluation
6. At least 6 ECTS from any 3000-level and/or 4000-level course listed in the BAIS curriculum. These may include either major core or/and technical elective courses.

### **Second Career Track in Law**

36 ECTS required from the following courses:

1. PBLW 1101 Foundations of a Legal System
2. PBLW 1100 Constitutional Law
3. PRLW 1200 Foundations of Civil Law
4. PBLW 1200 Administrative Law
5. PBLW 1201 Criminal Law
6. PCLW 2300 Civil Procedure

### **School of IT and Engineering**

#### **Second Career Track in Computer Science**

Minimum of **36 ECTS** required from the following courses for **non-SITE students**:

1. CSCI 1101 Programming Principles I
2. CSCI 2406 Computer Organization and Architecture
3. CSCI 3613 Artificial Intelligence
4. CSCI 2304 Data Structures & Algorithms
5. CSCI 2407 Theory of Computation
6. 6 ECTS must come from any SITE/CSCI course listed in the third or fourth year of the BSCS curriculum. These may include both major core and technical elective courses.

Minimum of **24 ECTS** required from the following courses for **CE** and **IT** students:

1. CSCI 2407 Theory of Computation
2. CSCI 3612 Object Oriented Analysis and Design
3. CSCI 3613 Artificial Intelligence
4. 6 ECTS must come from any technical elective course listed in the fourth year of the BSCS curriculum.

### **Second Career Track in Computer Engineering**

Minimum of **36 ECTS** required from the following courses for **non-SITE students**:

1. CSCI 1101 Programming Principles I
2. MATH 1101 Discrete Structures
3. ENCE 2301 Digital Logic Design
4. CSCI 2406 Computer Organization & Architecture
5. ENCE 3608 Introduction to Embedded Systems
6. 6 ECTS must come from any SITE/ENCE course listed in the third or fourth year of the BSCS curriculum. These may include both major core and technical elective courses.

Minimum of **24 ECTS** required from the following courses for **IT** students:

1. ENCE 2301 Digital Logic Design (needs to be taken as prerequisite for the next course)
2. CSCI 2406 Computer Organization & Architecture
3. ENCE 3608 Introduction to Embedded Systems
4. MATH 2305 Ordinary Differential Equations
5. ENCE 4710 Signal Processing
6. ENCE 4833 Mobile Robotics
7. ENCE 4731 Microprocessor Systems

Minimum of **24 ECTS** required from the following courses for **CS** students:

1. MATH 2305 Ordinary Differential Equations
2. ENCE 3608 Introduction to Embedded Systems
3. ENCE 4710 Signal Processing
4. ENCE 4833 Mobile Robotics
5. ENCE 4731 Microprocessor Systems

### **Second Career Track in Information Technology**

Minimum of **36 ECTS** required from the following courses for **non-SITE students**:

1. CSCI 1101 Programming Principles I
2. CSCI 2304 Data Structures and Algorithms (Prerequisite of which will be Programming Principles I with grade condition of B-)

3. CSCI 2303 Introduction to Computer Networks
4. INFT 2404 IT Systems: Hardware & Software
5. CSCI 3615 Database Systems
6. 6 ECTS must come from any SITE/INFT course listed in the third or fourth year of the BSCS curriculum. These may include both major core and technical elective courses.

Minimum of **24 ECTS** required from the following courses for **CS** students:

1. INFT 2404 IT Systems: Hardware & Software
2. INFT 3610 Business Process Modeling for IT Solutions
3. INFT 4732 Advanced Computer Networks
4. INFT 4834 Advanced Database Systems
5. INFT 3609 IT Project Management

Minimum of **24 ECTS** required from the following courses for **CE** students:

1. INFT 2404 IT Systems: Hardware & Software
2. INFT 4732 Advanced Computer Networks
3. CSCI3615 Database Systems
4. INFT 4834 Advanced Database Systems
5. INFT 2303 Systems Analysis & Design (needs to be taken as prerequisite for the next two courses)
6. INFT 3609 IT Project Management
7. INFT 3610 Business Process Modeling for IT Solutions

## Second Career Track in Mathematics

Requirements are the same for all students from **all SITE** and **non-SITE** majors, except **SPIA**. The second career track in BSMATH will not be applicable for SPIA students.

A. **24 ECTS** from the following courses – meaning these are mandatory courses:

1. MATH 1201 Abstract Algebra
2. MATH 2300 Introduction to Number Theory
3. MATH 2444 Real Analysis
4. MATH 3600 Complex Analysis

B. **12 ECTS** from the following courses below:

1. MATH 2402 Introduction to Topology
2. MATH 3601 Functional Analysis
3. MATH 4703 Introduction to Algebraic Topology
4. DNSC 3501 Operations Research I
5. DNSC 3602 Operations Research II

- |              |                        |
|--------------|------------------------|
| 6. MATH 2401 | Combinatorial Analysis |
| 7. MATH 2306 | Group Theory           |

## **School of Education**

### **Second Career Track in Teaching and Learning**

36 ECTS required from the following courses:

- |              |                                               |
|--------------|-----------------------------------------------|
| 1. CIAS 5152 | Curriculum & Assessment                       |
| 2. MIDS 5206 | Inquiry II: Course Planning & Evaluation      |
| 3. CIAS 5151 | Fundamentals of Effective Teaching & Learning |
| 4. CIAS 5251 | Developing Effective Teaching Methods         |
| 5. PDEV 5150 | Pre-Practicum in Teaching                     |
| 6. PDEV 6300 | Micro-Teaching                                |

## **Final Exam/Assignment Retake Policy**

Final exam/assignment retake policy serves to support the students' timely graduation. This policy allows retake of the final exam/assignment for students who meet all criteria listed below:

- Student must be eligible to graduate after the grade is resolved for the relevant course.
- Final exam/assignment retake can be applied only to one course during a degree program.
- Final exam/assignment retake can be applied only to a course where final course grade is below C.
- Final exam/assignment retake is possible only if the relevant course or its substitute is not offered in the following semester or term.
- This policy is not applied to final projects like Capstone/Thesis or its equivalent.

Student can apply for final exam retake only after all grades have been posted for the courses that he/she took in relevant semester. Student must submit Final Exam/Assignment Retake Form to the academic advisor. Dean's approval is required for exam retakes.

Retake exam must be arranged and graded by the course instructor within seven working days after the approved Final Exam Retake Form is submitted to the advisor. Retake exam grade replaces overall course grade and cannot be more than C. Highest grade will be included into GPA.

## Glossary

**Academic unit:** A free-standing school or the University Library; the academic units are the School of Public and International Affairs, School of Business, School of Information Technologies and Engineering, School of Education, School of Law and the University Library.

**Active Status:** A student is considered to have active status with the University when one of the following criteria has been met; is enrolled in courses, is enrolled in an exchange program, has arranged a Temporary Leave for a semester or is taking classes through another institution while on a Permit to Study. Students no longer have active status with the University when they withdraw, are academically dismissed or fail to enroll in a subsequent semester without arranging a Temporary Leave or Permit to Study. Students who fail to enroll in a subsequent semester and do not arrange a Temporary Leave or Permit to Study will be Administratively Separated from the institution.

**Excused Absences:** Students may receive an excused absence from class or exam attendance for reasons that include, but are not limited to, major religious holidays, a medical reason, participation in ADA University off – campus activities that are required and related to another class, or a family emergency. Instructors may require documentation for excused absences.

**Documented Disabilities:** Students who provide documentation of a disability may request reasonable accommodations in the Office of Disability and Inclusive Education (ODIE). Examples of disabilities for which accommodations may be provided include learning disabilities, Autism Spectrum Disorders, Attention Deficit Hyperactivity Disorder, Deaf and hearing impaired, blind, and visually impaired, as well as medical, psychological, and physical disabilities. Students may enter the University with or without identifying their disability in the admissions process. All students who believe they may qualify for disability accommodations are encouraged to visit the ODIE to make an appointment with a counselor.

**Teaching Unit:** A program, institute, or center within an academic unit.