

WESTERN CASPIAN UNIVERSITY

FACULTY OF HIGH TECHNOLOGIES
060632 Information Systems in Management

STUDY PLAN

Education Level –Master
Period- 2 Years
Instructional Languages – Azerbaijani,
Russian

| I semester | | |
|---|---|-----------|
| Code | Compulsory Subjects | ECTS |
| MHF-B01 | Foreign Language | 6 |
| MHF-B03 | Psychology | 2 |
| MIF-B02 | History and Methodology of Information Technologies | 2 |
| MIF-B04.03 | Electronic Document Management | 6 |
| MIF-B04.06 | Computer Modeling of Systems and Processes | 4 |
| <i>Elective 1: Choose one of the following</i> | | |
| MHF-B04 | 1. Academic Ethics 2. Organizational Behavior 3. Creativity and Leadership | 2 |
| <i>Elective 2: Choose one of the following</i> | | |
| MIF-B05.01 | 1. E-Government and its Software 2. Protection of Computer Networks 3. Modern Network Technologies | 8 |
| Per Semester: | | 30 |
| II semester | | |
| Code | Compulsory Subjects | ECTS |
| MIF-B01 | Problems for Information Technologies | 4 |
| MIF-B03 | Parallel Algorithms and Multiprocessor Computing Systems | 4 |
| MIF-B04.01 | Programming Technologies | 8 |
| MIF-B04.04 | Analysis and Design of Digital Systems | 6 |
| <i>Elective 3: Choose one of the following</i> | | |
| MIF-B05.02 | 1. Automation Methods of the Social Sphere 2. Application Software Packages 3. Methods of Forecasting | 8 |
| Per Semester: | | 30 |
| III semester | | |
| Code | Compulsory Subjects | ECTS |
| MHF-B02 | Higher Education Pedagogy | 4 |
| MIF-B04.02 | Expert Systems and Artificial Intelligence | 4 |
| MIF-B04.05 | Software Packages Used in Scientific Research and Automation of Computational Experiments | 6 |
| MIF-B04.07 | Fundamentals of Decision Theory | 4 |
| MIF-B04.08 | Modern Problems of Data Analysis | 4 |
| <i>Elective 4: Choose one of the following</i> | | |
| MIF-B05.03 | 1. Economic and Financial Mathematics 2. Cryptographic Methods in Computer Technology 3. Mathematical and Computer Modeling | 8 |
| Per Semester: | | 30 |
| IV semester | | |

| Code | Compulsory Subjects | ECTS |
|---|------------------------|------------|
| | Pedagogical Internship | 6 |
| | Research Internship | 6 |
| | Thesis Defence | 18 |
| | Per Semester: | 30 |
| | Total | 120 |
| FALL SEMESTER: | | |
| Lessons Start: 15 September | | |
| Exam Period: 29 December - 1 February | | |
| Holidays: 2 February - 15 February | | |
| SPRING SEMESTER: | | |
| Lessons Starts: 16 February | | |
| Exam Period: 1 June - 5 July | | |
| Vocation Period: 6-10 Weeks | | |
| SUMMER SEMESTER: | | |
| Lessons Start: 16 July - 20 August | | |
| Exam Period: 21-27 August | | |
| Research Internship: 16 February - 14 March | | |
| Pedagogical Internship : 14 March - 11 April | | |
| Completion and Defense of the Thesis: 11 April - 4 July | | |