FACULTY OF URBAN ECONOMY AND ECOLOGY

BACHELOR’S DEGREE

PART-TIMESTUDIES

1st year

## Group ՀՔ 90 / 5 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Armenian political history | 1 |  | √ |  |  |
| 2 | Armenian language and speech culture (business writing) | 2 |  | √ |  |  |
| 3 | Russian language | 2 |  | √ |  |  |
| 4 | Constructional drawing | 4 |  | √ |  |  |
| 5 | Higher mathematics | 5 |  |  | √ |  |
| 6 | Physics | 4 |  | √ |  | Replaced by  quiz |
| 7 | Basics of informational technologies | 4 |  |  | √ |  |
| 8 | Materials science | 4 |  | √ |  | Replaced by  quiz |

## Group ՀՔ 93 / 11 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Armenian political history | 1 |  | √ |  |  |
| 2 | Armenian language and speech culture | 2 |  | √ |  |  |
| 3 | Russian language | 2 |  | √ |  |  |
| 4 | Technical drawing | 4 |  | √ |  |  |
| 5 | Higher mathematics | 5 |  |  | √ |  |
| 6 | Physics | 4 |  |  | √ |  |
| 7 | Chemistry | 4 |  | √ |  | Replaced by  quiz |
| 8 | Materials science and technology of construction materials | 3 |  | √ |  | Replaced by  quiz |

## Group ՀՔ 95 / 11 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Armenian language and speech culture | 2 |  | √ |  |  |
| 2 | History of Armenia | 2 |  | √ |  |  |
| 3 | Internet technologies | 4 |  | √ |  |  |
| 4 | Environment and tourism | 2 |  | √ |  |  |
| 5 | Russian language | 2 |  |  | √ |  |
| 6 | Foreign language | 5 |  | √ |  | Replaced by  quiz |
| 7 | World literature | 2 |  | √ |  | Replaced by  quiz |
| 8 | General geography | 2 |  |  | √ |  |
| 9 | Ethnography | 2 |  |  | √ |  |

# 2nd year

## Group ՀՔ 82 / 9 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Foreign language | 2 |  | √ |  |  |
| 2 | Theoretical mechanics | 4 |  | √ |  | Replaced by  quiz |
| 3 | Strength of materials | 5 |  | √ |  | Replaced by  quiz |
| 4 | Hydraulic engineering | 4 |  |  | √ |  |
| 5 | Architecture of buildings and facilities | 2+2 | AYP |  | √ |  |
| 6 | Construction [thermophysics](https://www.multitran.com/m.exe?s=thermophysics&l1=1&l2=2) | 3+1 | TP | √ |  | Replaced by  quiz |

## Group ՀՔ 83 / 16 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Foreign language | 2 |  | √ |  |  |
| 2 | Applied mathematics | 4 |  | √ |  |  |
| 3 | Theoretical mechanics | 4 |  | √ |  | Replaced by  quiz |
| 4 | Strength of materials | 5 |  | √ |  | Replaced by  quiz |
| 5 | Road traffic rules | 4 |  |  | √ |  |
| 6 | Structure of transport vehicle | 3 |  |  | √ |  |

## Group ՀՔ 85 / 7 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Line drawing | 3 |  | √ |  |  |
| 2 | Analysis of architectural and design work | 3 |  | √ |  |  |
| 3 | Foreign language | 5 |  |  | √ |  |
| 4 | Political science | 2 |  | √ |  | Replaced by  quiz |
| 5 | History of Armenian architecture | 4 |  | √ |  | Replaced by  quiz |
| 6 | Semiology | 3 |  | √ |  | Replaced by  quiz |
| 7 | Nature and historic monuments of Armenia | 4 |  |  | √ |  |

# 3rd year

## Group ՀՔ 72 / 13 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Pumps | 1 |  | √ |  |  |
| 2 | Technical thermodynamics | 3 |  | √ |  |  |
| 3 | Air ventilation | 4 |  | √ |  |  |
| 4 | Air conditioning and cooling | 4 |  | √ |  |  |
| 5 | Reinforced concrete structures | 4 |  |  | √ |  |
| 6 | Air compressors | 3 |  | √ |  | Replaced by quiz |
| 7 | Heat transfer by bulk fluid motion | 4+1 | TP | √ |  | Replaced by quiz |
| 8 | Planning and reconstruction of settlements | 2 |  |  | √ |  |

## Group ՀՔ 73 / 22 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Preparation if city transport layout | 3+1 | TP | √ |  |  |
| 2 | Technical service of vehicles | 4 |  | √ |  | Replaced by quiz |
| 3 | Motor transportation | 5+2 | AYP |  | √ |  |
| 4 | Conditions of roads and traffic safety | 5+2 | AYP |  | √ |  |
| 5 | Safety of transport vehicles | 4 |  | √ |  | Replaced by quiz |

## Group ՀՔ 75/ 10 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Fresco, miniature painting | 2 |  | √ |  |  |
| 2 | Topography of tourism | 4 |  | √ |  |  |
| 3 | Foreign language (second) | 5 |  | √ |  |  |
| 4 | Judicial system of the sector | 3 |  | √ |  |  |
| 5 | Foreign language (English) | 3 |  |  | √ |  |
| 6 | Organization and management of hotel business | 5 |  |  | √ |  |

# 4th year

## Group ՀՔ 62/ 21 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Centralized heat supply of buildings | 4 |  | √ |  |  |
| 2 | Devices and systems of renewable power sources | 4 |  | √ |  |  |
| 3 | Gas supply | 4 |  | √ |  |  |
| 4 | Heat producing stations | 2+2 | AYP |  | √ |  |
| 5 | Sources of cold: calculation and design basics | 3+1 | TP |  | √ |  |
| 6 | Heating | 3+1 | TP | √ |  | Replaced by quiz |

## Group ՀՔ 63 / 14 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Services of Road Police | 5 |  | √ |  |  |
| 2 | Organization of road traffic | 7+2 | AYP |  | √ |  |
| 3 | Technical equipment of road traffic regulations | 5+2 | AYP |  | √ |  |
| 4 | Safety of transport vehicles | 5+1 | TP | √ |  | Replaced by quiz |
| 5 | Methodological basics of driver’s training | 6 |  | √ |  | Replaced by quiz |

## Group ՀՔ 65/ 12 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Economy in services | 5 |  | √ |  |  |
| 2 | History of world architecture | 3 |  | √ |  |  |
| 3 | Organization of internal and international tourism | 5 |  | √ |  |  |
| 4 | Transport service and safety of tourism | 4 |  | √ |  |  |
| 5 | Analysis of visual, decorative and applied arts | 2 |  |  | √ |  |
| 6 | Foreign language (second) | 5 |  |  | √ |  |

MASTER’S DEGREE

PART-TIMESTUDIES

# Preparatory Course

## Group ՀՔՄՆ 92 / 5 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Air compressors | 3 |  | √ |  |  |
| 2 | Technical thermodynamics | 2 |  | √ |  |  |
| 3 | Heat producing systems | 2 |  | √ |  |  |
| 4 | Automation of processes in HGS&AV\* systems | 2 |  | √ |  |  |
| 5 | Heat transfer by bulk fluid motion | 2 |  | √ |  | Replaced by quiz |
| 6 | Heating | 3+1 | TP |  | √ |  |
| 7 | Air ventilation | 3 |  | √ |  | Replaced by quiz |
| 8 | Gas supply | 3+1 | TP |  | √ |  |
| 9 | Air conditioning and cooling | 2 |  | √ |  | Replaced by quiz |

1st year

## Group ՀՔՄ 92 / 9 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Foreign language | 2 |  | √ |  |  |
| 2 | Fundamental issues of environment protection and climate change | 1 |  | √ |  |  |
| 3 | New methods for increasing the energy efficiency HGS&AV\* systems | 3 |  | √ |  |  |
| 4 | Integrated methods and stations for power generation | 3 |  | √ |  |  |
| 5 | Individual master courses with the manager for preparation of Graduation Project | 7+2 | AYP |  | √ |  |
| 6 | Calculation and design of flame tube boilers | 4+2 | AYP |  | √ |  |

# 2nd year

## Group ՀՔՄ 82 / 15 students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Subject | Credit | AYP, TP | Quiz | Exam | Notes |
| 1 | Scientific-research work | 1 |  | √ |  |  |
| 2 | Measurement theory and devices used in HGS&AV systems | 3 |  | √ |  |  |
| 3 | Energy saving methods and energetic certification of buildings | 3 |  | √ |  |  |
| 4 | Gas transportation and gas storage systems | 3 |  | √ |  |  |
| 5 | Individual master courses with the manager for preparation of Graduation Project | 5 |  |  | √ |  |
| 6 | Mathematical modeling and optimization of heat and cold supply systems | 3+1 | TP |  | √ |  |
| 7 | Energy audit of HGS&AV systems | 2 |  | √ |  | Replaced by quiz |