

# Khazar University

## Informatics

### I course

| Fall Semester           |   |           |
|-------------------------|---|-----------|
| Kod                     |   | ECTS      |
| <a href="#">CMS 505</a> | Advanced Data Structures                    | 8         |
| <a href="#">CMS 510</a> | Advanced Computer Networks and Communicatio | 8         |
| <a href="#">CMS 520</a> | Operating Systems                           | 8         |
| <a href="#">CMS 515</a> | Advanced Object-Oriented Programming        | 8         |
| <b>Total</b>            |   | <b>32</b> |

| Spring Semester         |                             |           |
|-------------------------|-----------------------------|-----------|
| Kod                     |                             | ECTS      |
| <a href="#">CMS 545</a> | Computer Graphics           | 8         |
| <a href="#">CMS 550</a> | Database Management Systems | 8         |
| <a href="#">CMS 560</a> | Machine Learning            | 8         |
| <a href="#">CMS 555</a> | Programming Languages       | 8         |
| <b>Total</b>            |                             | <b>32</b> |

### II course

| Fall Semester           |                                      |           |
|-------------------------|--------------------------------------|-----------|
| Kod                     |                                      | Kredit    |
| <a href="#">CMS 620</a> | Advanced Topics in Computer Sciences | 8         |
| <a href="#">CMS 605</a> | <a href="#">Parallel Programming</a> | 8         |
| <a href="#">CMS 575</a> | Design of Modern Algorithms          | 8         |
|                         | Elective                             | 8         |
| <b>Total</b>            |                                      | <b>32</b> |

| Spring Semester         |                       |           |
|-------------------------|-----------------------|-----------|
| Kod                     |                       | ECTS      |
| <a href="#">CMS 650</a> | <a href="#">Tezis</a> | 24        |
| <b>Total</b>            |                       | <b>24</b> |

Total 120