**TR**

**MUNZUR UNIVERSITY**

**FACULTY OF HEALTH SCIENCES**

**NUTRITION AND DIETETICS DEPARTMENT CURRICULUM COURSES**

**1st YEAR**

**First Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |  |
| TRD101 | Turkish Language-I | Z | 2 | 0 | 2 | 2 |
| AIT101 | Ataturk's Principles and Revolution History-I | Z | 2 | 0 | 2 | 2 |
| WHO101 | Basic Chemistry-I | Z | 3 | 2 | 4 | 4 |
| MAT153 | Basic Mathematics | Z | 3 | 0 | 3 | 4 |
| BESD100 | Human Behavior and Communication | Z | 2 | 0 | 2 | 4 |
| YDI101 | Foreign Language-I | Z | 2 | 0 | 2 | 3 |
| BESD101 | First Aid | Z | 2 | 0 | 2 | 3 |
| BESD102 | Introduction to Nutrition Dietetics | Z | 2 | 0 | 2 | 3 |
| DIJ111 | Digital Literacy | Z | 2 | 0 | 2 | 3 |
| **Elective Courses (1 course to be chosen)** | | | | | | |
| BESD103 | Turkish Cuisine | S | 2 | 0 | 2 | 2 |
| RES101 | Picture | S | 2 | 0 | 2 | 2 |
| BESD104 | General Economics | S | 2 | 0 | 2 | 2 |
| MUZ101 | Music | S | 2 | 0 | 2 | 2 |
| BES101 | Physical education | S | 2 | 0 | 2 | 2 |
| **TOTAL** | |  | **22** | **2** | **23** | **30** |

**2nd Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |
| TRD102 | Turkish Language-II | Z | 2 | 0 | 2 | 2 |
| AIT102 | Ataturk's Principles and Revolution History-II | Z | 2 | 0 | 2 | 2 |
| KIM102 | Basic Chemistry-II | Z | 3 | 2 | 4 | 4 |
| YDI102 | Foreign Language-II | Z | 2 | 0 | 2 | 3 |
| ENF101 | Basic Information Technologies | Z | 1 | 2 | 2 | 4 |
| BESD110 | Psychology in Nutrition Science | Z | 2 | 0 | 2 | 4 |
| BESD111 | Demographic Structure and Health | Z | 2 | 0 | 2 | 3 |
| BESD112 | Medical Biology and Genetics | Z | 3 | 0 | 3 | 4 |
| **Elective Courses (2 courses to be chosen)** | | | | | | |
| BESD113 | World Cuisines | S | 2 | 0 | 2 | 2 |
| BESD114 | Social Anthropology | S | 2 | 0 | 2 | 2 |
| BESD115 | Medicinal and Aromatic Plants | S | 2 | 0 | 2 | 2 |
| BESD116 | Functional Foods | S | 2 | 0 | 2 | 2 |
| GON111 | Volunteering Activities | S | 2 | 0 | 2 | 2 |
| DAB111 | Behavioral Addictions | S | 2 | 0 | 2 | 2 |
| **TOTAL** | |  | **21** | **4** | **23** | **30** |

**2ND YEAR**

**3rd Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |  |
| BESD200 | Nutrition Principles-I | Z | 3 | 2 | 4 | 6 |
| BESD201 | Anatomy | Z | 4 | 0 | 4 | 6 |
| BESD202 | Nutritional Biochemistry-I | Z | 3 | 0 | 3 | 4 |
| BESD203 | General Microbiology | Z | 2 | 0 | 2 | 2 |
| BESD204 | Food Chemistry and Analysis-I | Z | 3 | 2 | 4 | 6 |
| BESD205 | Pharmacology | Z | 2 | 0 | 2 | 2 |
| **Elective Courses (2 courses to be chosen)** | | | | | | |
| BESD206 | Food Processing  The methods | S | 2 | 0 | 2 | 2 |
| BESD207 | Health Sociology | S | 2 | 0 | 2 | 2 |
| BESD208 | Nutrition and Genetics | S | 2 | 0 | 2 | 2 |
| BESD209 | Nutritional Anthropology | S | 2 | 0 | 2 | 2 |
| BESD210 | Healthy Nutrition | S | 2 | 0 | 2 | 2 |
| TBE111 | Technology Literacy and Information Ethics | S | 2 | 0 | 2 | 2 |
| ***TARG-213*** | ***Digital Competence (TBE111 Technology Literacy and Information Ethics ) - (\*ÜTAD)*** | ***S*** | ***2*** | ***0*** | ***2*** | ***3*** |
| *SBFUARG8* | *New Solutions to Nutrition Problems in Society (BESD210 Healthy Nutrition ) - (\*\*FUD)* | ***S*** | 2 | 2 | 3 | 5 |
| **TOTAL** | |  | **21** | **4** | **23** | **30** |
| **R&D TOTAL** | |  | **21** | **6** | **24** | **34** |

**The semester weekly course hours increased by +2, credits +1 and ECTS +4.**

**4th Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |
| BESD220 | Nutrition Principles-II | Z | 3 | 2 | 4 | 6 |
| BESD221 | Physiology | Z | 4 | 0 | 4 | 4 |
| BESD222 | Nutritional Biochemistry-II | Z | 3 | 0 | 3 | 4 |
| BESD223 | Food Microbiology | Z | 2 | 2 | 3 | 4 |
| BESD224 | Food Chemistry and Analysis-II | Z | 3 | 2 | 4 | 6 |
| BESD225 | Exercise and Nutrition | Z | 2 | 0 | 2 | 2 |
| **Elective Courses (2 courses to be chosen)** | | | | | | |
| IHD111 | Human rights | S | 2 | 0 | 2 | 2 |
| BESD226 | Athlete Nutrition | S | 2 | 0 | 2 | 2 |
| BESD227 | Hygiene and Sanitation | S | 2 | 0 | 2 | 2 |
| BESD228 | Stress Information and Ways to Cope | S | 2 | 0 | 2 | 2 |
| BESD229 | General Business | S | 2 | 0 | 2 | 2 |
| BESD230 | Food Allergies | S | 2 | 0 | 2 | 2 |
| ***TARG-211*** | ***Management Skills (BESD228 Stress Information and Ways to Cope ) - (\*ÜTAD)*** | ***S*** | ***3*** | ***0*** | ***3*** | ***4*** |
| *SBFUARG6* | *Modern Nutrition Practices-(BESD226 Athlete Nutrition)-(\*\*FUD)* | ***S*** | *2* | *2* | *3* | *5* |
| **TOTAL** | |  | **21** | **6** | **24** | **30** |
| **R&D TOTAL** | |  | **22** | **8** | **26** | **35** |

**The semester weekly course hours increased by +3, credits increased by +2 and ECTS increased by +5.**

*\*ÜTAD: University Basic R&D course*

*\*\*FUD: Faculty Practice Course*

**3rd YEAR**

**5th Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |  |
| BESD300 | Mother-Child Nutrition | Z | 2 | 2 | 3 | 4 |
| BESD301 | Determination of Nutritional Status in the Community | Z | 3 | 0 | 3 | 4 |
| BESD302 | Mass Nutrition  Systems-I | Z | 3 | 0 | 3 | 4 |
| BESD303 | Food Control and Legislation | Z | 2 | 0 | 2 | 4 |
| BESD304 | Diet Therapy in Diseases-I | Z | 2 | 0 | 2 | 3 |
| BESD305 | Food Additives | Z | 2 | 0 | 2 | 3 |
| BESD306 | Health Policies and Nutrition | Z | 2 | 0 | 2 | 2 |
| BESD307 | Professional Foreign Language-I | Z | 2 | 0 | 2 | 2 |
| **Elective Courses (2 courses to be chosen)** | | | | | | |
| BESD308 | Eating Disorders in Adolescents | S | 2 | 0 | 2 | 2 |
| BESD309 | Nutritional Ecology | S | 2 | 0 | 2 | 2 |
| OHS111 | Occupational Health and Safety | S | 2 | 0 | 2 | 2 |
| BESD310 | Food Drug Interaction | S | 2 | 0 | 2 | 2 |
| BESD311 | Academic Translation-I | S | 2 | 0 | 2 | 2 |
| **TOTAL** | |  | **22** | **2** | **23** | **30** |

**6th Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |
| BESD320 | Nutrition in Childhood Diseases | Z | 2 | 2 | 3 | 6 |
| BESD321 | Nutritional Problems and Epidemiology in the Community | Z | 3 | 0 | 3 | 4 |
| BESD322 | Mass Nutrition Systems-II | Z | 3 | 0 | 3 | 4 |
| BESD323 | Diet Therapy in Diseases-II | Z | 2 | 0 | 2 | 3 |
| BESD324 | Biostatistics | Z | 3 | 0 | 3 | 4 |
| BESD325 | Menu Planning in Special Groups | Z | 2 | 0 | 2 | 3 |
| BESD326 | Professional Foreign Language-II | Z | 2 | 0 | 2 | 2 |
| **Elective Courses (2 courses to be chosen)** | | | | | | |
| BESD327 | Research Methods in Health Sciences | S | 2 | 0 | 2 | 2 |
| BESD328 | Nutrition in Old Age | S | 2 | 0 | 2 | 2 |
| BESD329 | Nutrition in Emergencies and Disasters | S | 2 | 0 | 2 | 2 |
| BESD330 | Food Toxicology | S | 2 | 0 | 2 | 2 |
| BESD331 | Academic Translation-II | S | 2 | 0 | 2 | 2 |
| ***TARG-212*** | ***Scientific Research Methods (BESD327-Research Methods in Health Sciences ) - (\*ÜTAD)*** | ***S*** | ***3*** | ***0*** | ***3*** | ***4*** |
| *SBFUARG9* | *Food Security in Terms of Global Climate Change (BESD427 Nutrition in Emergencies and Disasters ) - (\*\*FUD)* | ***S*** | 2 | 2 | 3 | 5 |
| **TOTAL** | |  | **21** | **2** | **22** | **30** |
| **R&D TOTAL** | |  | **22** | **4** | **24** | **35** |

**The semester weekly course hours increased by +3, credits by +2, and ECTS by +5.**

*\*ÜTAD: University Basic R&D course*

*\*\*FUD: Faculty Practice Course*

**4th YEAR**

**7th Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |  |
| BESD400 | Institutional and Hospital Nutrition Internship-I | Z | 2 | 16 | 9 | 9 |
| BESD401 | Graduation Project-I | Z | 0 | 2 | 1 | 6 |
| BESD402 | Seminar-I | Z | 0 | 2 | 1 | 2 |
| BESD403 | Summer Internship | Z | 0 | 0 | 0 | 5 |
| BESD404 | Ethics in Nutrition and Dietetics | Z | 2 | 0 | 2 | 4 |
| **Elective Courses (2 courses to be chosen)** | | | | | | |
| BESD405 | Nutritional Supplements and Functional Foods | S | 2 | 0 | 2 | 2 |
| BESD406 | Genetically Modified Organisms | S | 2 | 0 | 2 | 2 |
| BESD407 | Nutrition in Disabled Individuals | S | 2 | 0 | 2 | 2 |
| BESD408 | Enteral and Parenteral Nutrition | S | 2 | 0 | 2 | 2 |
| ***TARG-311*** | ***Healthy Life (BESD210 Nutritional Support Products and Functional Foods)-(\*ÜTAD)*** | ***S*** | **3** | **0** | **3** | **4** |
| *SBFUARG7* | *The Future of Genetically Modified Organisms (BESD406-Genetically Modified Organisms)-(\*\*FUD)* | ***S*** | *2* | *2* | *3* | *5* |
| **TOTAL** | |  | **8** | **20** | **17** | **30** |
| **R&D TOTAL** | |  | **9** | **22** | **19** | **35** |

**\*Semester weekly course hours increased by +3, credits by +2, and ECTS by +5.**

**8th Semester**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | | | **Total**  **Credit** | **ECTS** |
| **Total** | **Theory** | **App .** |
| BESD420 | Institutional and Hospital Nutrition Internship-II | Z | 2 | 16 | 9 | 9 |
| BESD421 | Graduation Project-II | Z | 0 | 2 | 1 | 6 |
| BESD422 | Seminar-II | Z | 0 | 2 | 1 | 2 |
| BESD423 | Consulting Services in the field of Nutrition and Dietetics | Z | 2 | 0 | 2 | 5 |
| BESD424 | Current Approaches in Nutrition | Z | 2 | 0 | 2 | 4 |
| **Elective Courses (2 courses to be chosen)** | | | | | | |
| BESD425 | Complementary and Alternative  Treatments | S | 2 | 0 | 2 | 2 |
| BESD426 | Cancer and Nutrition | S | 2 | 0 | 2 | 2 |
| BESD427 | Food Safety | S | 2 | 0 | 2 | 2 |
| BESD428 | Nutrition in Congenital Metabolic Diseases T. | S | 2 | 0 | 2 | 2 |
| **TOTAL** | |  | **10** | **20** | **19** | **30** |

**Total ECTS: 240**

**Total Credits: 174**

**Total ECTS with Ar&Ge : 259**

**Total Credits with Ar&Ge: 181**

*\*ÜTAD: University Basic R&D course*

*\*\*FUD: Faculty Practice Course*