**TR**

**MUNZUR UNIVERSITY**

**FACULTY OF HEALTH SCIENCES**

**NUTRITION AND DIETETICS DEPARTMENT CURRICULUM COURSES (CURRENT)**

**1st YEAR**

**First Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | **Total****Credit** | **ECTS** |
| **T/S** | **Theory** | **App .** |  |
| TRD101 | Turkish Language-I | Z | 2 | 0 | 2 | 2 |
| AIT101 | Ataturk's Principles and Revolution History-I | Z | 2 | 0 | 2 | 2 |
| YKIM101 | Basic Chemistry-I | Z | 2 | 2 | 3 | 4 |
| YMAT153 | Basic Mathematics | Z | 3 | 0 | 3 | 3 |
| BESD117 | Professional Orientation | Z | 2 | 0 | 2 | 2 |
| YYDI101 | Foreign Language-I | Z | 2 | 0 | 2 | 2 |
| YBESD201 | Anatomy | Z | 4 | 0 | 4 | 4 |
| YBESD200 | Nutrition Principles-I | Z | 3 | 2 | 4 | 5 |
| DIJ111 | Digital Literacy | Z | 2 | 0 | 2 | 3 |
| **Elective Courses (2 courses to be chosen)** |
| YBESD103 | Turkish Cuisine and Culture | S | 2 | 0 | 2 | 2 |
| YBESD100 | Human Behavior and Communication | S | 2 | 0 | 2 | 2 |
| BESD104 | General Economics | S | 2 | 0 | 2 | 2 |
| GON111 | Volunteering Activities | S | 2 | 0 | 2 | 2 |
| BESD119 | Adjusting to University Life | S | 2 | 0 | 2 | 2 |
| **TOTAL** |  |  | **26** | **4** | **28** | **31** |

**2nd Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | **Total****Credit** | **ECTS** |
| **T/S** | **Theory** | **App .** |
| TRD102 | Turkish Language-II | Z | 2 | 0 | 2 | 2 |
| AIT102 | Ataturk's Principles and Revolution History-II | Z | 2 | 0 | 2 | 2 |
| YKIM102 | Basic Chemistry-II | Z | 2 | 2 | 3 | 4 |
| YDI102 | Foreign Language-II | Z | 2 | 0 | 2 | 2 |
| YENF101 | Basic Information Technologies | Z | 1 | 2 | 2 | 3 |
| BESD118 | Basic Psychology | Z | 2 | 0 | 2 | 2 |
| BESD221 | Physiology | Z | 4 | 0 | 4 | 4 |
| YBESD220 a | Nutrition Principles - II | Z | 3 | 2 | 4 | 5 |
| YBESD112 | Medical Biology and Genetics | Z | 3 | 0 | 3 | 3 |
| **Elective Courses (2 courses to be chosen)** |
| BESD113 | World Cuisines | S | 2 | 0 | 2 | 2 |
| BESD114 | Social Anthropology | S | 2 | 0 | 2 | 2 |
| BESD225 | Exercise and Nutrition | S | 2 | 0 | 2 | 2 |
| DAB111 | Behavioral Addictions | S | 2 | 0 | 2 | 2 |
| BESD120 | Career Planning | S | 2 | 0 | 2 | 2 |
| **TOTAL** |  |  | **25** | **6** | **28** | **31** |

**Prerequisites for Passing the Course:**

**a** In order to take the YBESD220 (Nutrition Principles-II) course, students must have successfully passed the YBESD200 (Nutrition Principles-I) course.

**2ND YEAR**

**3rd Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | **Total****Credit** | **ECTS** |
| **T/S** | **Theory** | **App .** |  |
| BESD231 | Pathophysiology | Z | 3 | 0 | 3 | 4 |
| YBESD206 | Food Processing Methods | Z | 2 | 0 | 2 | 3 |
| YBESD202 | Nutritional Biochemistry-I | Z | 3 | 0 | 3 | 5 |
| YBESD203 | General Microbiology | Z | 2 | 2 | 3 | 5 |
| BESD204 | Food Chemistry and Analysis-I | Z | 3 | 2 | 4 | 6 |
| BESD111 | Demographic Structure and Health | Z | 2 | 0 | 2 | 3 |
| **Elective Courses (2 courses to be chosen)** |
| BESD207 | Health Sociology | S | 2 | 0 | 2 | 2 |
| BESD209 | Nutritional Anthropology | S | 2 | 0 | 2 | 2 |
| BESD229 | General Business | S | 2 | 0 | 2 | 2 |
| BESD232 | Nutritional Ecology | 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** |  | **19** | **4** | **21** | **30** |
| **R&D TOTAL** |  | **19** | **6** | **22** | **34** |

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

**4th Semester**

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| --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | **Total****Credit** | **ECTS** |
| **T/S** | **Theory** | **App .** |
| BESD300 | Maternal and Child Nutrition | Z | 2 | 2 | 3 | 4 |
| BESD205 | Pharmacology | Z | 2 | 0 | 2 | 2 |
| YBESD222 | Nutritional Biochemistry-II | Z | 3 | 0 | 3 | 5 |
| YBESD223 | Food Microbiology | Z | 2 | 2 | 3 | 5 |
| BESD224 | Food Chemistry and Analysis-II | Z | 3 | 2 | 4 | 6 |
| BESD303 | Food Control and Legislation | Z | 2 | 0 | 2 | 4 |
| **Elective Courses (2 courses to be chosen)** |
| YBESD101 | First Aid | S | 2 | 0 | 2 | 2 |
| BESD226 | Athlete Nutrition | S | 2 | 0 | 2 | 2 |
| BESD227 | Hygiene and Sanitation | S | 2 | 0 | 2 | 2 |
| BESD115 | Medicinal and Aromatic Plants | S | 2 | 0 | 2 | 2 |
| IHD111 | Human rights | S | 2 | 0 | 2 | 2 |
| BESD228 | Stress Information and Ways to Cope | 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** |  |  | **18** | **6** | **21** | **30** |
| **R&D TOTAL** |  | **19** | **8** | **23** | **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**

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| --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | **Total****Credit** | **ECTS** |
| **T/S** | **Theory** | **App .** |
| YBESD320 **b** | Nutrition in Childhood Diseases-I | Z | 2 | 2 | 3 | 5 |
| YBESD301c**​** | Determination of Nutritional Status in the Community | Z | 3 | 0 | 3 | 5 |
| BESD302c**​** | Mass Nutrition Systems-I | Z | 3 | 0 | 3 | 4 |
| YBESD304 **c** | Diet Therapy in Diseases-I | Z | 3 | 2 | 4 | 6 |
| BESD324 | Biostatistics | Z | 3 | 0 | 3 | 4 |
| BESD307 | Professional Foreign Language-I | Z | 2 | 0 | 2 | 2 |
| **Elective Courses (2 courses to be chosen)** |
| YBESD305 | Food Additives | S | 2 | 0 | 2 | 2 |
| OHS111 | Occupational Health and Safety | S | 2 | 0 | 2 | 2 |
| BESD330 | Food Toxicology | S | 2 | 0 | 2 | 2 |
| BESD310 | Food Drug Interaction | S | 2 | 0 | 2 | 2 |
| BESD332 | Development of Standard Recipes | S | 2 | 0 | 2 | 2 |
| ENTER222 | Entrepreneurship | S | 2 | 0 | 2 | 2 |
| **TOTAL** |  |  | **20** | **4** | **22** | **30** |

**6th Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | **Total****Credit** | **ECTS** |
| **T/S** | **Theory** | **App .** |
| BESD333d**​** | Nutrition in Childhood Diseases-II | Z | 2 | 2 | 3 | 6 |
| YBESD321 | Nutritional Problems and Epidemiology in the Community | Z | 3 | 0 | 3 | 5 |
| BESD322 **e** | Mass Nutrition Systems-II | Z | 3 | 0 | 3 | 4 |
| YBESD323 **f** | Diet Therapy in Diseases-II | Z | 3 | 2 | 4 | 6 |
| 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 |
| BESD334 | Obesity Management | S | 2 | 0 | 2 | 2 |
| BESD335 | Intellectual and Industrial Property Rights | 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** |  | **19** | **4** | **21** | **30** |
| **R&D TOTAL** |  | **20** | **6** | **23** | **35** |

**Increase semester weekly course hours +3, credits +2, ECTS +5**

*\*ÜTAD: University Basic R&D course*

*\*\*FUD: Faculty Practice Course*

**Prerequisites for Passing the Course:**

**b** In order to take the YBESD320 (Nutrition in Pediatric Diseases-I) course, students must have successfully passed the YBESD220 (Principles of Nutrition-II) and BESD300 (Maternal and Child Nutrition) courses.

c In order to take BESD302 (Mass Nutrition Systems-I), YBESD304 (Dietary Treatment in Diseases-I) and YBESD301 (Determination of Nutritional Status in the Community) courses, students must successfully pass YBESD220 (Principles of Nutrition-II) course.

**d** In order to take the BESD333 (Nutrition in Pediatric Diseases-II) course, the student must have successfully passed the YBESD320 (Nutrition in Pediatric Diseases-I) course.

**to**In order to take the BESD322 (Mass Nutrition Systems-II) course, students must have successfully passed the BESD302 (Mass Nutrition Systems-I) course.

**f** In order to take the YBESD323 (Dietary Therapy in Diseases-II) course, students must have successfully passed the YBESD304 (Dietary Therapy in Diseases-I) course.

**4th YEAR**

**7th Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE CODE** | **LESSONS** | **Weekly Class Hours** | **Total****Credit** | **ECTS** |
| **T/S** | **Theory** | **App .** |  |
| BESD429g**​** | Professional Practices in Clinical Nutrition - Adult | Z | 1 | 8 | 5 | 5 |
| BESD430h**​** | Professional Practices in Mass Nutrition Systems | Z | 1 | 8 | 5 | 5 |
| BESD401 | Graduation Project-I | Z | 0 | 2 | 1 | 6 |
| BESD402 | Seminar-I | Z | 0 | 2 | 1 | 2 |
| YBESD403 **i** | External Institution Internship | Z | 0 | 0 | 0 | 4 |
| 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 |
| BESD433 | Microbiota and Nutrition | S | 2 | 0 | 2 | 2 |
| BESD434 | Assessment of Nutritional Status | 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** | **18** | **30** |
| **R&D TOTAL** |  | **9** | **22** | **20** | **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** |
| **T/S** | **Theory** | **App .** |
| BESD431 **j** | Professional Practices in Clinical Nutrition - Child | Z | 1 | 8 | 5 | 5 |
| BESD432 **k** | Professional Practices in Community Nutrition | Z | 1 | 8 | 5 | 5 |
| BESD421 | Graduation Project-II | Z | 0 | 2 | 1 | 6 |
| BESD422 | Seminar-II | Z | 0 | 2 | 1 | 4 |
| YBESD423 | Nutrition Education and Consulting Services | Z | 2 | 0 | 2 | 3 |
| BESD424 | Current Approaches in Nutrition | Z | 2 | 0 | 2 | 3 |
| **Elective Courses (2 courses to be chosen)** |
| BESD435 | Sustainable Nutrition | S | 2 | 0 | 2 | 2 |
| BESD208 | Nutrition and Genetics | S | 2 | 0 | 2 | 2 |
| BESD426 | Cancer and Nutrition | S | 2 | 0 | 2 | 2 |
| BESD427 | Food Safety | S | 2 | 0 | 2 | 2 |
| BESD436 | Nutrition After Bariatric Surgery | S | 2 | 0 | 2 | 2 |
| **TOTAL** |  |  | **10** | **20** | **20** | **30** |

**Note:** Students must take 2 elective courses each semester and will take at least 30 ECTS courses in total each semester.

 **Total ECTS: 242 Total ECTS with R&D : 261**

**Total Credit: 179 Total Credit with R& D : 186**

*\*ÜTAD: University Basic R&D course*

*\*\*FUD: Faculty Practice Course*

**Prerequisites for Passing the Course:**

**Prerequisites for Professional Practice Courses**

 **g** In order to take the BESD429 (Professional Applications in Clinical Nutrition-Adult) course, it is necessary to successfully pass the YBESD323 (Diet Therapy in Diseases-II) course.

**h** In order to take the BESD430 (Professional Applications in Mass Nutrition Systems) course, it is necessary to have successfully passed the BESD322 (Mass Nutrition Systems-II) course.

**j** In order to take the BESD431 (Professional Applications in Clinical Nutrition-Child) course, students must have successfully passed the BESD333 (Nutrition in Pediatric Diseases-II) course.

**k** In order to take the BESD432 (Professional Practices in Community Nutrition) course, students must have successfully passed the YBESD301 (Determination of Nutritional Status in the Community) and YBESD321 (Nutritional Problems and Epidemiology in the Community) courses.

**Summer Internship Application Prerequisites**

 **In order to take the** YBESD403 (External Institution Internship) course and start the relevant internship, students must have successfully passed the BESD333 (Nutrition in Childhood Diseases-II), YBESD301 (Determination of Nutritional Status in the Community), YBESD321 (Nutrition Problems and Epidemiology in the Community), BESD322 (Mass Nutrition Systems-II) and YBESD323 (Diet Treatment in Diseases-II) courses.