

College Engineering

کۆلیژی ئەندازەییاری

Department of Dams & water resources engineering

بەشی بنداووسەرچاوەکانی ناو

First Year

| Code | Module | یەكە Units | ژمارە ی کاتژمێر لە هەفتە یەکدا Hours / Week | | | بابەت |
|--------------|---|---------------|--|-----------------|--------------------|----------|
| | | | ئێوری Lecture | پراکتیکی Lab | گفتوگۆ Tutorial | |
| DE101 | Information technology | 4 | 1 | 2 | - | |
| DE102 | English Language | 6 | 2 | 2 | - | |
| DE103 | Kurdology | 4 | 2 | - | - | |
| DE104 | Academic Debate & Critical thinking | 4 | 1 | 2 | - | |
| DE105 | Mathematics I | 5 | 2 | 1 | 1 | |
| DE106 | Engineering Mechanics | 5 | 2 | 1 | 1 | |
| DE107 | Engineering Drawing & CAD | 6 | 1 | 5 | - | |
| DE108 | Introduction to Water Resources Engineering | 4 | 2 | - | 2 | |
| DE109 | Engineering Geology | 4 | 2 | - | - | |
| Total | | 42 | 15 | 13 | 2 | کۆی گشتی |

Second Year

| Code | Module | پهڪه Units | ژماره ي ڪاترمير له ههفته پهڪدا Hours / Week | | | بابهت |
|--------------|-------------------------------------|---------------|--|-----------------|---------------------|----------|
| | | | ٽيوري Lecture | پراڪٽيڪي Lab | گفتوگوي Tutorial | |
| DE201 | Mathematics II | 5 | 2 | 1 | 1 | |
| DE202 | Mechanics of Materials | 4 | 2 | - | 2 | |
| DE203 | Fluid Mechanics | 5 | 2 | 1 | 1 | |
| DE204 | Surveying | 6 | 2 | 3 | - | |
| DE205 | Environmental Engineering | 4 | 2 | - | - | |
| DE206 | Computer Programming | 6 | 2 | 2 | - | |
| DE207 | Construction Materials & Technology | 5 | 2 | 1 | - | |
| DE208 | Engineering Statistics | 4 | 2 | - | - | |
| Total | | 39 | 16 | 8 | 4 | ڪوي گشتي |

Third Year

| Code | Module | پهڪه Units | ژماره ي ڪاترمير له ههفته پهڪدا Hours / Week | | | بابهت |
|--------------|-------------------------------|---------------|--|-----------------|---------------------|----------|
| | | | ٽيوري Lecture | پراڪٽيڪي Lab | گفتوگوي Tutorial | |
| DE301 | Engineering Hydraulics | 6 | 2 | 2 | - | |
| DE302 | Design of Concrete Structures | 4 | 2 | - | 1 | |
| DE303 | Theory of Structures | 4 | 2 | - | 1 | |
| DE304 | Dam Engineering I | 6 | 2 | 2 | - | |
| DE305 | Engineering Hydrology | 6 | 2 | 2 | - | |
| DE306 | Engineering Analysis | 4 | 2 | - | 2 | |
| DE307 | Soil Mechanics | 5 | 2 | 1 | 1 | |
| DE308 | Irrigation Engineering I | 4 | 2 | - | - | |
| Total | | 39 | 16 | 7 | 5 | ڪوي گشتي |

Fourth Year

| Code | Module | پہکے Units | ژماره ی کاتژمیر له ههفته په کدا Hours / Week | | | بابهت |
|-------|--|---------------|--|-----------------|--------------------|----------|
| | | | تیوری Lecture | پراکتیکی Lab | کلتوگۆ Tutorial | |
| DE401 | Design of Hydraulic Structures | 6 | 2 | 2 | 1 | |
| DE402 | Dam Engineering II | 6 | 2 | 2 | -- | |
| DE403 | Irrigation Engineering II | 5 | 2 | 1 | 1 | |
| DE404 | Foundation Engineering | 4 | 2 | - | 2 | |
| DE405 | Water Resources Management & Economics | 4 | 2 | - | 1 | |
| DE406 | Construction Methods and Estimations | 4 | 2 | -- | 1 | |
| DE407 | Water Supply and Sewerage | 5 | 2 | 1 | - | |
| DE408 | Research Project | 4 | 1 | 2 | - | |
| DE409 | Elective | 2 | 1 | - | 1 | |
| Total | | 40 | 16 | 8 | 7 | کۆی گشتی |

Elective

1. Ground Water Hydrology
2. Applied Water Resources Engineering