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| **COURSE IDENTIFICATION FORM** | | | | | | | |
| **Course Code and Name: SM 5072 A**quatic Ecology | | | | **Department of : Fisheries** | | | |
| |  | | --- | | **Semester** | | **Theoretic Hour** | **Practice Hour** | **Total Hour** | **Credits** | **ECTS** | **Education Language** | **Type: Compulsory Elective** |
| Fall | 2 | 0 | 2 | 3 | 5 | Turkish | Optional |
| **Prerequisite (s)** | |  | | | | | |
| **Instructor** | | Prof. Dr. Rahmi AYDIN | | | | **Mail :**  **Web :** | |
| **Course Assistant** | | - | | | | **Mail :**  **Web :** | |
| **Groups / Classes** | | Teacher office | | | |  | |
| **Course Aim** | | Characteristics of aquatic environments, ecological balances in aquatic environments, water resources, comprehension of aquatic terminology, water pollution, toxicity | | | | | |
| **Course Goals** | | The student is taught the ecological balance and ecological conditions in aquatic environments, frequently used concepts for aquatic environments are taught, and the sources that pollute aquatic environments are determined  . | | | | | |
| **Course Learning Outs and Proficiencie*s*** | | * Students will be provided with knowledge of aquatic environments, water pollution and toxicology. | | | | | |
| **Course Basic and Auxiliary Contexts** | | * Ekology book : Autor : Ahmet Kocataş * General Ekology: Autor : Sabri GÖKMEN | | | | | |
| **Methods of Give a Lecture** | | Giving face-to-face lectures and research assignments | | | | | |

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| **Assessment Criteria** | |  | **If Available, to Sign (x)** | **General Average Percentage (%) Rate** |
| **1. Quiz** | **X** | **40** |
| **2. Quiz** |  |  |
| **3. Quiz** |  |  |
| **4. Quiz** |  |  |
| **5. Quiz** |  |  |
| **Oral Examination** |  |  |
| **Practice Examination (Laboratory, Project etc.)** |  |  |
| **Final Examination** | **X** | **60** |
| **Semester Course Plan** | | | | |
| **Week** | **Subjects** | | | |
| **1** | Definition and scopes of ecology | | | |
| **2** | Ecological Terms | | | |
| **3** | Ecological Factors | | | |
| **4** | Definition of Aquatic Ecology | | | |
| **5** | Ecosystem and its definition | | | |
| **6** | Ecological Balances | | | |
| **7** | Factors that disrupt ecological balances | | | |
| **8** | Pollution of aquatic environments | | | |
| **9** | **Quiz** | | | |
| **10** | Effect of pesticides on non-target aquatic organisms | | | |
| **11** | Aquatic toxicology and Toxicity concepts | | | |
| **12** | Groundwater | | | |
| **13** | Pollution of groundwater | | | |
| **14** | Comparison of aquatic environments | | | |