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| **COURSE IDENTIFICATION FORM** |
| **Course Code and Name: SM 5072 A**quatic Ecology | **Department of : Fisheries** |
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| **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.
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| **Course Basic and Auxiliary Contexts** | * Ekology book : Autor : Ahmet Kocataş
* General Ekology: Autor : Sabri GÖKMEN
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| **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 |