**Course Description**

The total duration of the course is 91 hours (providing 4 ECTS) and includes theory, practice a workshop and application on the following 6 topics:

**Topic 1: Diving (basics) – 14hrs**

Theory: International Standards - 1hr, Occupational Framework (national level) – 2hrs, Operational Needs (for the underwater science) – 3hrs, Dive Planning & Gas Management – 2hrs

Practice: Underwater Navigation & Orientation – 2hrs, Site Preparation (supportive Scientific Diving Tasks) – 4 hrs

Application/Assessment: Basic Diving Skills – 2hrs

**Topic 2: Safety (basics) – 12,5hrs**

Theory: Operational & Diving Safety (link to UW Surveys) – 3hrs

Practice: Risk Management (safety scenarios) – 8hrs

Application/Assessment: Project Assignment (risk assessment) – 1.5hrs

**Topic 3: UW Survey (basics) – 21,5hrs**

Theory: GIS Mapping (link to UW Science Literacy) – 2hrs, Field Surveying & Technology – 2hrs, Samples and Data Handling – 2hrs, Ecology & Environmental Studies (link to UW Natural Features and UW Cultural Heritage) – 2hrs

Practice: Surveying (supportive and core SD Tasks) – 10hrs

Workshop: 3D Data Handling and Modeling – 2hrs

Application/Assessment: Project Assignment (project planning) – 1.5hrs

**Topic 4: UW Natural Features (basics) – 17,5hrs**

Theory: Geological features and sampling (link to UW Science Literacy) – 2hrs, Ocean conditions (link to UW Science Literacy) – 2hrs, Flora & Fauna (link to UW Science Literacy) – 2hrs

Practice: Sampling (supportive and core SD Tasks)– 10hrs

Application/Assessment: Project Assignment (site assessment) – 1.5hrs

**Topic 5: UW Cultural Heritage (basics) – 13,5hrs**

Theory: Tangible and Intangible features (link to UW Science Literacy)– 2hrs

Practice: Artefacts Handling (supportive and core SD Tasks) – 10hrs

Application/Assessment: Project Assignment (site assessment) – 1.5hrs

**Topic 6: UW Science Literacy and Communication (basics) – 10,5hrs**

Theory: Communicating Science, Media & Public Engagement and Awareness – 3hrs

Practice: Communicating Scientific Data (experiential activity) – 6hrs

Application/Assessment: Project Assignment (dissemination) – 1.5hrs