Marine Coastal and Delta Sustainability for Southeast Asia (MARE)

Co-funded by the Erasmus+ Programme of the European Union

Erasmus + CBHE Project (2020-2023)

MARE aims to promote sustainable governance and management of coastal, delta & marine socio-ecological systems in Malaysia & Vietnam and adjacent waters through ICT- enhanced tertiary education linked to labour market & wider stakeholder circles.

MARE COURSES

MARINE ENVIRONMENT (Bachelor of Engineering (Naval Architecture and Offshore Engineering)) – 2 Credit

This course will cover marine meteorology and oceanography, the interactions between the marine environment and marine vehicles/structures as well as the important issues relating to marine safety, sustainability and environmental impact (Climate Change & Sea Level Rise)

Prof. Dr. Adi Maimun (adi@utm.my)

ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY (Master of Engineering (Civil), (Environmental Management), (Environmental Engineering)) – 3 Credit

This course will cover the environmental management and concept of sustainability, principles of sustainability development and environmental sensitive areas, catchment management, development of coastal and inland areas

Dr. Badruddin (mbadruddin@utm.my)

ENVIRONMENT AND RENEWABLE ENERGY (Master of Science (Mechanical Engineering)) – 3 credit

This course will cover the science of marine environment particularly waves and tides and basic fundamentals of oceanography and marine meteorology as well as the environmental issues related to ship and offshore structure. In addition, the main forms of marine renewable energy particularly wind, wave and tidal, focusing on the technology and resource assessment associated with each form will be covered

Dr. Farah Ellyza (farahellyza@utm.my)

WATER QUALITY MANAGEMENT AND ASSESSMENT (Master of Engineering (Environmental Management)) – 3 Credit

This course will cover various aspect in water quality for fresh water and marine environment, water pollution and impacts on environment and legislation as well as the assess water quality problems and plan mitigation and control measures for water pollution

Dr. Shamila (shamila@utm.my)

PRINCIPLE OUTCOMES

- Updated Curricula with new Syllabi
- New e-Learning Materials based on innovative teaching strategies and creative learning approaches.
- Interactive course for Life-Long Learning and eScience module for doctoral students




PARTNERS

Universität Bremen

UTM Universiti Teknologi Malaysia

UTP Universiti Teknologi PETRONAS

UniKL Universiti Kuala Lumpur

UMT

Đại học Cần Thơ

MCI MarineLife Conservation & Community Development

Italian National Research Council

Institute of Oceanography

Università degli Studi di Catania

EMU Eesti Maaülikool Estonian University of Life Sciences

For further details , please contact:

Head of Research Group

Name : Professor Dr. Adi Maimun bin Abdul Malik
Email: adi@utm.my