

# **NRW Middle East Research Scholarship Program for students from Palestine**

## **Dortmund University of Applied Sciences and Arts**

### **Research Scholarship Positions 2018**

The University of Applied Sciences and Arts Dortmund, Germany, with financing from the federal state of North-Rhine Westphalia, is pleased to announce the opportunity to Palestinian students to join a research team in the fields of computer science, computer engineering, business informatics, project management (or related fields) on a scholarship-basis.

The hosted students may join the research groups within on-going projects at the research Institute for Digital Transformation of Application and Living Domains (IDiAL) or be part of a group of researchers within an international English-language Master's study programme. The research fields offered can be matched to the interests of the hosted students.

#### **1. Scholarship positions within research groups to support on-going projects at the research institute IDiAL:**

Research in IDiAL focuses on the following application domains:

- Health and Demographic Change
- Logistics and Robotics
- Resource Efficiency and Sustainable Energy
- Mobility and Infrastructure
- Process and Tool Development

Students accepted for a research scholarship position have the opportunity to join research teams of the on-going projects at the institute. For more information about ongoing projects, click [here](#).

#### **2. Scholarship positions within research groups implementing projects as part of International Master Study Programmes – within a European Consortium:**

The hosted students also have the opportunity to work in international research teams of students enrolled in our two international English-taught Master programmes:

##### 1) Master Embedded Systems for Mechatronics (ESM)

The Master Programme Embedded Systems for Mechatronics is delivering the knowledge and competencies to work in today's interdisciplinary engineering teams, e.g. in automotive, industrial automation, ICT, medical technology and other industries and to develop intelligent technical systems.

The Master programme is designed to fit into the most recent engineering processes for mechatronic product development. The engineers learn about software and hardware development for embedded systems. Competencies in distributed systems, signal and control theory and system architectures complement the profile. A major focus is put on the understanding of the complete design flow starting with the requirements engineering via modeling, verification and validation down to implementation in hardware and software. Respective case studies and projects support the characteristic applied sciences profile of the programme. Modules on mechatronic systems engineering, technical project management and specific methods and tools for cross domain engineering enable future engineers to work successfully in interdisciplinary projects.

For more information about ESM, click [here](#).

## 2) European Master in Project Management (EuroMPM)

Today Project Management plays a fundamental role in nowadays business environment. Paying exclusive attention to the project management can quickly become an extremely important issue for many organizations in order to achieve strategic goals and to meet economic environment challenges. The development of competences in international project management is the core focus of the EuroMPM, with possible specialization in aspects of business project management or IT project management.

The European Master in Project Management (EuroMPM) is implemented at the University of Applied Sciences and Arts in Dortmund and embedded in the consortium of European universities with the University of the Basque Country in Bilbao (Spain), the NTNU in Trondheim (Norway), the Kiev National University of Construction and Architecture in Kiev (Ukraine) and the Kauno Technologijos Universitetas in Kaunas (Lithuania).

The curriculum is based upon international standards that are important for project management (IPMA, PMI, OGC, ISO, etc.) and is completely taught in English.

For more information about EuroMPM, click [here](#).

The scholarship positions are offered, for a duration ranging between 8 and 12 weeks, any time between 01.05.2018 and 31.12.2018, under supervision of:

[Prof. Dr. Carsten Wolff](#)

[Prof. Dr. Christian Reimann](#)

Based on the applicant's interest and field of study, the nature of the research work can be determined.

For applications or questions, please contact [Ms. Ala Nuseibah](#)

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