



## Partner Search Form

INSTITUTION/CONTACT PERSON:			
	<b>Last Name</b>	Abu Zir	<b>First Name</b>
		Yousef	
<b>Institution</b>		Al-Quds Open University	
<b>Role in the institution</b>		Dean of Faculty of Technology and Applied Sciences	
<b>Address</b>		Al-Balou	
<b>Town</b>		<b>Al-Bireh</b>	<b>Country</b>
			Palestine
<b>Telephone</b>		972-597-777-237	<b>Email</b>
			<a href="mailto:yabuzir@gou.edu">yabuzir@gou.edu</a>
<b>Homepage address of the institution</b>		<a href="http://www.gou.edu">www.gou.edu</a>	
INFORMATION ABOUT THE PLANNED PROJECT:			
<b>Erasmus+ International co-operation Activity</b> (higher education sector) – <b>type of the project idea</b>		<p>Please, tick the appropriate one/ones:</p> <p><input type="checkbox"/> Erasmus+ KA1: International students and staff credit mobility</p> <p><input type="checkbox"/> Erasmus+ KA1: Erasmus Mundus Joint Master Degrees</p> <p><input checked="" type="checkbox"/> Erasmus+ KA2: Capacity Building Higher Education in Partner Countries</p> <p><input type="checkbox"/> Erasmus+ Jean Monnet programme</p>	
<b>Discipline / Academic field</b>		Joint Master Program in Data Science	
<b>Institution's preferable role in the project?</b> (applicant/partner)		<input checked="" type="checkbox"/> Applicant <input type="checkbox"/> Partner	
<b>Which countries are about to be involved?</b>		<b>Erasmus+ Programme Countries</b>	
		<b>Erasmus+ Partner Countries</b>	
<b>Working language of the project consortium = language of the project application</b>		English	
<b>Duration of the project</b>		3 years	

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### PROJECT DESCRIPTION:

#### Objectives

Data Science is considered one of the most vital fields in the modern era. We aim to establish a joint master program in data science to achieve the following objectives:

1. Transferring Knowledge and skills from European partner universities to Palestinian universities;
2. Preparing specialized professional cadres and teaching staff in this specialization;
3. Enhancing scientific research in Data Science and cooperating with European universities to form the core of the research team in data science.
4. Establishing a specialized research center in data science.
5. Providing software applications and tools to help different institutions and sectors for data utilization.

On the other side, there are several initiatives and projects that the Ministry of Education and Higher Education (MoEHE) and Ministry of Telecommunications and Information Technology (MTIT) adopt that include huge amount of data handling such as electronic government and e-learning initiatives besides applying technology in different vital fields like education, health, management and other different sectors that reveals the need for the master program.

#### Activities

- Training & Technical Needs assessment study
- Training & Development
- Courses & study plans
- Establishing joint research lab equipped with needed tools and programming
- Accreditation and implementation of joint master degree program
- Quality and supervision guarantee mechanism
- Dissemination of results and sustainability plan
- Project management

#### Results

1. Joint Master program in Data Science in addition to qualified teaching staff, study plans and textbooks
2. Joint scientific journal specialized in Data science which motivates research teams of partner universities to enrich the journal with quality researches
3. Holding an international conference aiming at transferring skills and experiences to universities that are not partners in this projects including Arab universities;
4. Organizing a series of training workshops targeting the teaching staff and students to exchange knowledge and skills and get acquainted with the experience of the European countries in this regard and benefit from it;
5. Enriching the Palestinian work market with skilled knowledgeable graduates and filling the



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gap between theory and practice

6. Establishing an equipped research center to support the practical part of the courses and produce quality researches.

### We are searching for:

<b>Types of institutions</b>	Higher Educational Institution Universities with Research centers
<b>Country/Region</b>	Netherlands United Kingdom Germany
<b>Institutions' profiles</b>	Universities have Master Degree in Data Science/Big Data
<b>Other relevant information</b>	Preferable to have Data Science Research centre