

**Collaborations between
University of West Attica (UniWA),
and
University of Tirana (UT)
and
University of Medicine, Tirana (UMT)**

They are initiated by the Dept. of Informatics and Computer Engineering (ICE), since 2015

UniWA ICE & UMT promote Medical Engineering science & profession for "Health Service Delivery Systems" (HSDS):

The strategic aim of the proposed Erasmus+ collaboration between UniWA and UMT is the promotion of Medical Engineering as a branch of science and as a profession of the future. It is estimated that there will be several benefiting students who will acquire knowledge of Medical Engineering, through this collaboration. The purpose of Medical Engineering is the Development, Maintenance, Use & Operation of "Health Service Delivery Systems" (HSDS, the term refers to tools, devices, infrastructures, methods and software applications), and also the Training & Support of Users for HSDS. It is an interdisciplinary area.

UMT's & UniWA's strategies are complementary to each other for Ambulatory Medical Care & Home-Based Care:

One of the aims of UMT is the transition from hospital medical care to Ambulatory Medical Care and Home-Based medical Care (AMC&HBC). Among the UniWA's objectives is to spark innovative ideas to stay abreast of current trends. These are complementary because we can establish common projects for designing (spark innovative ideas) and implementing new tools, devices, infrastructures, methods and applications (stay abreast of current trends) for AMC&HBC.

UniWA's dept. of Informatics is engaged with Computational Linguistics and Natural Language Processing:

The relationship of the UniWA's department of Informatics & Computer Engineering with the field of Natural Language Processing of Balkan Languages is justified by courses in the department's curriculum and, in addition, by a group of the departments staff members who are engaged in research and training in Computational Linguistics and Natural Language Processing.

The amplitude of the collaborations is documented (two examples)

A research paper:

Nikitas N. Karanikolas (GR), Mirjana Ivanovic (RS), Alda Kika (AL), Ridvan Alimehmeti (AL) and Skourlas (GR), 2023, " Medical Engineering, Health Informatics and Medical Imaging (ME&HI) Profession and Curriculum", in Springer IFMBE Proceedings vol. 93, Pages 803-814 (<https://link.springer.com/book/9783031490613>).

Program Committee membership of UniWA ICE staff in Albania-based Conferences:

2nd International Conference on Recent trends and Applications in Computer Science and Information Technology, Tirana, Albania, November 2016 (<https://ceur-ws.org/Vol-1746/preface.pdf>).