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How to

Registration Form of IMPACT COILs

Title: Building Your Research Skills

Participating Institutions:

- Hellenic Mediterranean University (Greece)
- University of Groningen (Netherlands)
- Vilnius Tech (Lithuania)
- Igor Sikorsky KPI (Ukraine)
- TECHNION (Israel)
- Tel Aviv University (Israel)
- Western Galilee College (Israel)
- Web2Learn (Greece)

Coordinators:

- **Hellenic Mediterranean University**: Associate Professor Konstantinos Petridis & Assistant Professor George Kakavelakis.
- **University of Groningen**: Dr. Stratis Koulierakis
- **Vilnius Tech**: Prof. Skirmante Mozuriunaite
- **Igor Sikorski KPI:** Prof. Yuliana Lavrysh & Prof. Iryna Simkova
- **TECHNION**: Assistant Professor Tzipora Rakedzon
- **University of Tel Aviv**: Ms. Monica Broido
- **Western Galilee College**: Samia Zeif and Elena Mizrahi
- **W2L**: Dr. Katerina Zourou

Objectives:

This COIL is designed to develop critical research skills with a practical focus. Students will learn to analyze and evaluate information critically, conduct comprehensive literature reviews, and design robust research methodologies for both qualitative and quantitative studies. They will also be introduced to how to read, write, and submit their scientific work, preparing them for real-world research scenarios. Technical writing abilities will be enhanced, focusing on clear, well-structured reports and proposals with proper citations and academic integrity. Students will improve their presentation skills and learn to communicate research findings effectively (in experts and non-experts) through oral presentations, posters, and digital media. To ensure efficiency, project management principles, including planning, organizing, and managing research projects, will be taught. Emphasis will be placed on ethical research practices, collaboration, and teamwork, fostering effective communication and problem-solving within interdisciplinary teams. This course equips students with the skills necessary for high-quality research and significant contributions to their fields.

Target Audience:

Students of all study cycles from any discipline field.

Duration and Schedule:

- Start Date: 16th of October 2024
- End Date: 5th of March 2025
- Key Milestones:
  - Frequent testing using multiple choice questions after each lecture session (30%)
  - Student Team Work Projects (3) (30%)
  - Students' Final Conference (January 2025) (40%)

Content and Activities:

Experts in the topic will deliver all the sessions. At the end of the course, students will receive (a) a certificate of participation and (b) a certificate of accomplishment (as a micro-credential) secured by blockchain technology. The topics will be covered will be:

- How to make a Literature Review.
- How to read a scientific Journal Paper.
- How to write a story.
- How to make a Poster.
- How to prepare and deliver a presentation.
- How to convey scientific communication in public.
- How to prepare your dissertation thesis project.
- How to write your dissertation thesis project.
- How to write a journal paper.
- AI tools for scientific writing and reading.
- How to submit your work.
- Build your collaboration skills.
- Build your critical thinking skills.
- Build your resilience skills.
- The principles of open science.
- The principles of citizen science.

Technology and Platforms:

We will use Zoom for the online sessions. All the material will be stored and available through the IMPACT Project Moodle platform. Students can communicate using Padlet.

Assessment and Evaluation:

- Frequent testing completion on time**: 30%**
- Team Projects' Completion**: 30%**
- Presentation in the final Students' conference**: 40%**

Expected Outcomes:

At the end of the COIL the learner will be able to:

1. Do bibliographic research: how the tools and what to include.
2. Write a story (story teller)
3. Design a scientific poster.
4. Design and write a dissertation thesis.
5. Make an oral presentation.
6. Read and use the fundamentals to write a scientific paper.
7. Be familiar with the AI tools for scientific purposes.
8. Develop communication, collaboration, resilience, and networking skills.
9. Be familiar with the principles of open and citizen science.

Conditions:

- To register and graduate at least five students (this is not applied to companies).
- To contribute to at least one lecture session or a student team project.

Registration (as an academic)

https://forms.office.com/r/UptXJrDPqv

Registration (as a student)

https://forms.office.com/r/tEut7SZfjR