MICRO INTERNSHIP RESEARCH IN NATURAL SCIENCE

PEDAGOGICAL DESIGN: FROM INTENTION TO ACTION
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MINISTERIAL PROGRAM: GENERAL GOALS AND COMPETENCIES
- DEVELOP AUTONOMY / ATTITUDES / VALUES SOUGHT AFTER IN SCIENCE / MAKE LINKS BETWEEN SCIENCE AND SOCIETY
- APPLY SCIENTIFIC APPROACH

COMPETENCY-BASED LEARNING / PROGRAM APPROACH
- ACQUIRE AND INTEGRATE MULTI-DISCIPLINARY KNOWLEDGE
- DESCRIBE THE PROBLEM SOLVING PROCESS
- DEAL WITH NEW SITUATIONS BASED ON ACQUIRED KNOWLEDGE

GENERAL FRAMEWORK: CHOICE OF THEMES
E.G.: CELLULAR AND MOLECULAR BIOLOGY, MICROBIOLOGY, IMMUNOLOGY, GENETIC, BIOTECHNOLOGY

COURSE OUTLINE: MICROBIOLOGY: EXPERIMENTAL AND RESEARCH
- PRE- MICRO INTERNSHIP: INTRODUCTION TO E. coli O157-H7, HIV, QUORUM SENSING, MICROBIOTA, BIOFILMS...
- MICRO INTERNSHIP: 10 SUPERVISED HOURS IN A RESEARCH LAB / TEAM OF 2
- POST- INTERNSHIP: REPORT AND SUMMARY WRITING, ORAL PRESENTATION AND TERMINAL COMPETENCY EXAM