

EMHI

Executive Master's of Health
Informatics

HEALTH

INFORMATICS

PROJECT

What is the Health Informatics Project?

The health informatics project is an opportunity for work integrated learning during the executive stream Master of Health Informatics professional degree.

- A project for the course is developed in collaboration with the instructor, and with support from the student's employer.
- In certain cases, students may elect to complete their project independently of their employment setting. These projects will be delivered in collaboration with the instructor and/or mentors.

The project is worth 15% degree credits, and is delivered via a full year course. Each term, industry leaders join as guests to help students develop their ideas.

- **Fall term:** Workshops to ideate the project and its potential scope.
- **Winter term:** Workshops to evolve the scope and refine to ensure a reasonable deliverable.
- **Summer term:** Project execution. The summer schedule is adjusted to maximize project work time, with a concurrent project management class being undertaken with cross—emphasis on the project.

EMHI Project: Timeline



EMHI Project: Workplace

When executed the workplace, the project must be distinguished in several ways from the activities of the student's core role and expectations as an employee. Criteria include but are not limited to the following:

1. Approval to conduct the project is based on communication with the instructor and employer. This is secured in the Spring timeframe of the first year of study and based on a Scope of Work and Business Rationale.
2. Project is identifiable with a clear business case at outset and deliverables that time with end of summer term.
3. Deliverables are in alignment with organizational (or health system) needs and based on knowledge gained through project execution.

EMHI Project: Value

4. Deliverables are of value to the employer organization (or health system) based on the following criteria:
 - Offers useful analysis and/or viable plan for change
 - Is sustainable beyond the parameters of the academic project (if applicable)
 - Includes knowledge, best practices, tools or processes that are transferable
5. Project draws on EMHI curriculum and identifies learning from specific classes useful in the process.
 - To be reported via journal exercise in summer term.
6. Project builds competencies per learning objectives defined in collaboration with instructor and employer
 - To be completed per template and according to core EMHI competencies.

EMHI Project: Work

Note to students: The EMHI project can stem from work done day-to-day. It realistically overlaps with priorities of your role and organizational setting. It necessarily creates value for your place of employment. This value is stated in a **business case** or plan that is confirmed by your supervisor to be the project path.

Your work supervisor or project lead will:

- Confirm understanding that your project as presented in your business case or similar plan is viable and supported.
- Support learning objectives to be defined on commencement of project.
- Respond to a brief interim check-in on project progress.
- Provide an assessment at the end of the project (or end of summer term, whichever is earlier) based on guided questions on your performance and value of work contributed.

You will:

- Manage supervisor communications and relay of confirmation of approval and hours to instructor
- Account for approx. 400 hours of project work, the majority of which should be performed onsite
 - Hours are based on work conducted towards project goals and will need to be assessed with individual judgement, and in collaboration with course instructor. As part of final evaluation, supervisor will be asked to confirm that student's estimate of hours is in line with their understanding of work performed.

MHI2015Y: Health Informatics Project

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Master of Health Informatics (MHI) Program

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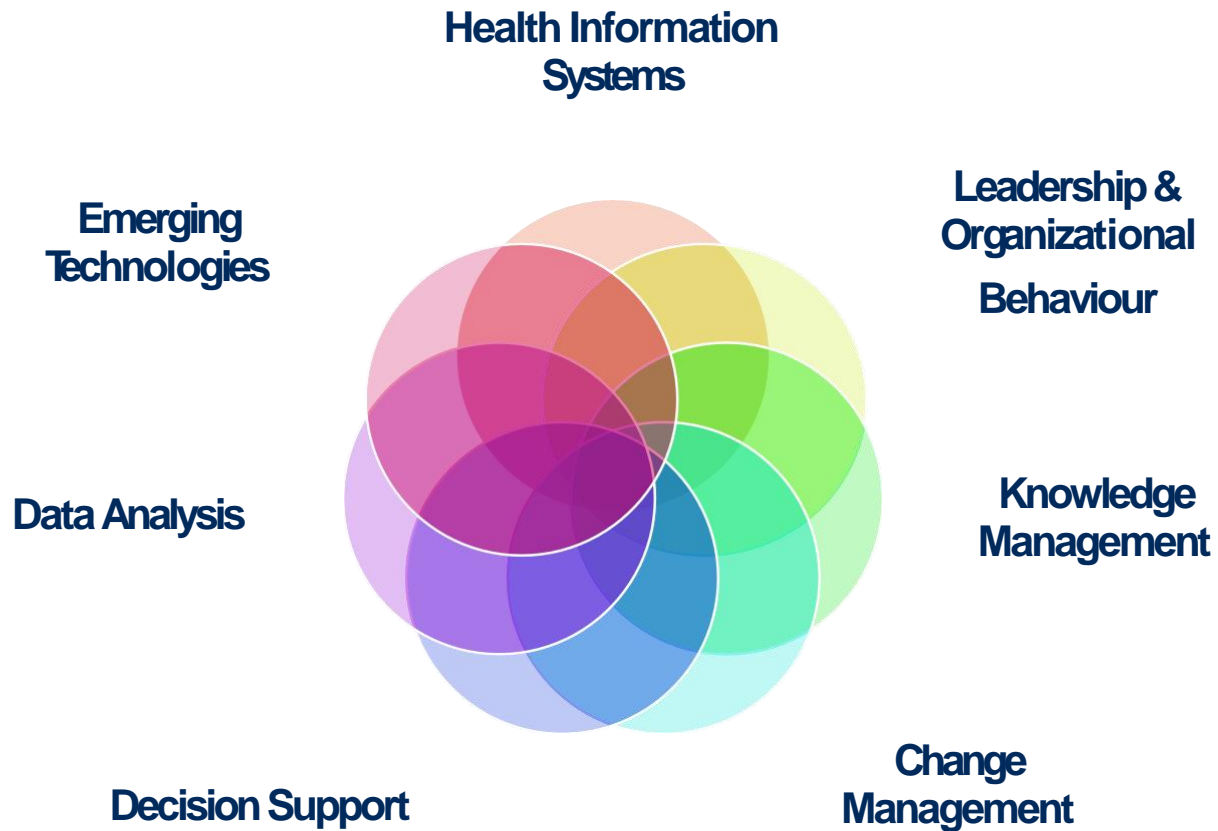
Executive Master's of Health Informatics

Students are professionals seeking to refine health informatics career direction, with credentials.

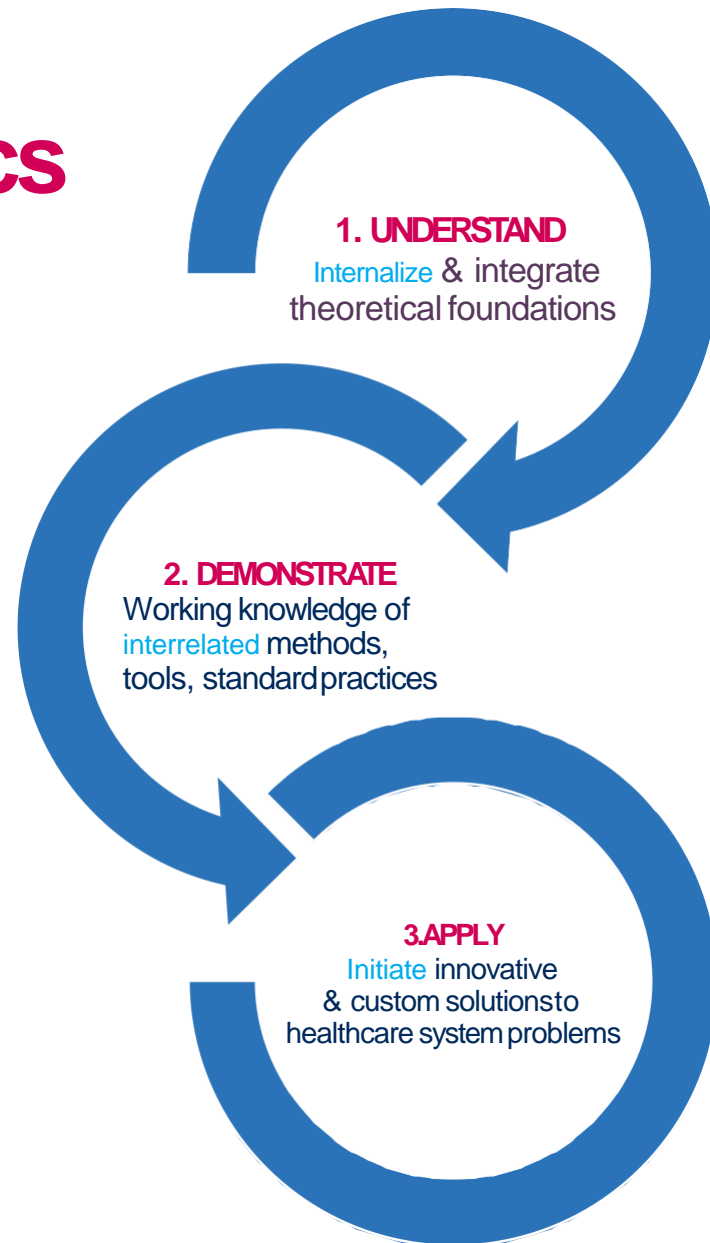
22 month program

- Modular format
- Approx. 12h classes every 3-4 weeks
- 400 hour project to be supported by student's employer

EMHI HEALTH INFORMATICS FOCUS



EMHI OBJECTIVES of Health Informatics



MHI

GRADUATE

COMPETENCIES

Knowledge of healthcare delivery policies and systems that translates to -

- Ability to facilitate information to ensure patient/consumer privacy and confidentiality, improve processes, and enhance outcomes
- Skill at contributing to developing HI infrastructure
- Ability to design and implement processes for acquiring and analyzing data
- Aptitude in evaluating the quality of health information services and systems, classification systems, technology and business systems
- Skill at analyzing data, producing information and transferring knowledge to meet needs of clinicians, managers and decision makers
- Ability to critically analyze systemic, organizational and cultural issues associated with implementation of initiatives across domains
- Skill at managing change within diverse communities
- Ability to provide leadership and articulate ideas with strong communications skills