



# Better UNI: **Platform Hub**

A practical approach to modern  
digital health education

## Programme overview

**The Platform Hub** is a semester-long, hands-on educational partnership designed to support universities in modernising digital health and health IT curricula. Embedded into existing courses, the programme combines structured learning with applied project work, enabling students to move from theoretical understanding to practical application in a clear and supported way.

Students work individually throughout the programme, applying healthcare data standards, clinical data modelling principles, and low-code development techniques to produce tangible, portfolio-ready outputs. These outputs allow students to clearly demonstrate their understanding and practical capabilities to future employers.

**The programme can be integrated into a single semester course or module,** depending on institutional needs.





# Why digital health education needs to evolve

Digital health now sits at the core of how healthcare is delivered and improved. Healthcare organisations increasingly rely on digital systems, structured clinical data, and interoperable platforms to support clinical care, research, and operations.

However, many university curricula remain heavily focused on theory, offering limited opportunities for students to apply what they learn **in practice**.



## As a result:

- Students often graduate without tangible, portfolio-ready work to demonstrate their capabilities
- Exposure to real tools, standards, and use cases used in healthcare settings is limited
- Faculty face growing pressure to modernise teaching while managing existing workload constraints



The programme addresses these challenges by embedding practical, standards-based learning **directly** into existing courses.

# Why practical digital health education matters now



## **Bridging learning and practice**

Employers increasingly seek graduates who can apply digital health knowledge in real healthcare contexts. While many students develop strong theoretical understanding, fewer leave university with demonstrable work that shows how this knowledge can be applied in practice.



## **Accelerating healthcare digital transformation**

Healthcare organisations continue to invest in digital systems, interoperability, and data-driven workflows. There is growing demand for professionals who understand how digital health technologies fit into clinical and organisational settings.



## **Strengthening academic positioning**

Universities that update digital health curricula within the next 12 to 24 months are better positioned to attract strong applicants, support graduate employment outcomes, and build a reputation for delivering education that reflects real-world digital health practice.

# Programme content

This programme is designed to give students practical, real-world experience in digital health innovation, combining structured learning with hands-on project work using industry-grade tools.



The programme includes:

- **Access to Hive e-learning content, community, and expert guidance**  
Students gain access to curated video learning materials, an active community, and ongoing support from our experts.
- **Ready-made teaching materials for professors**  
Lecturers receive pre-prepared course materials, including slide decks, practical exercises, project briefs, and assessment guidance, making it easy to integrate the programme into existing curricula with minimal preparation effort.
- **Structured project templates and step-by-step guidance**  
Clearly defined templates and guided workflows help students move confidently from concept to execution.
- **Access to Better Platform for individual student project work**  
Each student can use Better Platform to design, build, and iterate on their own digital health projects in a low-code environment.
- **Guest sessions and real-world use case walkthroughs**  
Our experts would join live sessions to share practical insights through guest lectures and live demonstrations of real healthcare use cases.
- **Semester-based educational collaboration and support**  
The programme aligns with academic semesters and includes ongoing collaboration, mentoring, and structured support throughout the course.

# Student journey

All work is individual-based and completed within a single semester. The programme follows a clear, individual-based learning journey delivered within one semester:

1

## **Learn fundamentals**

Students develop an understanding of core digital health concepts, healthcare data standards, and interoperability through structured learning content.

2

## **Explore real-world use cases**

Practical healthcare scenarios illustrate how digital health systems and standards are applied in real settings.

3

## **Build with the Better Platform**

Students apply what they learn through hands-on work using the Better Platform to create individual digital health applications and prototypes.

4

## **Deliver a portfolio-ready project**

Each student completes a tangible output that can be presented, explained, and demonstrated beyond the classroom.

# Two-layer learning model

Built on a two-layer learning model that **connects theory directly with practice**. What students learn is directly applied in what they build.



## Learning layer

Structured learning content on Hive provides foundational knowledge, context, and guidance, ensuring that standards and concepts are taught in a way that reflects real-world use.



## Building layer

Hands-on project work using the Better Platform allows students to immediately apply what they learn, reinforcing understanding through practical execution.



# Programme benefits

## **Build confidence by doing**

Students work with real digital health tools rather than simulations, gaining confidence through practical application and completing real projects that demonstrate understanding.

## **Teach practice without additional burden**

Faculty are supported with clear structure, materials, and tooling, enabling hands-on teaching without the need to redesign courses or manage complex platforms.

## **Show real curriculum impact**

Universities can demonstrate modern, industry-aligned education, strengthen employability narratives, and differentiate programmes through visible, practice-based learning.

# Curriculum overview

The curriculum is designed to provide students with **a structured progression** from foundational concepts to applied, hands-on practice in digital health.

Combining healthcare data standards, clinical data modelling, and low-code application development, the programme enables students to **translate theoretical understanding into demonstrable, practical outputs**.

All courses are designed to support individual-based learning and can be integrated into a single semester course or module, depending on institutional needs.

The following **core courses** are included as part of the programme:

## CORE COURSES

- Clinical data modelling  
**Foundations**
- Clinical data modelling  
**Applied use-cases**
- Healthcare data standards
- Low-code in healthcare  
**Foundations**
- Low-code in healthcare  
**Advanced**

Together, these courses form a **coherent curriculum** that introduces healthcare data standards and clinical modelling fundamentals and enables students to produce individual, portfolio-ready outputs demonstrating applied digital health competence.

In addition, we have optional courses for more **advanced learning**. The addition of these courses is at the University's discretion. Better would be glad to support the learning process with each of them should the faculty decide to include them in the curriculum.

## ADVANCED COURSES

- **Archetype Query Language**  
AQL
- **Integrations and APIs**
- **Clinical data modelling**  
advanced applications
- **BDS – Healthcare design system**  
for designers and for developers
- **Low-code in healthcare** (ready in 2026)  
clinical dashboards

We will always **notify** you of additions to the course library so you can update your curriculum.



COURSE 1

# Healthcare data standards

Course description

This course introduces healthcare data standards as the foundation of modern, interoperable digital health systems. Students explore how clinical data is structured, exchanged, and reused across healthcare organisations, and why standards are essential for patient-centric, data-driven care.

Educational focus

Establishes a foundational understanding of the healthcare standards ecosystem, enabling students to reason about interoperability, system design, and data reuse before progressing to clinical data modelling and application development.



OPENEHR VS FHIR

## Key differences

| Feature / Capability | openEHR                                           | FHIR                                              |
|----------------------|---------------------------------------------------|---------------------------------------------------|
| Modelling approach   | Archetypes + templates (maximum dataset)          | Resources + profiles (minimal)                    |
| Primary purpose      | Clinical data persistence                         | Clinical data exchange                            |
| Data structure       | Stable, semantically rich, extensible             | Simple, flexible, web-friendly                    |
| Versioning           | Rarely changes, backward compatible               | Rapid changes, version fragmentation              |
| Interoperability     | Encourages consistent, computable data            | Needs adaptation across different implementations |
| Machine burden       | Efficient querying with AQL                       | Requires transformation, heavier on servers       |
| Use case fit         | Longitudinal health records, semantic consistency | Fast data sharing, lightweight integration        |



## Learning outcomes

By the end of this course, students will be able to:

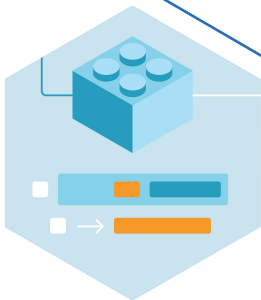
- **Explain** why healthcare data standards are critical for interoperability, data quality, and long-term reuse of clinical information
- **Identify** key challenges in healthcare data management, including fragmented systems, vendor lock-in, and inconsistent data models
- **Distinguish** between different types of healthcare standards, including terminology, data exchange, and data persistence standards
- **Describe** the purpose and role of major standards such as openEHR, HL7 FHIR, SNOMED CT, ICD, LOINC, DICOM, and IHE
- **Explain** how multiple standards are combined within real clinical and technical workflows
- **Assess** the strengths and trade-offs of different standards and identify appropriate use cases for each
- **Understand** how standards-based architectures support patient-centric care, analytics, and innovation



**Katarina Simanić**  
Product specialist,  
*Better*

## Course 1 educator

Katarina is a Healthcare IT Specialist at Better who bridges clinical practice and technology using her nursing and IT background. She simplifies complex interoperability standards like openEHR and FHIR for international digital health projects.



## COURSE 2

# Clinical data modelling

## FOUNDATIONS

### Course description

The course provides a comprehensive introduction to clinical data modelling using the openEHR standard. Students learn how structured clinical data is designed, represented, and managed to support interoperability and reuse across healthcare systems. The course introduces key openEHR concepts and tools used in professional healthcare environments.

### Educational focus

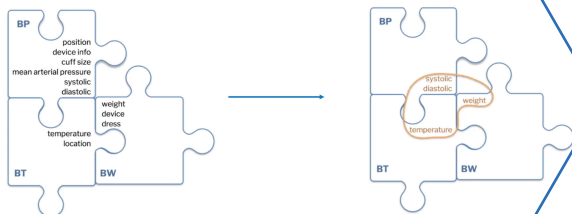
Establishes a strong conceptual foundation in standards-based clinical data modelling, preparing students for applied modelling work.



OPENEHR KEY ELEMENTS

### Template

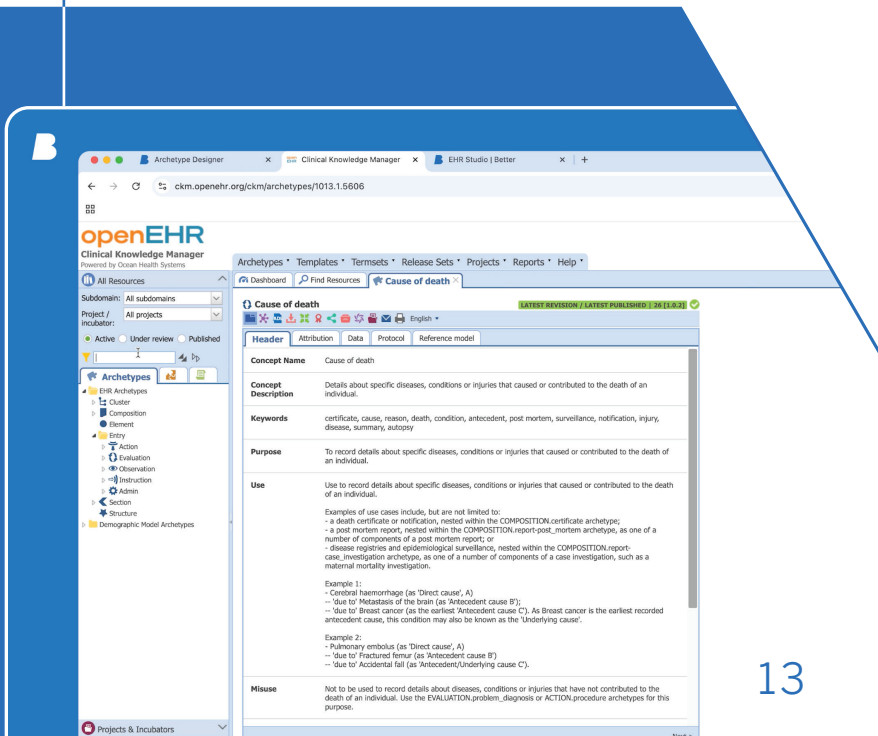
- A collection of one or more archetypes
- Archetype – **maximal data set** vs Template – **designed for a specific use-case**
- Maximum data set is reduced to a 'clinically relevant' data set



# Learning outcomes

By the end of this course, students will be able to:

- **Understand** the principles of clinical data modelling and its role in healthcare interoperability
- **Explain** the purpose and structure of archetypes and templates
- **Create and refine** archetypes using Archetype Designer
- **Explore** the Clinical Knowledge Manager (CKM) and understand its role in managing archetypes and templates
- **Understand** how openEHR templates are used to structure and organise clinical data





## COURSE 3

# Clinical data modelling

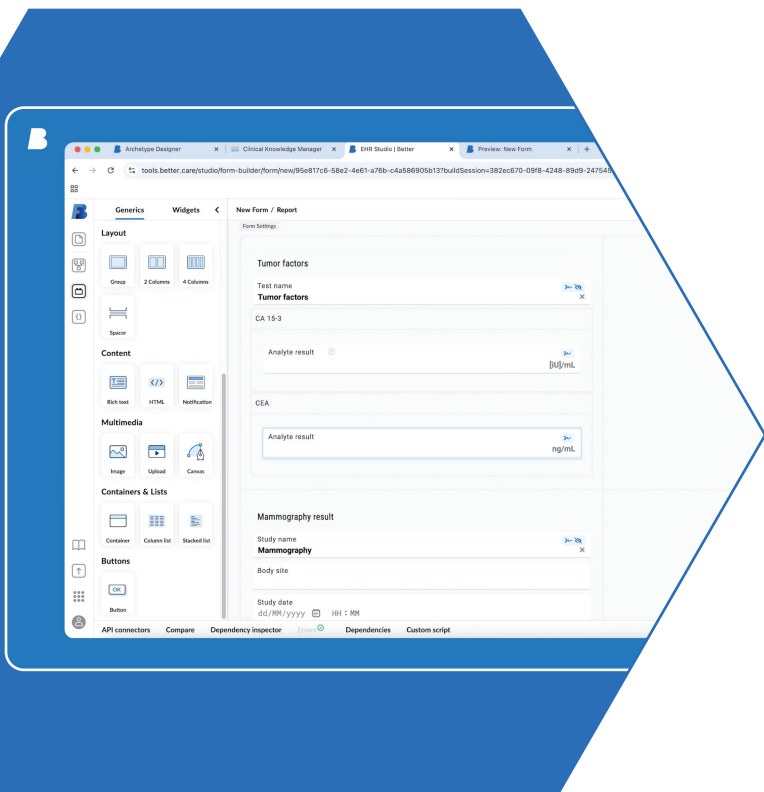
## APPLIED USE-CASES

### Course description

A practice-oriented course focuses on applying openEHR modelling principles to real-world clinical scenarios. Students work with practical case studies to design, develop, and refine clinical templates using professional modelling tools and workflows. The course emphasises applied learning, collaboration, and best practices in clinical data modelling.

### Educational focus

The course bridges theory and practice, helping students understand how clinical data models are created and used in real healthcare settings.



## Learning outcomes

By the end of this course, students will be able to:

- **Apply openEHR modelling principles** to real-world clinical use cases
- **Use modelling tools** and the Clinical Knowledge Manager (CKM) in practice
- **Build and refine templates** based on realistic healthcare scenarios
- **Work with example case studies** such as screening assessment forms and family history data
- **Structure clinical data** to support standardisation and interoperability
- **Apply best practices** for creating reusable and scalable clinical models



**Andela Marjanović**  
Clinical data modeller,  
*Better*

## Course 2 & 3 educator

Andela is a medical professional trained at the University Clinical Centre of Ljubljana. She is openEHR certified and works on the development of health IT solutions at Better, with a focus on clinical data modelling.

Her clinical background helps her bridge the gap between medical practice and health information technology.

## COURSE 4

# Low-code in healthcare

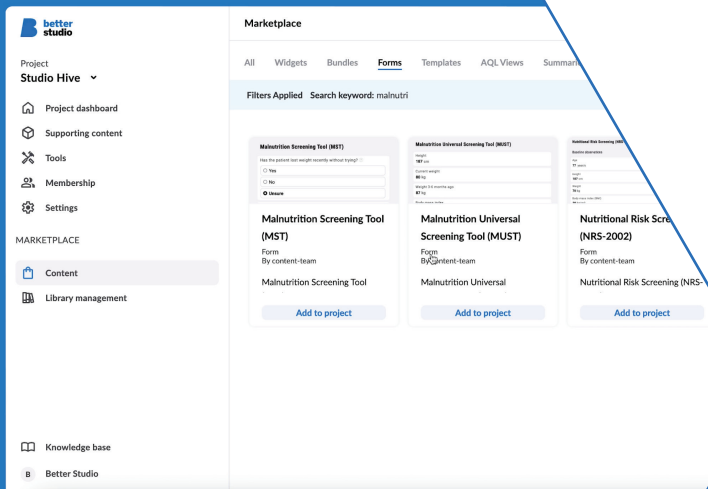
## FOUNDATIONS

### Course description

Introduces students to low-code development in a healthcare context using the Better Platform. The focus is on enabling students to quickly transform an idea into a simple, working digital health application without writing code. Through guided, step-by-step activities, students gain confidence using the platform and learn how digital health applications are structured, built, and tested in practice.

### Educational focus

The course focuses on accessibility and early success, ensuring students can quickly see tangible results while learning core concepts of digital health application design.

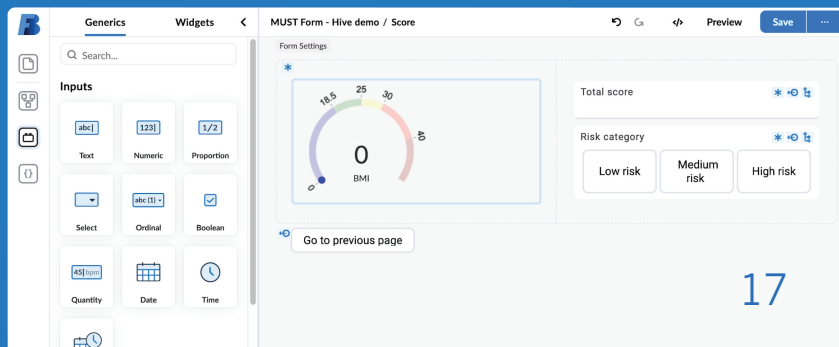


## Learning outcomes

By the end of this course, students will be able to:

- **Create and organise** a project within the Better Platform
- **Build** a simple healthcare application interface using pre-configured building blocks
- **Add** multiple pages and basic navigation to create a coherent user experience
- **Use starter materials** such as pre-built forms and examples to accelerate development
- **Introduce interactivity** so applications respond appropriately to user input
- **Enhance applications** with basic visual elements such as charts and components
- **Preview and test applications** instantly without local installation
- **Configure applications** for multilingual use where required

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## COURSE 5

# Low-code in healthcare

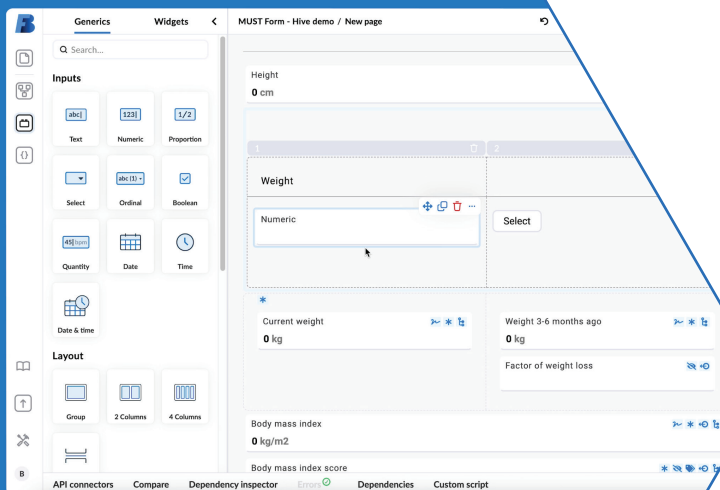
## ADVANCED

### Course description

Builds on the foundational low-code module and introduces more advanced capabilities of the Better Platform. Students learn how to work with structured queries, external integrations, and dynamic application logic to create more sophisticated digital health applications. Emphasis is placed on understanding how real-world digital health systems manage data, logic, and integration.

### Educational focus

The course deepens students' technical understanding while remaining within a guided, low-code environment suitable for learners without extensive programming backgrounds.





## Learning outcomes

By the end of this course, students will be able to:

- **Use the AQL builder** to query structured clinical data
- **Create and apply summaries**, and understand when they are useful
- **Work with scripting concepts** to support more advanced application behaviour
- **Understand what APIs are** and how they are used in digital health systems
- **Configure and use the API Connector** to integrate external and internal services
- **Use** external, internal, and AQL variables effectively
- **Apply advanced logic** to improve application functionality and flexibility



**Luka Stjepčević**  
Quality Assurance  
Specialist, *Better*

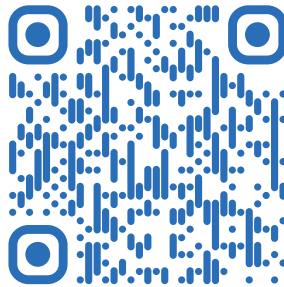
## Course 4 & 5 educator

Luka is part of the Better Studio team, with a background in development and quality assurance. He works closely with Studio every day, which gives him deep knowledge of how the product works and how to get the most out of it. He also leads product workshops and contributes to customer support and technical writing.



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