Minor scheme - 2021-2022

1. Name minor: "MADE for Allied Healthcare"

2. English name: "MADE for Allied Healthcare"

3. Content of the minor

Technology is playing an increasingly important role in healthcare. It is therefore extremely important that the professional of tomorrow is technology skilled in several ways. Challenges in this regard lie in various areas, such as the development of (healthcare) technology, the evaluation and validation of existing technologies and the implementation of technology in the workplace.

To prepare the student for this variety of challenges, the minor education applies a number of core values: project-based, applied and self-directed learning, the student as a young professional and future-proofing in dealing with technology.

In practice, these values are shaped by teaching around multidisciplinary learning communities, in which collaboration takes place not only between students, but also between students, teachers and (external) clients. Exploratory and experiential learning environments and short, changing projects give students the opportunity to discover their own talents. Formative assessments and reflection are an essential part of the learning process.

During the minor, the student works towards the following learning outcomes:

- 1. The student has developed, on his own initiative, as a starting professional with thorough insights into the value of healthcare technology, enriching his own discipline.
- 2. The student understands the added value and the principles of design thinking, and can apply these to formulate and complete a design challenge.
- 3. The student advises on an effective, sensible and safe implementation of a specific technology in a paramedical setting in congruence with the needs of the end users.
- 4. The student has insight in the applicability of a diversity of technologies supporting healthcare in the context of rehabilitation (i.e. prevention, diagnosis, interventions, evaluation) as well as is being able to validate measurement instruments for its function and added value.

Summary for diploma supplement ENGLISH:

Technology plays an increasingly important role in health care. It is therefore extremely important that 'professionals of tomorrow' know their way around technology in various ways. The professional will face various challenges in the field related to technology, and the development of the technology will continue to evolve. The professional is able to meet and solve the following challenges: the development of technology in health care, the evaluation and validation of existing technologies and the implementation of technology in the workplace.

4. Overview of educational activities of the minor (see article 16 general part of the OER)

Within the minor MADE, the student is introduced to technology in healthcare. The student goes through 4 modules: design thinking, technology implementation, TESSI project (Technology: Effective, Safe and Sensible Implementation) and technology in practice.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Why?	1. Design thinking				1. Technology			1. TESSI project: discover, define,								Testing			
	2. Implementation of				in practice			develop, deliver											
	technology				2. Validation			2. Implementation plan											

Guided / less guided / self-regulating

The study load is divided over the various educational activities. There are various working methods such as self-study assignments, lectures, tutorials, inspiration sessions and projects. These are bundled in modules and offered via Canvas. Check-in, check-up and check-out are scheduled daily. During these meetings, information and guidelines will be offered to support students in their learning process.

5. Registration for educational activities minor

N.a.

6. Testing the minor and registering for tests (articles 18 and 22 general part OER)

The student is automatically registered for the tests at the start of the teaching period. The student is also informed via this system when these tests take place.

The group products are assessed on the basis of the 4-eyes policy.

Test	Assessment form	Individual / group					
Portfolio	Portfolio assessment	Individually					
Group products	Report	Group					

7. Minor completion (see article 19, paragraph 3, general part of the OER)

Each product is assessed using a rubric, which can be found in the digital learning environment. The rubric is divided into several performance indicators. These indicators have a scoring of 0-3 points (3=good, 2=sufficient 1= developing and 0=insufficient). Based on the weighting per indicator, the student is assigned points. In total, the student can obtain 300 points. The student has completed the minor if a total of 150 points and at least score 1 (=developing) on all indicators are obtained. By fulfilling this requirement, the student has shown that he/she has sufficiently mastered the learning outcomes with the corresponding performance indicators.

8. Examination Board (article 38 general part OER)

The Examination Board of Fontys Paramedische Hogeschool is authorized to judge requests from students with regard to testing in the minor. The FPH Examination Board can be reached viahttps://connect.fontys.nl/instituten/fph/excie/Paginas/default.aspx. The composition of the Examination Board can be found on the website:https://fontys.nl/Over-Fontys/Regelingen-statuten-en-reglementen/Onderwijs-en-examenregeling-OER/Fontys-Paramedische-Hogeschool.htm. Requests can be addressed to Mr. Lambert Baken, chair of the FPH Examination Board, can be reached via the e-mail address:Board of ExaminersFPH@fontys.nl

9. Validity

This information applies to the academic year 2021-2022.

Explanation: interim changes to a minor are possible, provided they are clearly communicated to students and are also included in the minor regulations.

10. Minor entry requirements

To be able to participate in the minor, the student must have passed the propaedeutic phase or have permission from the Board of Examiners of his study program to take the minor.

11. Not accessible to:

N/A

Students are not subject to any requirements for participation and completion of the minor other than those specified in the minor regulations detailed here.