



# MedTech-Based Entrepreneurship



The MedTech-Based Entrepreneurship (MTBE) minor provides insights into the process of technology-based new venture creation from both a theoretical and practical point of view.

The minor is open to all third-year bachelor students (non-selection minor) and is designed to provide students with an understanding of the process of technology-based new venture creation from both a theoretical and practical point of view

The program comprises several courses that aim to provide essential entrepreneurship knowledge and skills within the context of medical technology or product.

The Delft Centre offers MTBE for Entrepreneurship (DCE) in collaboration with Industrial Design Faculty (Applied Ergonomics and Design-Medical Design Group), TPM (Department of Safety and Security)

Each minor module highlights part of the entrepreneurial process and explicitly addresses the medical context. To illustrate, students develop their product in the medical design course, work on their fictional business's finance in the finance course and develop a marketing plan in the marketing course, and make a business plan and a business pitch in the integration course.

The integration project course further focuses on building capacity for discovering and evaluating entrepreneurial opportunities through a fictional start-up project and team building.

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*“The hands-on approach is powerful. You become acquainted with all facets of entrepreneurship.”*

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## Learning Objectives

At the end of the minor, students have acquired basic knowledge of innovation and the entrepreneurial process within a medical context, the design process, the requirements for certification and standardisation of medical products, healthcare financing, start-up financing, fundraising strategies, financial management of a company, and marketing & sales of a medical product.

## Why MedTech?

MedTech is a relevant fast-growing sector with a major impact. The world will need an untold number of healthcare solutions on many levels in the near future. Moreover, when we consider the pressure on healthcare from Covid-19, we see how various areas of medicine need to work much more efficiently. Think about sharing medical records, authentication of data and the potential of online and AI medical consultations!

## Courses of the minor program

### First quarter

- Introduction to MedTech Entrepreneurship (2 ECTS)
- Essentials of Entrepreneurship (4 ECTS)
- Health System Management Part 1 (3 ECTS)
- Medical Design Part 1 (2 ECTS)
- Integration Project Part 1 (4 ECTS)

### Second quarter

- Health System Management Part 2 (2 ECTS)
- Medical Design Part 2 (2 ECTS)
- Marketing for Start-ups (3 ECTS)
- Finance for Entrepreneurs (4 ECTS)
- Integration Project Part 2 (4 ECTS)

## For whom?

This minor is intended for enterprising bachelor students from all faculties within TU Delft, as well as for external students from Erasmus University Rotterdam and Leiden University.

## How can I enroll?

This is a non-selection minor. For further details of the registration procedures and deadlines please check: [tudelft.nl/minors](https://tudelft.nl/minors).



## Minor coordinator

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## More information?

[tudelft.nl/tbm/medtech](https://tudelft.nl/tbm/medtech)

