



QUALIFIED MEDICAL ENGINEER

Management Summary

TWO YEAR POST-MASTER DESIGNER PROGRAM

TU/e

EINDHOVEN
UNIVERSITY OF
TECHNOLOGY

Qualified Medical Engineer (QME)

Designing safe and efficient implementation of medical technology in clinical practice

Post-master designer program, supplied by TU/e School of Medical Physics and Engineering (SMPE/e)

End terms:	A post-academically trained professional on: <ul style="list-style-type: none">• improvement of clinical care through the introduction of new and existing technology• improvement of the use of medical technology in daily clinical care
Set up:	“healthcare-based, university managed”
Duration:	2 years
Target group:	Academic professionals, such as (biomedical) engineers [MSc and similar]

Financials

Employer:	1.0 FTE appointment (for minimal two years) at the company (or at the university/healthcare institute, depending on the funding).
Training costs for employer:	€ 5,000 per trainings year
Training costs for university:	€ 50,000

Selection of candidates

Candidates are selected in a joint procedure, where the fitness for the design project and the designer program are established. The final selection is performed by the employer.
Present employees can also enter the program, but first have to be admitted to the program.

Overall structure of the program

Supervision:	By employer and university, as well as involved healthcare institute(s)
Courses and workshops:	Approx. 800 hours
Projects:	Several projects: <ul style="list-style-type: none">• including one major design project (approx. 1,600 hours)• external project (approx. 400 hours) in other organization (for instance the involved healthcare institute(s))
Total time:	2 years