

Digital Medicine

a Postgraduate Program by

Prof. Oliver Kimberger and Prof. Georg Dorffner

Agenda

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 - Team
 - Medical University Vienna
 - External Lecturers
- The master program
 - Facts
 - Qualification Profile
 - Curriculum
- Application process
- Q & A

Introduction

Team



Prof. Oliver Kimberger
Program Director



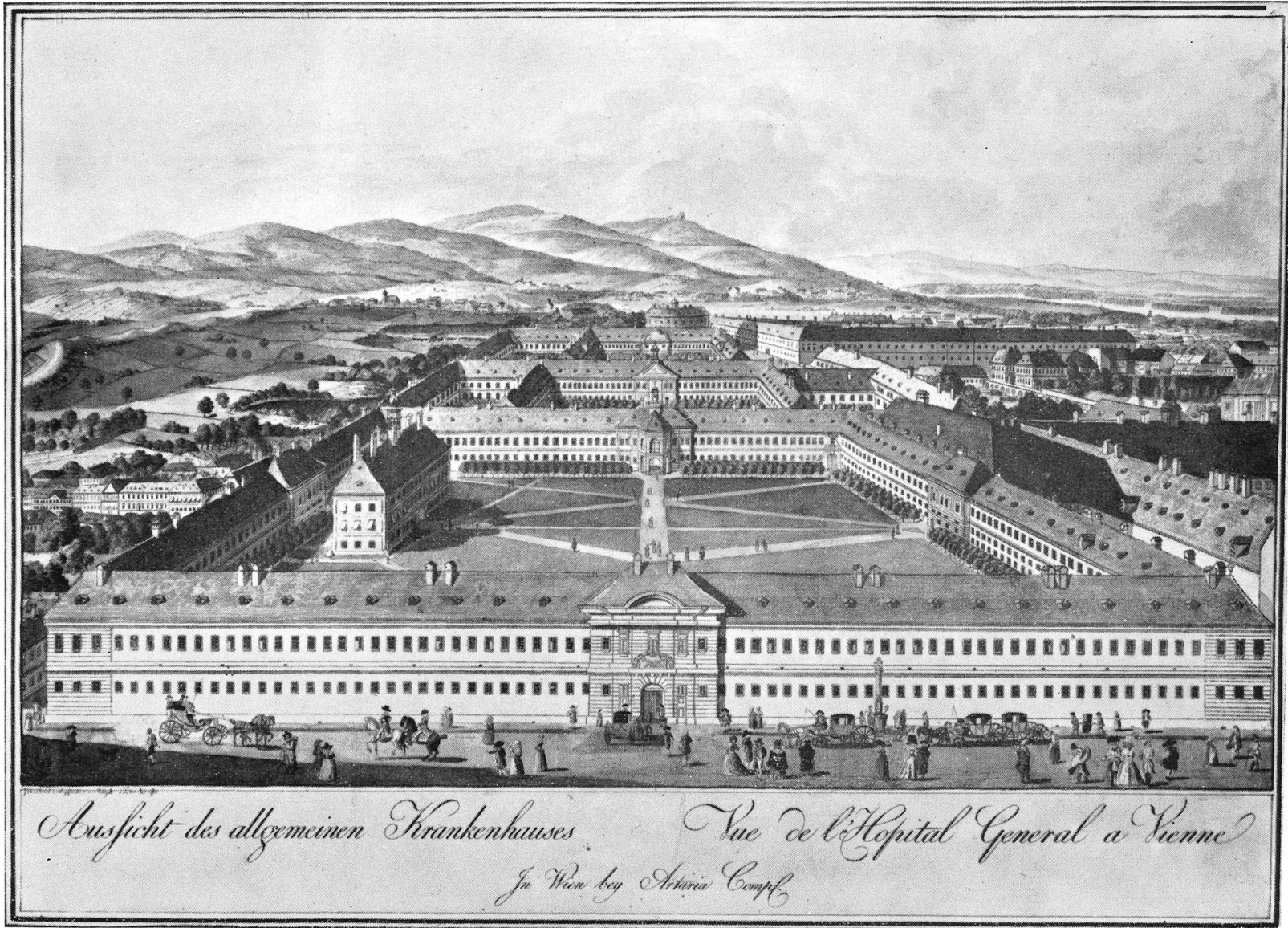
Prof. Georg Dorffner
Co-Program Director



Tanja Schön, MSc
Organizational Lead



Marija Markovic
Deputy Organizational
Lead



Ausicht des allgemeinen Krankenhauses *Vue de l'Hopital General a Vienne*
In Wien bey Antonio Compt



Medical University of Vienna

- currently the largest medical training centre in the German-speaking countries
- one of Europe's leading research establishments in the biomedical sector
- almost 8,600 students
- more than 6,500 employees
- one of the major centers for post-graduate education in the global education market
- the university supports the principle of “Life-Long-Learning“

NEWS



Source: <https://rankings.newsweek.com/worlds-best-hospitals-2026>

External Lecturers

- Technical University Vienna
- Austrian Institute of Technology
- General Hospital Vienna (AKH)
- Technical University of Munich
- Other Experts



HENDLING

Master Program

Facts



Next start:
October 2026



Duration:
4 Semester



Language:
English

ECTS

ECTS:
120



Degree:
MSc (CE)



Registration:
7th July – 5th Sept.



Costs:
15.000€

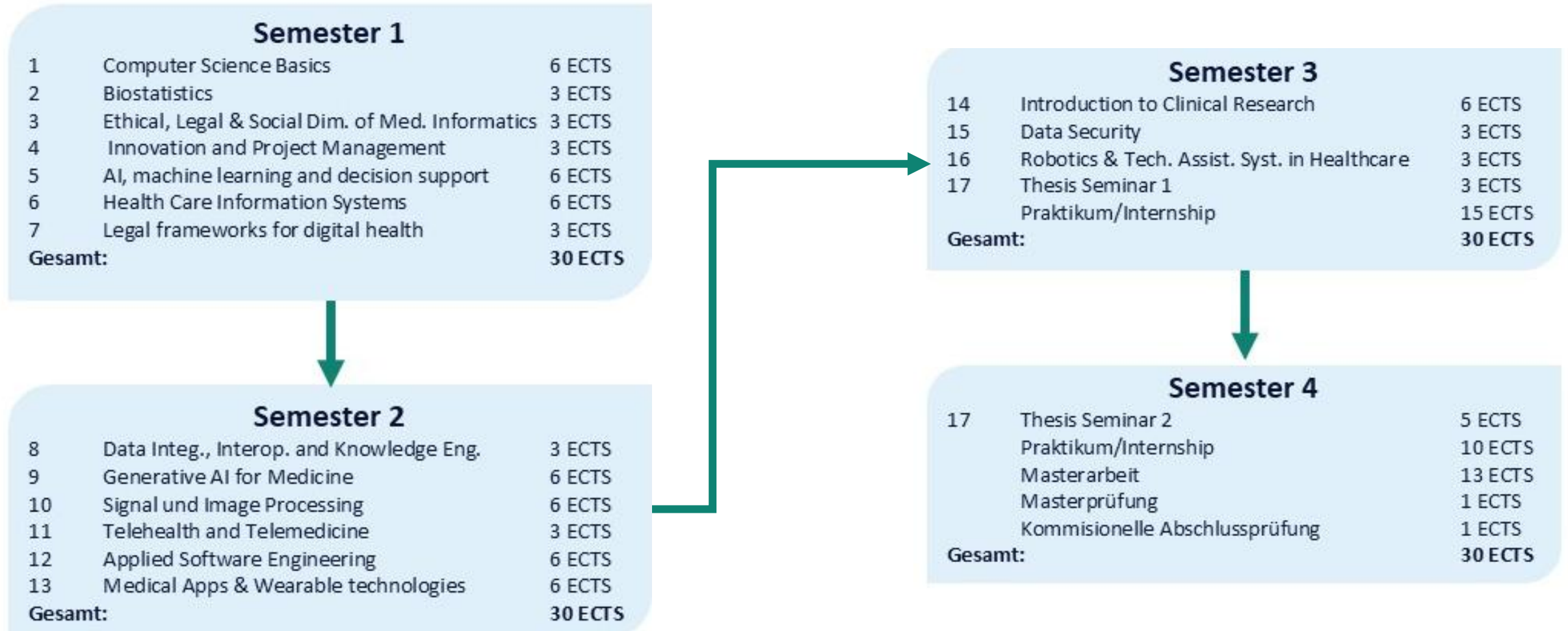


only online classes

Qualification Profile

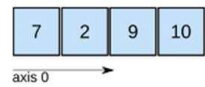
- Digital medical consultation or patient care
- Health data management
- Clinical research in the digital age
- Foundation of digital health startups
- Management of IT projects in healthcare
- Consulting on medical software and technologies
- etc.

Curriculum



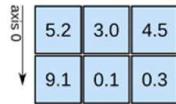
Content Spotlight 1: From simple *data structures* to *data bases* to *information systems*

1D array



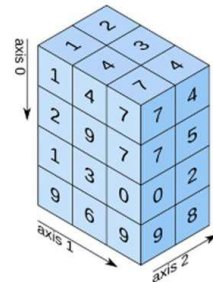
shape: (4,)

2D array



shape: (2, 3)

3D array



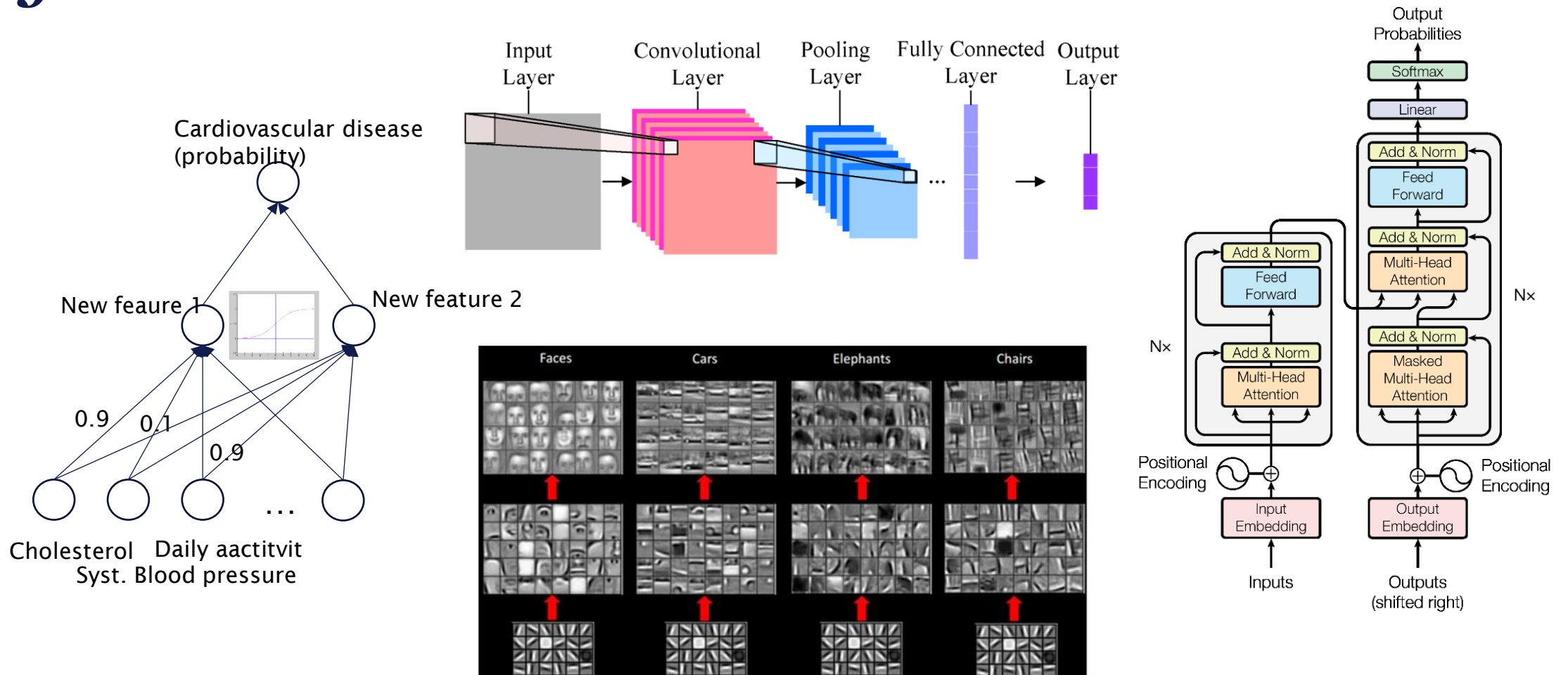
shape: (4, 3, 2)

id	name	firstname	dob	gender	ssnbr
1	Doe	Jane	1981-01-01	f	
2	Mustermann	Max	1990-12-31	m	
3	Janssen	Jan	1972-10-10	m	
4	Dupont	Jean	1985-09-01	f	

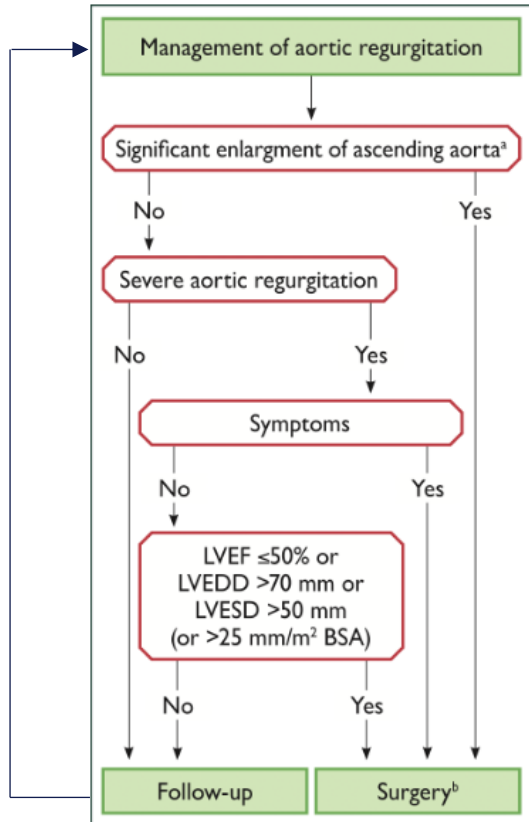
id	Name	icd10	details
1	NIDDM2	E11.9	Some details
2	Hypertension	I63.9	text here ...
3	Myocard. Infarction	I21.0

pat_id	disease_id	diagnose_date
1	1	2019-12-11
1	3	2020-05-20
2	2	2005-08-10
...		

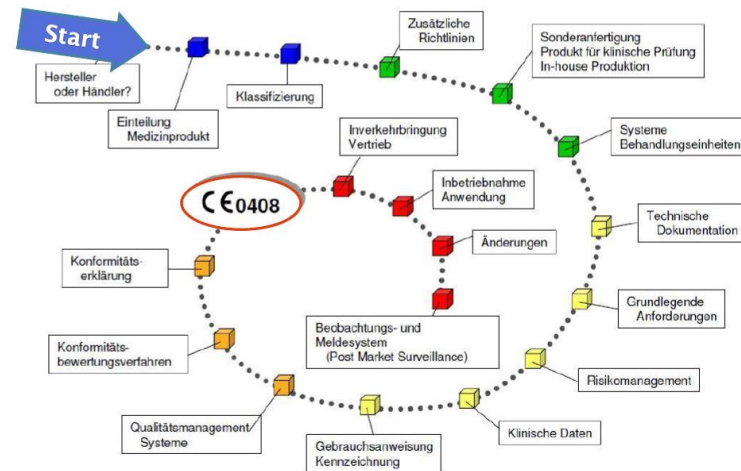
Content spotlight 2: From *simple machine learning* to *deep learning* to *generative AI*



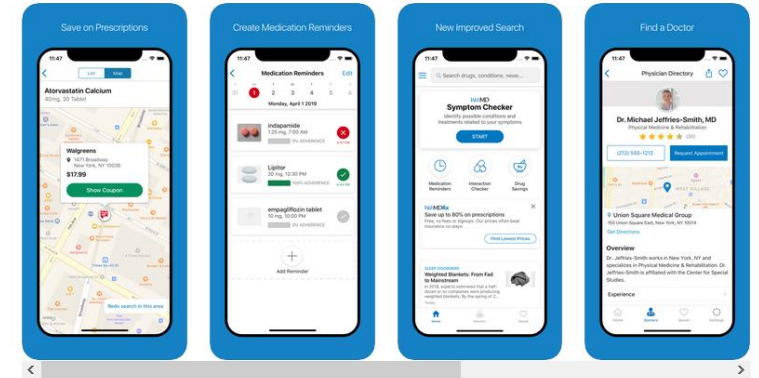
Content spotlight 3: From *programming* to *software engineering* to apps as *medical devices*



The road to CE marking



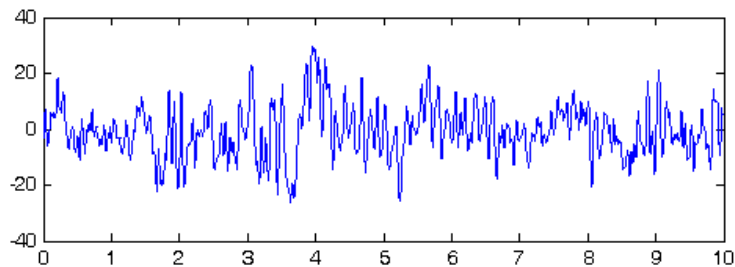
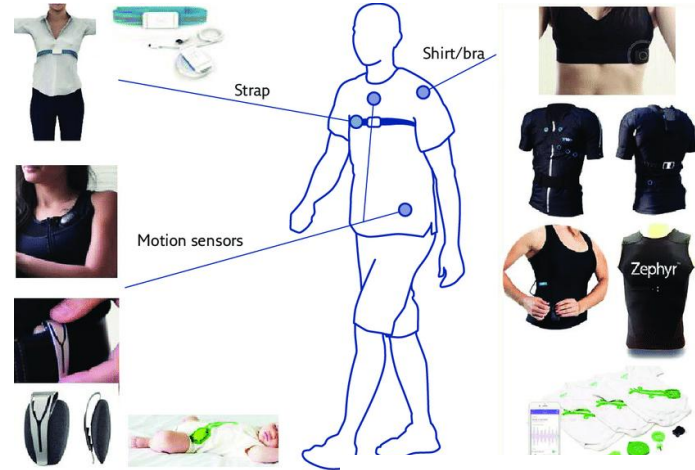
Quelle: TÜV Austria



From WebMD, the one healthcare app you need to check symptoms; learn about conditions and drugs; research treatments and diagnoses; find doctors and specialists in your area; get Rx discounts available at your local pharmacy; and set medication reminders.

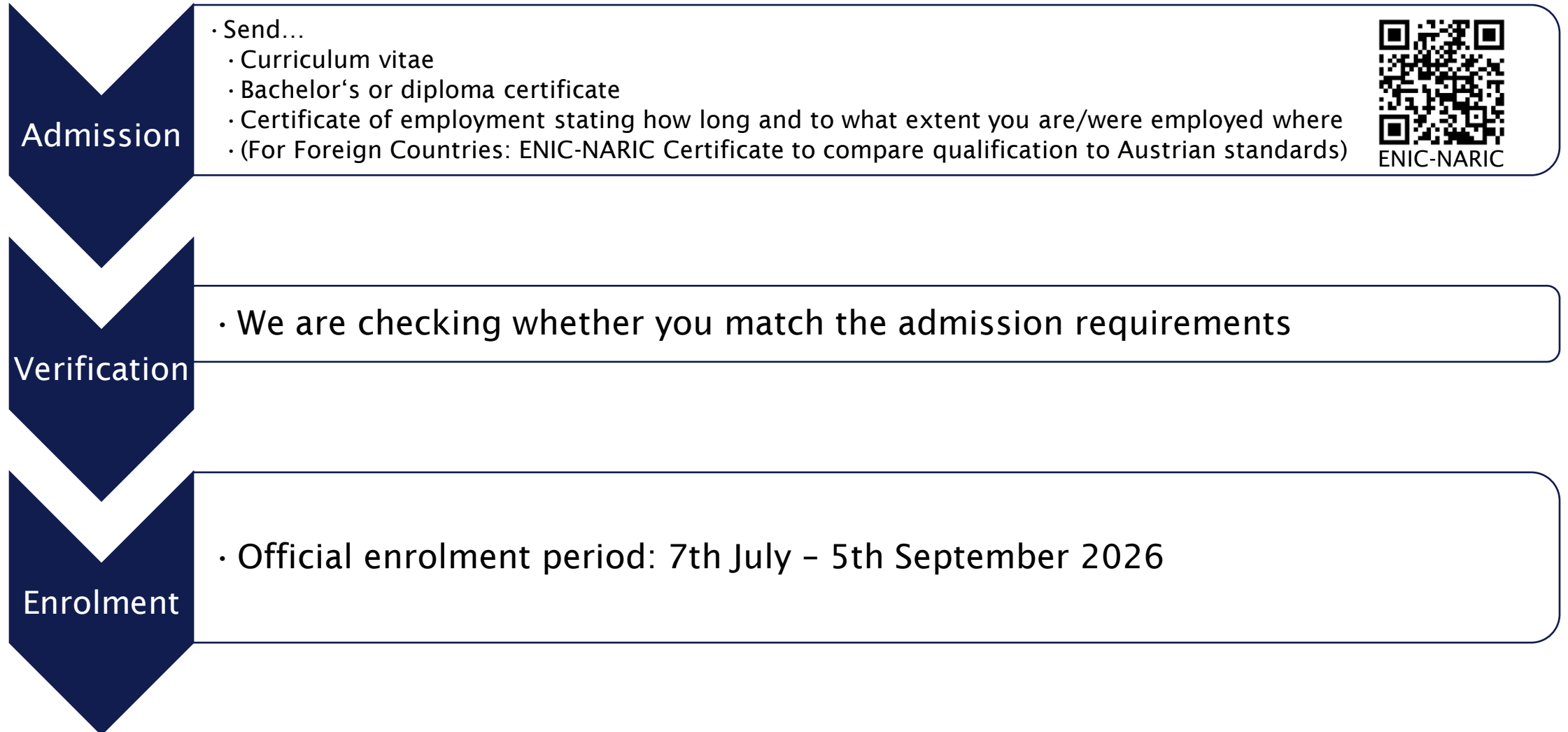
more

Content spotlight 4: From *signals and images* to *wearables* to *robotics*

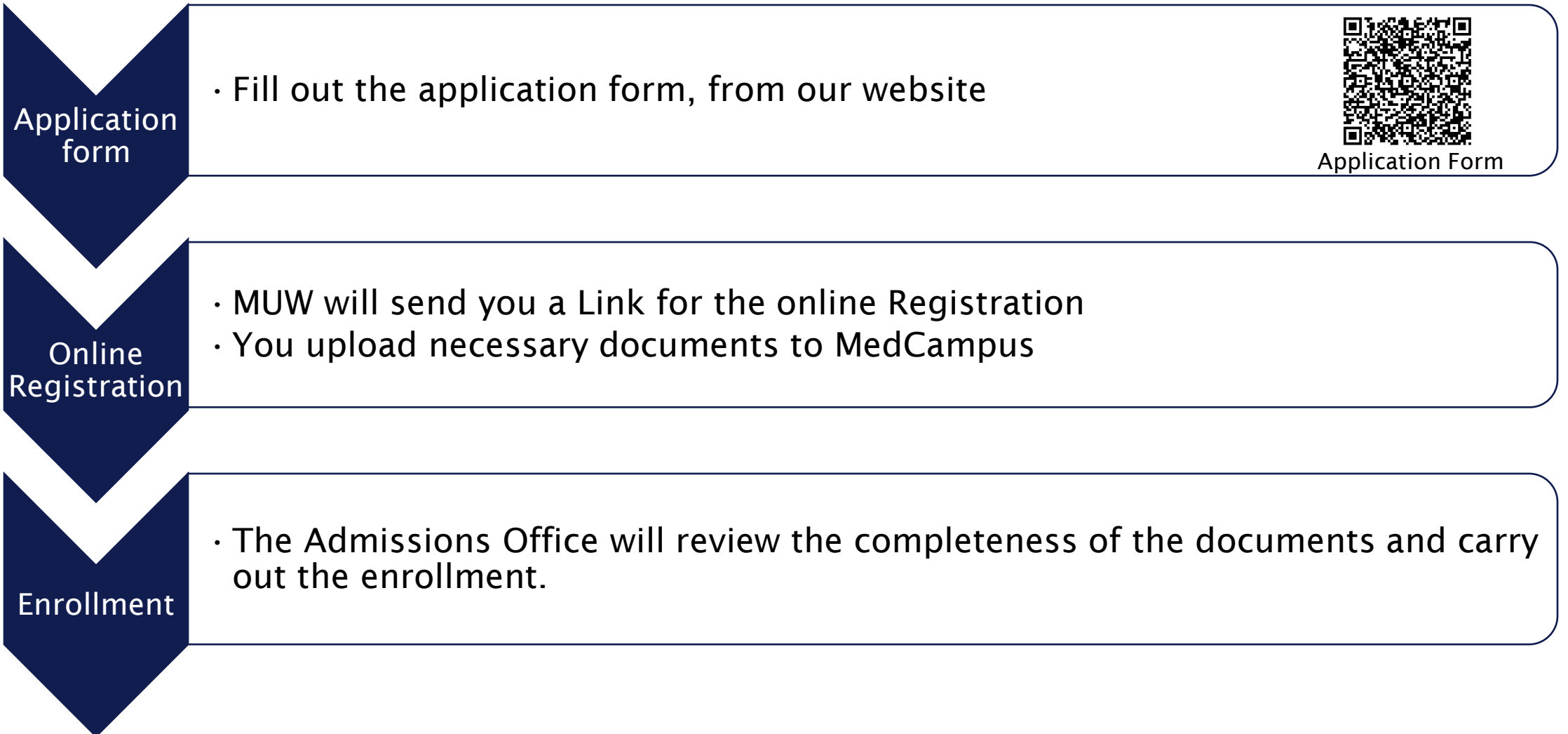


Application Process

Application 1/2



Application 2/2



Visa / Residence Permit in Austria

- Visa: temporary stay of about 90d within 180d
- Residence permit: if you want to stay longer than 6 months
- Apply before coming to Austria



BMEIA – Entrance and
Residence in Austria



Federal Government's Official
Information Website on
Migration to Austria



Settlement in Austria

Funding and Financing

- Various options, please check out the link →
- We are unable to provide any further information, as we are not responsible for the funding
- Please note that funding cannot be guaranteed. We kindly ask you to verify independently whether you are eligible.
- Our ULG is listed on the WAFF → [check it out](#)



[MUW Info Page](#)



WAFF

Questions?

You can also use the chat!

Thank you for attending!

We hope to welcome you soon to the program.