Bridging Gaps in Education – Engineers and Clinicians Study Together

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Bridging Gaps in Education

Engineers - Clinicians

ETH

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MDs Study at the Technical Institute

Swiss Federal Institute of Technology Zürich:
- BSc in Human Medicine
- Special emphasis on medical engineering
- Greater focus on mathematics in the first semesters
- In order to practice medicine, a master’s degree from a partnering university and licensing are mandatory
Occupational Therapists and Engineers Study Together

Zürich University of Applied Sciences:
• BSc degree
• STEM approach to therapist teaching
• Hands on activities
• Collaborative projects
• Programming in therapist education
• Visits to clinics using technology and manufacturers
Health Experts and Engineers Study Together

Vienna University of Applied Sciences:
• MSc in Health Assisting Engineering
• Four semesters
• Addressed to engineers and health experts
• Students support each other in learning basics of the “other” field
• Students collaborate on creating technology
• Collaborations with rehabilitation technology companies, for example the IISART member Tyromotion
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