MEDINFO23

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Building a health informatician – starting with soft skills

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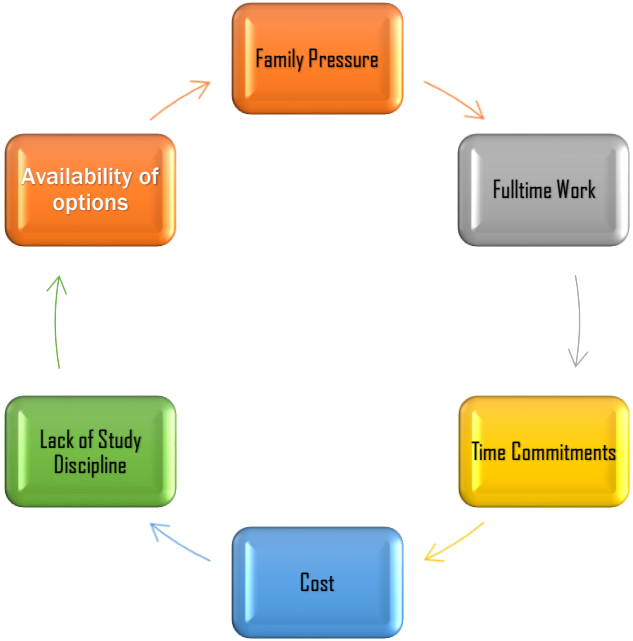
“AI won't replace clinicians, but clinicians who don't use AI will be replaced”

Sangeeta Reddy of Apollo Hospitals (2023)

What are soft skills?

- Foundational understanding of data
- Interpretation of data
- Benefits of digital technology in the health field
- Legal, policy, co-design, standards
- Organisational change

Challenges and Barriers for Digital Education



Current initiatives supporting digital health development

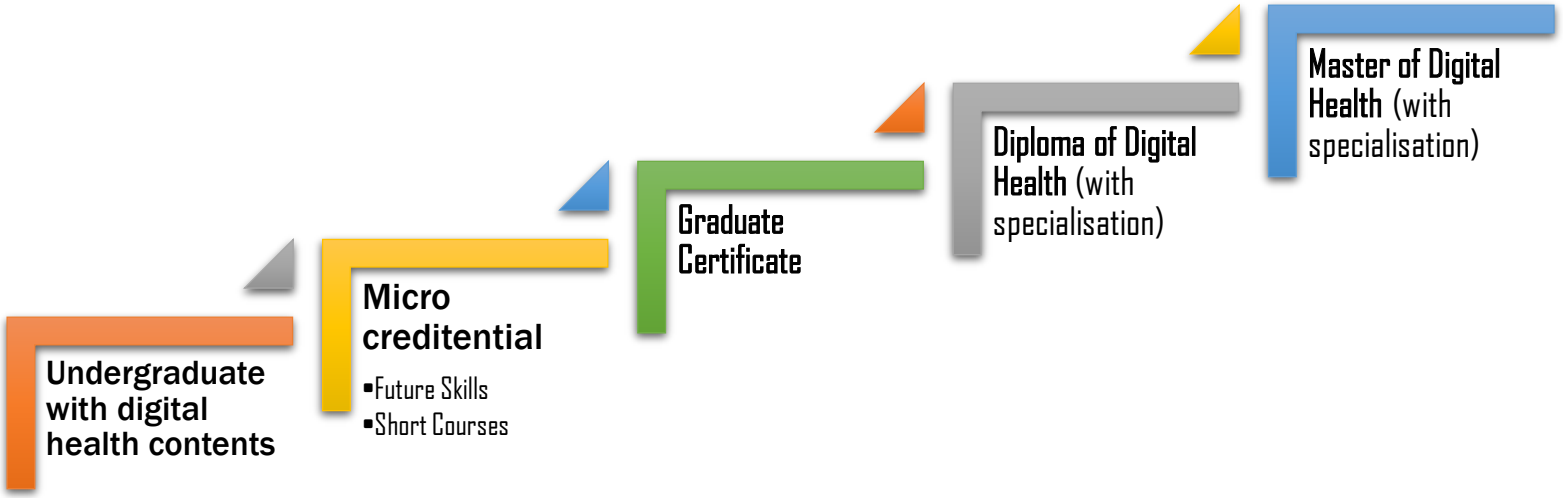
Flinders University

- Undergraduate core and elective subjects in Digital Health within Health Sciences
  - Digital Health foundational
  - Safety, Quality and Privacy and Digital Healthcare
  - Risk, and Quality in Digital Healthcare

RMIT University

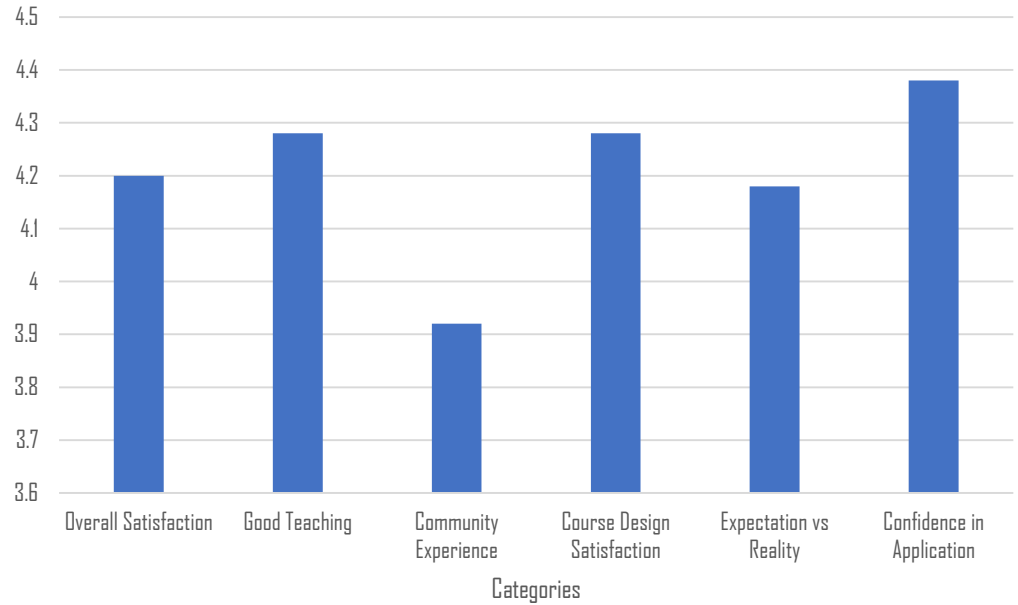
- Undergraduate platform course in STEM College, minor
- Future Skills Courses
  - 3 courses
  - Completion of 'Healthcare Design' and 'Digital Health Strategy and Change', gain a credit for Grad Cert in Digital Health elective subject
- Graduate Certificate in Digital Health
- Building for a Diploma or Masters in Digital Health Health

Digital health education trajectory



Measures of Success

- Overall satisfaction
- Teaching
- Community
- Course Design
- Expectation
- Confidence



Feedback from Students

"It is relevant with up to date information, and suitable for people who are interested in digital health."

"It is a state of art course, bringing together the best of academic, industry practice and current developments."

"The facilitator interacts with students in a timely manner and always inspires us to think beyond."

"Very engaging and friendly."

"A fantastic facilitator and tutor. They have excellent communication skills that addresses the core information and engaging personality that allows for continued interest in a topic that could otherwise be rather dry."

"By encouraging use of the latest case studies for assignments, the course encourages students to engage with the transformation that is happening after Covid."

"I think the facilitator is doing everything they can to provide a positive learning experience to all students."

"The sessions are interactive and engaging"

Future opportunities in Digital Health Education

- RMIT – Future skills courses, Graduate diploma, Masters
- AIDH Digital Health courses
- Digital Health education partnerships with TAFE courses in healthcare (e.g. Clinical Coding)
- Professional Organisations (i.e. ANMF, APNA)

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