



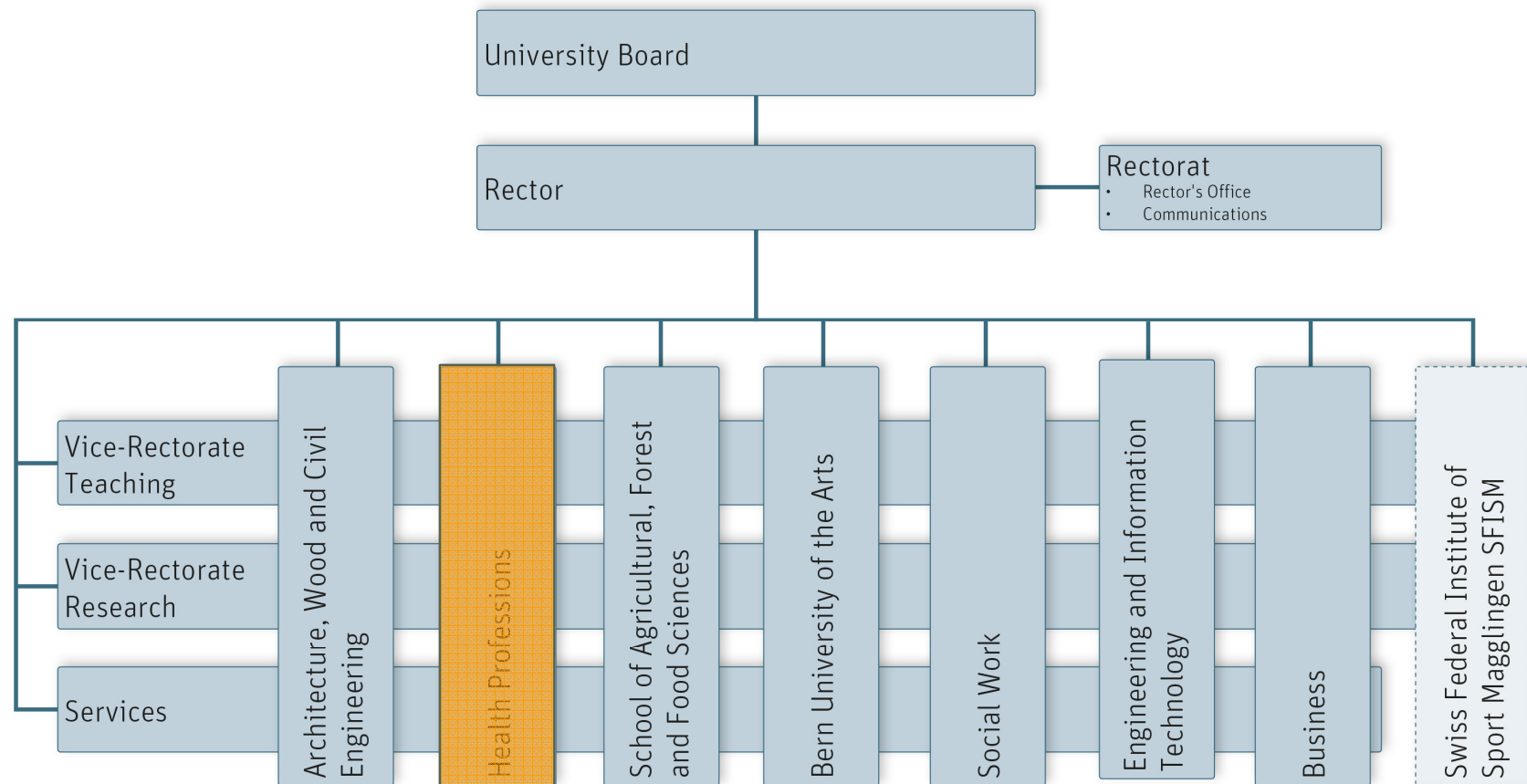
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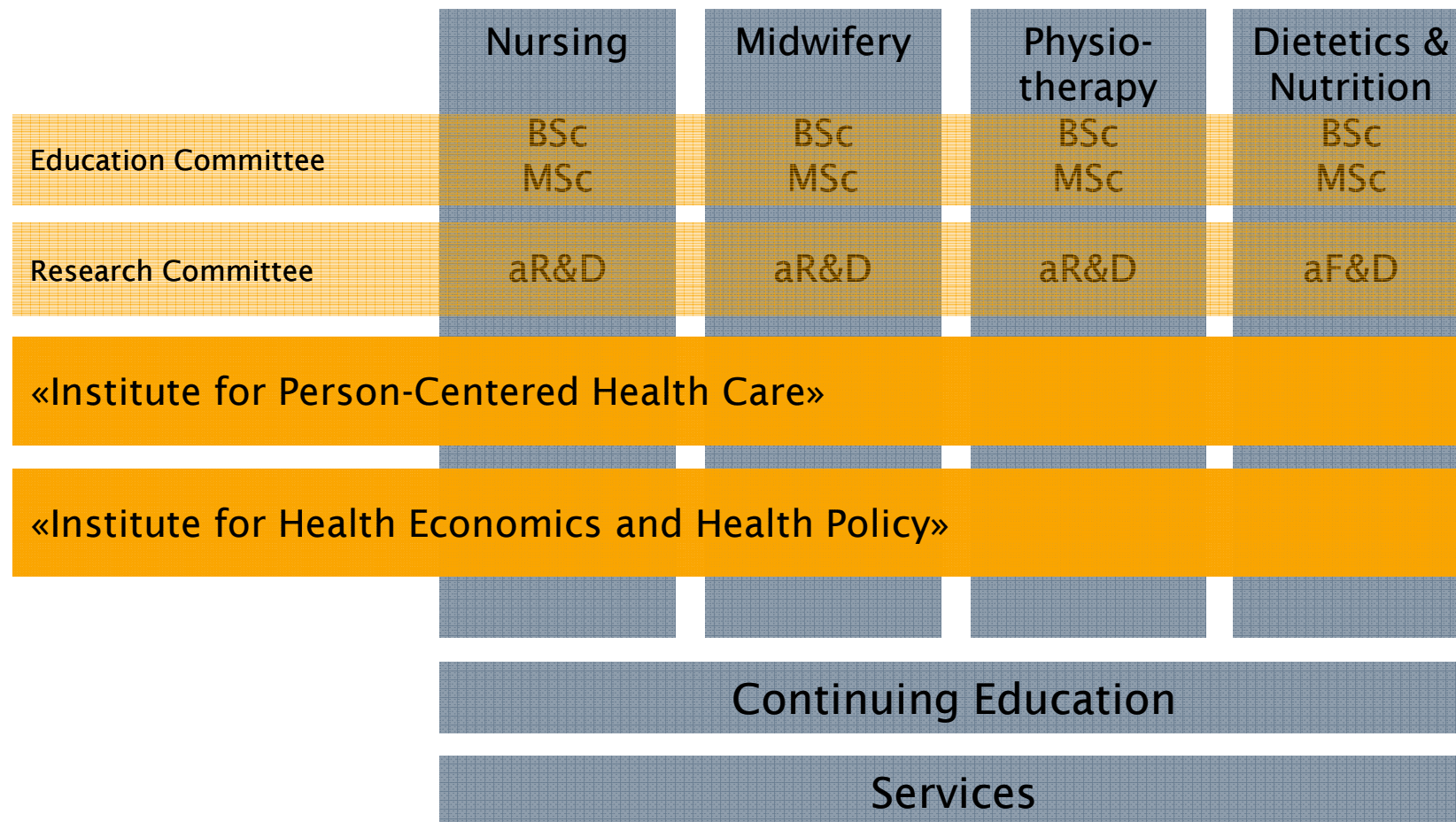
## Departement of Health Professions

► Health Professions

# Bern University of Applied Sciences



# Departement of Health Professions



# Institute for Health Economics and Health Policy



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Projects

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- > Out-patient care
- > Healthcare at home
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  - > Project 1 Abel
  - > Project 10 Elger
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## 33 Use of simulation modelling to improve care for patients with chronic conditions in Switzerland

How can health care in Switzerland be optimally tailored to meet the needs of patients with chronic conditions? The study models the consequences of health policy decisions and formulates recommendations for a reorientation of the health care system.

### Project description (ongoing research project)

In the first phase of the project, a graphical representation of the current chronic care system will be created in collaboration with research partners and decision-makers. The graphical representation is a qualitative conceptual model that visualises important influencing factors and their relationships in a system. In the second phase, a quantitative simulation model based on the graphical representation will be developed that mathematically describes key factors and their relationships in the chronic care system. The main benefits of this type of simulation model are: (i) it can be used to anticipate future developments (trends) in the chronic care system, and (ii) it can be used to evaluate and design health policy reforms.

### Contact

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