Concentration in Software Engineering

Dr. Robert Walker
Director (Software Engineering),
Director (Internships)
What is software engineering?

People & Society

Science

Software
What is software engineering?

- Technical issues
- Psychology & sociology
- Mathematics
- Business
- Other ...
The concentration: *Flexibility*

- **SENG-labelled courses**
  - Technical aspects
  - Process/management aspects
  - Soft skills aspects

- **Application courses**
  - Relevant to software development

- **Contextual courses**
  - E.g., business
Capstone course

• Put the concepts into practice
• Usually a team project with industrial partner

• Fall + winter
• By permission:
  – For 2018/19, contact Prof. Ruhe
Research

• Software analytics
• Software design
• Software evolution & reuse
• Software process
• Collaborative environments

• Summer research opportunities
  – Contact individual faculty
Contact

• Software Engineering Director:
  – Dr. Robert Walker (me):
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• Internships:
  – Me too