

# Free / Libre and Open Source Software

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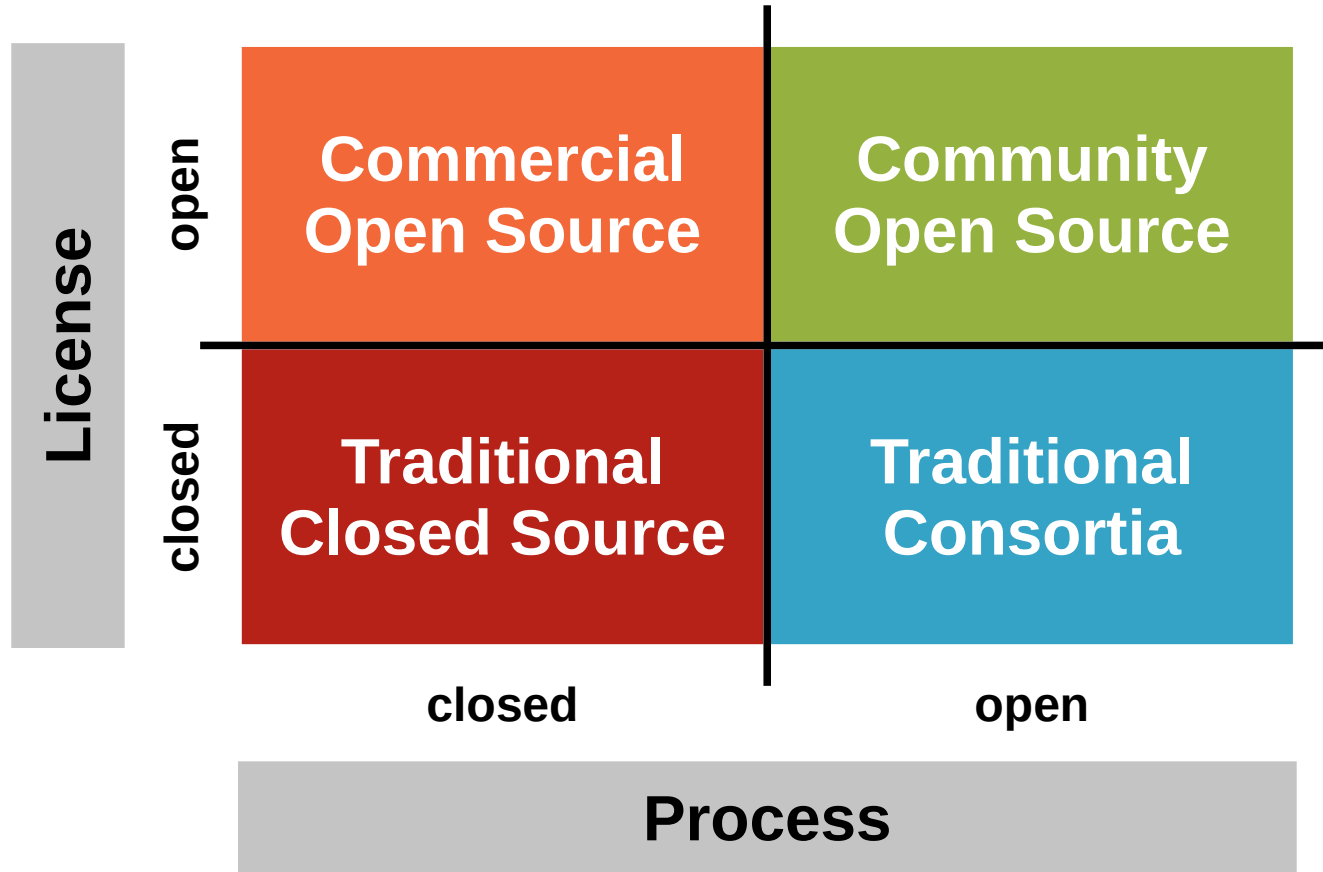
**FLOSS A01**

# Open Source is ... (First Take) [1]

- Software
  - that is provided to its users for free under an open source license
- A process
  - that uses the practices of open collaboration for superior results

[1] Derived from the OSI definition at <http://opensource.org>

# Open vs. Closed Source



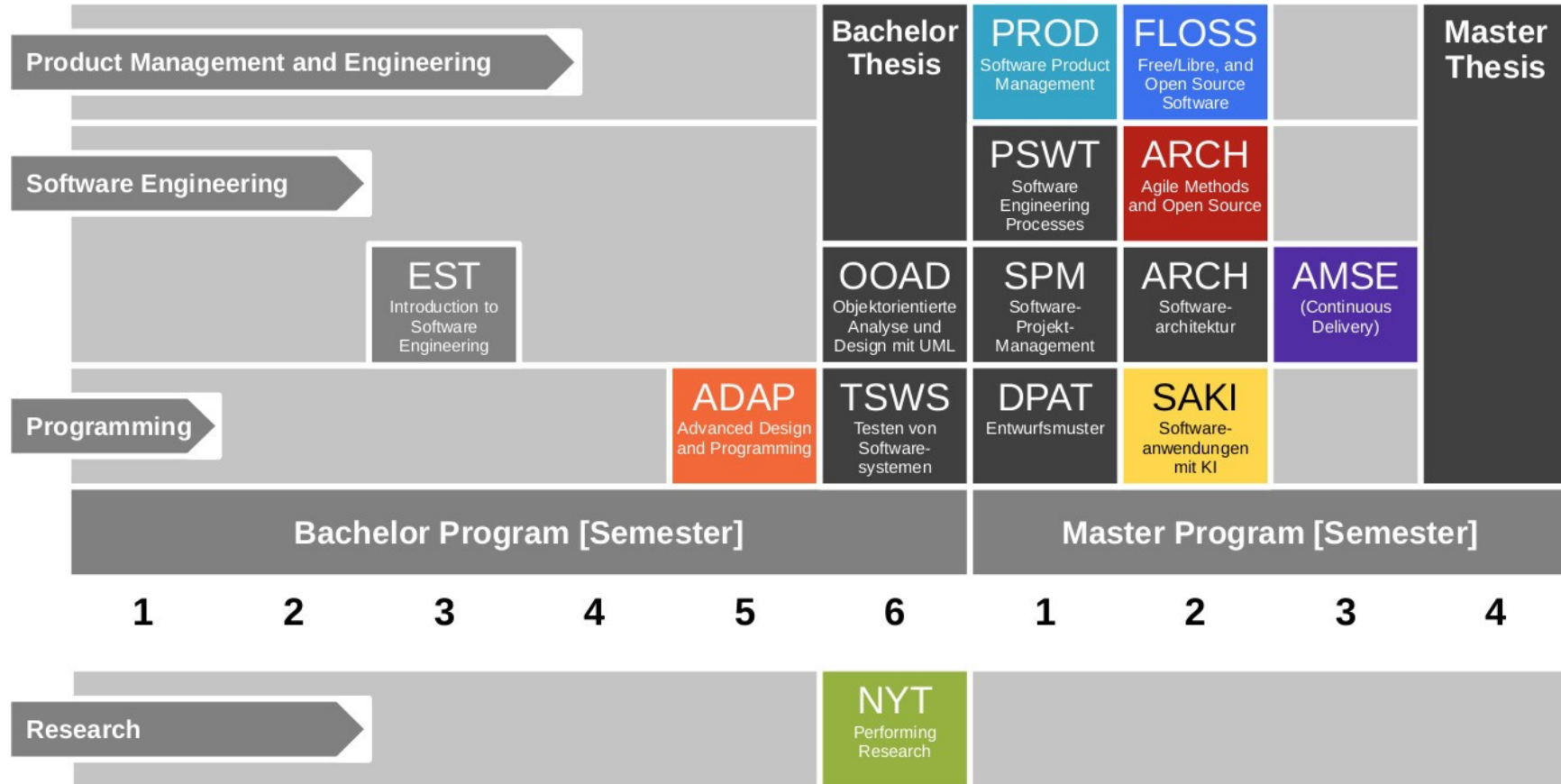
# Course Topics

- Open source basics
  - Overview and history
  - Intellectual property
- Open source projects
  - Project communities
  - Development processes
  - Development tooling
- Corporate open source
  - Corporate governance
  - Corporate open sourcing
  - Inner sourcing
- Open source economics
  - Developer foundations
  - User foundations
  - Service and support firms
  - Distributor firms
  - Single-vendor firms
- Software developers
  - Labor economics

# Course Learning Goals

- Students will gain a conceptual understanding of
  - key aspects of the software industry
  - how open source software projects work
  - how open source is changing the software industry
- Students will acquire a practical understanding of
  - simple tasks involved in each of the course topics

# Course Position in Curriculum

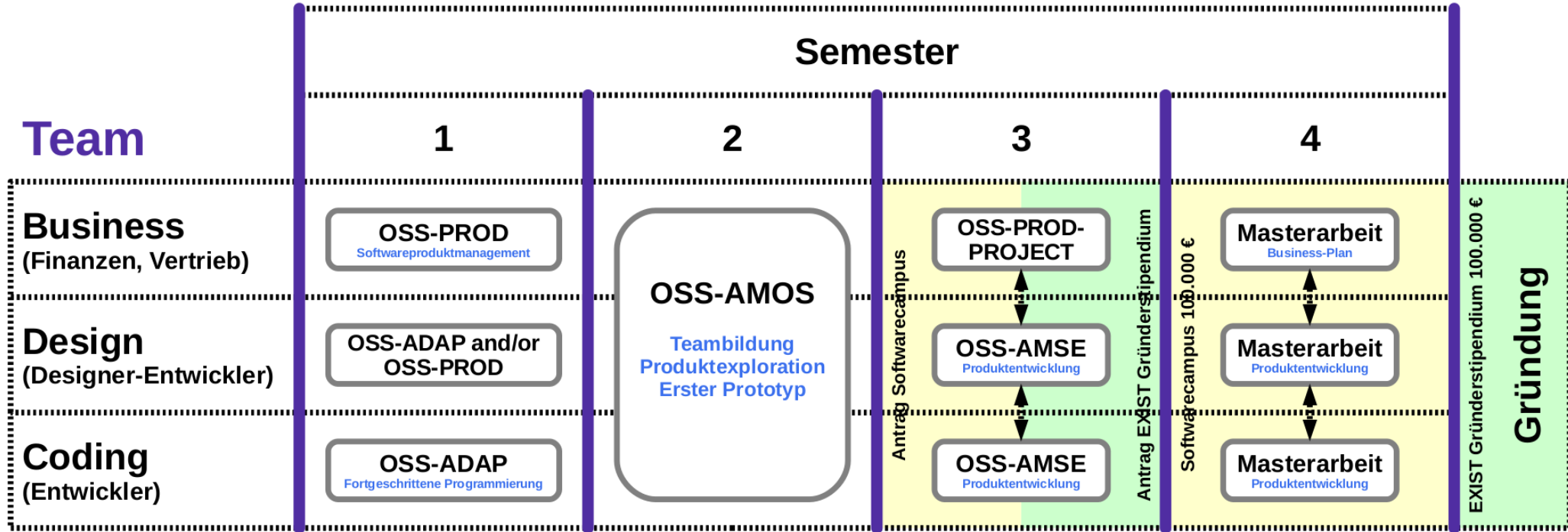


# Courses and Modules

		Courses (Lehrveranstaltungen)		
		OSS- FLOSS-VUE		Total ECTS
Modules	OSS-FLOSS	x		5

# Startupinformatik

Dein Weg zur Startup im Masterstudium, seit 2010!



<http://startupinformatik.de>

Gewinner 1ter Preis 2015  
Programm zur Startup-  
Förderung an Hochschulen





# Course Grading [1]

- Class discussion (4 SWS) =  $60 / 150 = 40\%$ 
  - Where class = lecture + exercise
  - Graded using [0|1|2|3] scheme
- Homework deliverables =  $90 / 150 = 60\%$ 
  - Reduced to class quizzes this semester
  - Graded using [0..10] scheme

# Active Participation

1. Showing up +
2. listening to the lecturer +
3. thinking about what you are hearing +
4. verbalizing your thoughts (speaking up) +
5. answering to someone else's thoughts +
6. collaborating to solve a problem +
7. adequate use of air-time

# Class Quizzes

- Each class session starts with a class quiz
  - A quiz will test your understanding of last session's lecture(s)
  - A quiz typically has 5 questions and will last 10 minutes
  - The overall quiz is graded using [0..10] scheme (10 points in total)
- A class quiz will open precisely when class starts
  - The quiz is administered automatically through StudOn
  - It is your job to have reliable Internet access etc.
  - There is no way to make up for a missed quiz

# Requirement for Passing Course

- At least 50% participation in all grade-relevant components
  - Class discussion
  - Homework deliverables

# No Oral or Written Exam [1]



[1] You still have to register for the course

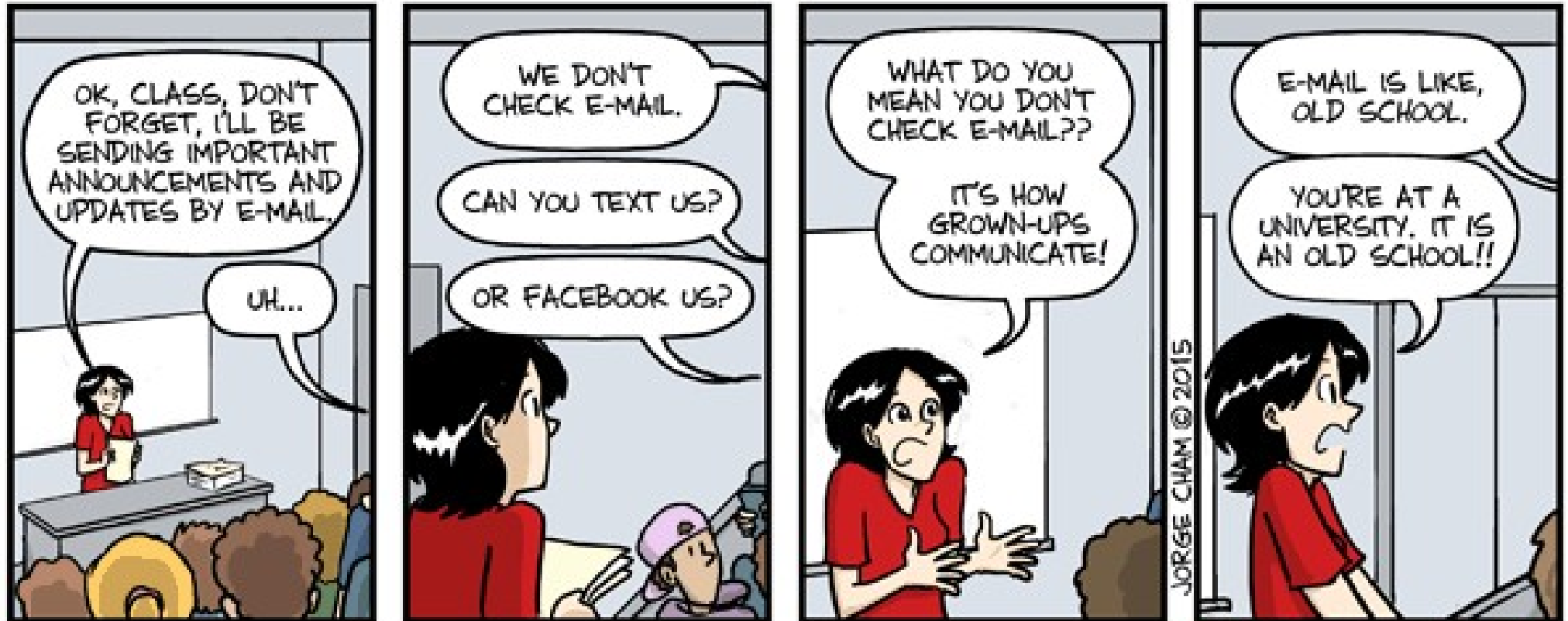
# Course Language [1]

- Class
  - Lecturer: English
  - Student: Choice of German or English
- Homework
  - Submissions: English

[1] See <http://osr.cs.fau.de/2012/03/10/english-or-german-deutsch-oder-englisch/>

# Course Communication

- Announcements by email (through StudOn)
- Questions and answers using FSI Forum for course



# Course Information

- Course index
  - <https://goo.gl/czKB5y>
- Course reader
  - <https://goo.gl/AvSJNi>



# Thank you! Questions?

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# Credits and License

- Original version
  - © 2012-2019 Dirk Riehle, all rights reserved
- Contributions
  - ...