**Course-specific competences**

Course code: FEV18FO03

Course name: Statistics

**Competences** **Criteria for Assessment**

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| --- | --- | --- | --- |
|  | 1 | 3 | 5 |
| Probability theory | Knowledge of elementary definitions and simple calculations on probability | Knowledge of how to apply probability theory on practical problems | Skills to solve more demanding problems using tools from probability theory |
| Distributions | Basic knowledge of discrete and continuous probability distributions | Knows how to construct and analyze distributions from real data | Knows how to do more demanding calculations based on different distributions |
| Estimations and hypothesis testing | Knowledge of basics in regression analysis and confidence intervals | Skills to do simple testing of hypothesis. Ability to apply these within e.g. quality control | Knowledge of how to construct more demanding tests and hypothesis related to business economics |