### Annual Schedule Bachelor Econometrics and Operations Research 2019 - 2020

**Specialization: Econometrics and Data Science**

#### Year 1
- **WEEK 36, 37, 38, 39, 40, 41**: Period 1 (Sep-Oct)
- **WEEK 42**: Period 2 (Nov-Dec)
- **WEEK 43, 44, 45, 46, 47, 48**: Period 3 (Jan)
- **WEEK 49, 50, 51**: Period 4 (Feb-Mar)
- **WEEK 6, 7, 8, 9, 10, 11**: Period 5 (Apr-May)
- **WEEK 12, 13, 14, 15, 16, 17**: Periode 6 (Jun)

**Courses**
- **Mandatory Courses**: Analysis I (6 EC), Introduction to Data Science (6 EC), Introduction to Programming (Java) (6 EC), Linear Algebra (6 EC)
- **Electives**: Analysis II (6 EC), Statistics (6 EC), Macroeconomics I (6 EC), Finance I (6 EC)
- **Minor (30 EC)**
- **Honours Programme (6 EC)**: Academic Skills: Probability and Inference (6 EC)

**Trial Course Honours Programme (6 EC; period 4 or period 5)**

#### Year 2
- **WEEK 36, 37, 38, 39, 40, 41**: Period 1 (Sep-Oct)
- **WEEK 42**: Period 2 (Nov-Dec)
- **WEEK 43, 44, 45, 46, 47, 48**: Period 3 (Jan)
- **WEEK 49, 50, 51**: Period 4 (Feb-Mar)
- **WEEK 6, 7, 8, 9, 10, 11**: Period 5 (Apr-May)
- **WEEK 12, 13, 14, 15, 16, 17**: Periode 6 (Jun)

**Courses**
- **Mandatory Courses**: Data Structures and Algorithms (6 EC), Database Fundamentals and Applications (6 EC), Numerical Methods (6 EC), Econometrics I (6 EC)
- **Electives**: Multivariate Statistics (6 EC), Data Science Methods (6 EC), Econometrics II (6 EC), Ethics (6 EC)
- **Honours Programme (total 30 EC in year 2 and 3; includes the trial course taken in year 1)**

**Analysis I (6 EC)**
- **Electives**: Advanced Simulation for Finance, Economics and Business (6 EC), Digital Marketing and Metrics (6 EC), Financial Econometrics (6 EC), International Financial Management (6 EC)

**Year 3**
- **WEEK 36, 37, 38, 39, 40, 41**: Period 1 (Sep-Oct)
- **WEEK 42**: Period 2 (Nov-Dec)
- **WEEK 43, 44, 45, 46, 47, 48**: Period 3 (Jan)
- **WEEK 49, 50, 51**: Period 4 (Feb-Mar)
- **WEEK 6, 7, 8, 9, 10, 11**: Period 5 (Apr-May)
- **WEEK 12, 13, 14, 15, 16, 17**: Periode 6 (Jun)

**Courses**
- **Mandatory Courses**: Econometrics III (6 EC), Machine Learning for Econometrics and Data Science (6 EC)
- **Electives**: Thesis Econometrics and Data Science (12 EC)

**Honours Programme (total 30 EC in year 2 and 3; includes the trial course taken in year 1)**