



Utrecht University and Statistics Netherlands



EMOS as *track* in existing Research Master  
Methodology and Statistics  
for the Behavioural, Biomedical, and Social Sciences

*Peter G.M. van der Heijden (UU) and Ton de Waal (SN)*

**Year 1. (8 x 7.5 ECTS)**

*Semi-elective*

1. Survey data analysis
2. Multivariate statistics
3. Fundamentals of statistics
4. Computational inference with R
5. Multilevel and structural equation modelling

*Elective*

6. Bayesian statistics
7. Psychometrics
8. Clinical research designs

**Year 2. EMOS Track**

EMOS Core module (15 ECTS, taught by SN)

Internship (15 ECTS)

Master thesis (22.5 ECTS)

Research seminar (7.5 ECTS)

**EMOS Core Module**

- Aspects of Official Statistics
  - Sampling and estimation
  - Statistical data editing
  - Data management in statistical production
  - Administrative and Big data
  - Statistical disclosure control
  - Interpretation and presentation of Official Statistics1
  - Survey guest lectures
- 1 (AoOS) + 7 \* 2 ECTS