

**Program SIKS course Research methods and methodology for IKS  
November 23, 24 and 25, 2016**

**Wednesday**

09.30-10.00 Coffee

10.00-10.15 Opening (Dr. Richard Starmans, UU)

10.15-11.15 Introduction (Dr. Hans Weigand, TiU)

11.15-12.15 Conceptual design (Dr. Hans Weigand, TiU) (including assignment)

12.30-13.45 Lunch

13.45-15.15 Philosophy of formal sciences (Prof. dr. John-Jules Meyer, UU)

15.15-15.45 Break

15.45-17.15 Assignment continued

**Thursday**

09.00-12.30 Research Design I (Prof.dr. Roel Wieringa, UT)

12.30-13.30 Lunch

13.30-15.00 Research Design (Prof.dr. Roel Wieringa, UT)

15.00-15.30 Break

15.30-17.15 Research Methods in Information Retrieval (Dr. Jaap Kamps, UVA)

**Friday**

09.00-09.45 (Example research project)

09.50-11.00 Research methods in ML (Dr. Iris Hendrickx, RUN)

11.00-11.15 break

11.15-12.30 Towards a Philosophy of Data Science (Dr. Hans Weigand,  
Dr. Richard Starmans)

12.30-13.30 Lunch

13.30-15.00 Research Communication I (Prof.dr. Hans Akkermans, VUA)

15.00-15.45 Break, assignment

15.45-16.30 Research Communication II (Prof.dr. Hans Akkermans, VUA)