

Research (RSCH)

RSCH 650 Research Methods and Analysis 3

Credits (3,0)

Identifying and evaluating qualitative and quantitative research problems. Data analysis techniques; sampling and data gathering. Format and structure of scholarly reports following field conventions.

Course Offered at: Worldwide, Asia

RSCH 665 Statistical Analysis 3 Credits (3,0)

Design, planning, and interpretation of data for research and industrial applications. Parametric and non-parametric statistics; correlation methods for linear/non-linear data; statistical significance testing. Use of statistical software; presentation of results in APA format.

Course Offered at: Worldwide, Asia

RSCH 670 Research Methods 3 Credits (3,0)

Research problem identification; application of qualitative and quantitative research methods. Sampling, data collection, numerical/non-numerical data analysis; format and structure of scholarly reports following research frameworks.

Course Offered at: Worldwide, Asia

RSCH 700A Graduate Thesis I 3 Credits (3,0)

First of a two-course sequence (RSCH 700A and RSCH 700B). Propose and develop a thesis on an aviation/aerospace topic. Supervised by the student's Thesis Committee. Demonstrate mastery of the topic.

Prerequisites: RSCH 670

Course Offered at: Worldwide

RSCH 700B Graduate Thesis II 3 Credits (3,0)

Completion of the thesis under supervision of the student's Thesis Committee. Demonstrate mastery of the topic. Must complete RSCH 700A first.

Prerequisites: RSCH 700A

Course Offered at: Worldwide