

COURSE DETAIL

INTRODUCTION TO COMPUTATIONAL SOCIAL SCIENCE

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Sociology

UCEAP Course Number

118

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO COMPUTATIONAL SOCIAL SCIENCE

UCEAP Transcript Title

COMPUTATNL SOC SCI

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

Computational social science is a new paradigm in social science that actively utilizes the methodologies of computer science and statistics for collecting, producing, and analyzing large-scale data sets. This class introduces a set of methodologies used in computational social science and how they change social science research designs and practices. It also discusses institutional and ethical issues that arise as a result of the widespread use of automated algorithms for managing massive data sets in the private and public sectors.

Language(s) of Instruction

English

Host Institution Course Number

M1304.003000

Host Institution Course Title

INTRODUCTION TO COMPUTATIONAL SOCIAL SCIENCE

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Sociology

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