

# Network Analysis

Syllabus Number

POI-301

Compulsory Elective  
2 credit

FUJITA, Yoshikatsu

## 1. Course Description

Complex network structures observed in real world relations such as individual friendship, products delivery chain, information propagation, spread of the coronavirus, used to cause various phenomena. For instance, as found in flaming in social network or spreading corona epidemics, the network structure gives serious influence to our daily life. This class will investigate such data propagation behavior over the Internet by employing Multi Agent Simulator (MAS), and also cover basics in computer usage.