The course deals with fundamental questions in philosophy of science that are of special interest to research students in Science and Technology Studies (STS). We will examine how the philosophy of science has reformulated basic questions and debates in Western philosophy, and how it has addressed them using the means at its disposal. We will review two turns that have occurred in philosophy of science – the socio-historical turn, and the semantic turn. Among the questions we will discuss are: Is there scientific rationality, and how is it to be conceptualized? What does it mean that science is a social enterprise? As time progresses, does science approximate the truth, at least in some cases? What are the ways in which science represents the world? What are the mutual relations between scientific practice and theory, science and technology? The course readings will mostly consist of classical and contemporary sources that graduate research students today are expected to know; we will also read some cutting-edge sources from current debates in philosophy of science, which may help the students with their research.


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**목적**

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**Bibliography**

3. **My Solution to the Problem of Induction**


4. **The Central Issues in Logic**


5. **The Conceptual Foundations of Science**


Chapter 9

Science, Technology and Society Program

The program strengthens and supports research in sociology of knowledge.


