

The Geoscientific Method - GG7007 - Course leaders: Alasdair Skelton (alasdair.skelton@geo.su.se), Staffan Bergwik (staffan.bergwik@idehist.su.se), Johan Fredrikzon (johan.fredrikzon@idehist.su.se)

All parts of the course (including lectures) have practical aspects and attendance is therefore obligatory.

Information in red is preliminary.

Date	Start	End	Topic	Type	Room	Instructor	Required reading: Achinstein (2004)
2022-08-29	10:00	12:00	Field trip: Queen Christina and Descartes	Excursion	Meet at Stortorget, Gamla Stan	AS	pp. 9-11
2022-08-30	09:00	17:00	Reading day	Home			pp. 11-66
2022-08-31	10:00	12:00	Descartes' Rules for the Direction of the Mind	Lecture	U10	AS	
2022-08-31	14:00	16:00	Field trip: The Labyrinth	Excursion	Meet outside Labyrinth in Rosendals Trädgård (59.3259 N 18.1157 E)	AS	
2022-09-01	10:00	12:00	Descartes' Ontological Proof of God and Laws of Motion	Lecture	U10	AS	
2022-09-02	09:00	17:00	Reading day	Home			pp. 69-111
2022-09-05	10:00	12:00	Newton's Methodological Rules and the Law of Gravity	Lecture	U10		
	13:00	15:00	Newton's Law of Universal Gravitation	Practical	U10	AS	
2022-09-06	09:00	12:00	Reading morning	Home			pp. 127-149, 234-238
	13:00	15:00	Hypothetical-Deduction	Lecture	U10	AS	
2022-09-07	10:00	12:00	Dichotomy of Light	Practical	U10	AS	
	13:00	17:00	Reading afternoon	Home			pp. 251-257, 298-326
2022-09-08	10:00	12:00	Realism and Antirealism	Lecture	U10	AS	
	13:00	15:00	Brownian motion	Practical	U28	AS	
2022-09-09	09:00	17:00	Reading day	Home			pp. 355-371
2022-09-12	10:00	12:00	Rejections of Universal Rules of Method	Lecture	U10	AS	
	13:00	15:00	Tower argument	Practical	U10	AS	
2022-09-13	09:00	17:00	Reading day	Home			Harry Collins, "The sociology of science for non-sociologists", pp. 1-8
2022-09-14	10:00	12:00	The scientific method: Historical and sociological perspectives	Lecture	U10	SB	
2022-09-15	09:00	17:00	Reading day	Home			Peter Galison & Lorraine Daston, "Prologue", <i>Objectivity</i> (New York: Zone Books, 2007), 11-16.
2022-09-16	10:00	12:00	Objectivity	Lecture	U10	JF	
	13:00	17:00	Reading afternoon	Home			pp. 402-421 + Sergio Simondo, "An introduction to science and technology studies",
2022-09-19	10:00	12:00	Paradigm	Discussion	U10	SB	
2022-09-20	09:00	17:00	Reading day	Home			Harry Collins & Trevor Pinch, "The Golem: What everyone should know about science",
2022-09-21	10:00	12:00	Controversy	Discussion	U10	SB	
2022-09-22	09:00	12:00	Reading day	Home			David Livingstone, "Putting science in its place", ch. "A geography of science", pp. 1-16.
2022-09-23	09:00	17:00	Objectivity	Excursion	U10	AS, JF	
2022-09-26	10:00	12:00	The place of science - geological sites				
	13:00	17:00	Revision				
2022-09-27	09:00	17:00	Revision				
2022-09-28	09:00	13:00	Written exam	Exam	U10		