

History and Philosophy of Science Certificate

The History and Philosophy of Science Certificate provides students an opportunity to gain a coherent, cross-disciplinary command of the methods and findings that the liberal arts have contributed to our understanding of the sciences. Students analyze the dynamic development, concepts, and roles in society of various sciences, as well as the personal, dramatic struggles of famous scientists. Students must complete four courses in two required areas: history of science, and philosophy of science, as well two electives to be selected from a list of pre-approved courses in history, philosophy, astronomy, physics, or core texts and ideas.

Courses the student has completed at the time of application to the program may be counted toward the certificate. Students apply for transcript-recognized undergraduate academic certificates at the time they complete their undergraduate degree or the certificate program, whichever comes later. Transcript recognition is awarded at that time. More information is available at the Certificate on History and Philosophy of Science website: <http://liberalarts.utexas.edu/hps/index.php>

Total Hours Required: 18

Requirements

Requirements are listed in the table below. Additional requirements may follow the table, so be sure to read the entire page. Some required courses listed below may also satisfy [General Education](#) requirements, including [Core Curriculum](#). Students should also review the [University's Undergraduate Minor and Certificate Requirements and Policies](#).

Code	Title	Hours
Hours chosen from:		6
HIS 322D	The Scientific Revolution of the Seventeenth Century	
HIS 322M	History of Modern Science	
HIS 322G	History of the Modern Life Sciences	
HIS 329P	History of the Atomic Bomb	
HIS 350L.64	Einstein in the Age of Conflict	
PHL 313	Introductory Symbolic Logic	3
or PHL 363	Scientific Method	
Hours chosen from:		3
PHL 316K	Science and Philosophy	
PHL 322	Science and the Modern World	
PHL 363L	Topics in Philosophy of Science	
Hours chosen from: an approved list		6
College Requirements - Liberal Arts		
Undergraduate Minor and Certificate Requirements and Policies		
Total Hours		18

Additional Requirements and Policy

- Each semester, the list of approved courses that meet the requirements above is available in the Department of History undergraduate advising office.
- At least 12 semester hours of coursework must be upper-division, and at least nine semester hours completed in residence.