



Preparatory reading list for MScs

This page lists a series of books we think are central to MSc-level education in our fields. This doesn't list everything one might want to read in a subject, but it's meant to be a good start. It samples from the library of work we regularly use in our programme, as well as listing some accessible popular texts. In preparation for your studies, you should read some of these.

Let us especially encourage you to read across all categories. These lines are drawn rather arbitrarily, and your degree will make good use of interdisciplinary connections. UCL Library will have copies of these in our Teaching Collection.

1. Science, Technology, and Society

1. Bang, Megan, *Who's Asking? Native Science, Western Science, and Science Education*, MIT Press, 2014.
2. Bell, Philip, Lewenstein, Bruce, Shouse, Andrew W. and Feder, Michael A. (ed.). 2009. *Learning Science in Informal Environments: People, Places, and Pursuits*. Washington, DC: National Academies Press.
http://www.nap.edu/catalog.php?record_id=12190
3. Brake, Mark L. and Weitkamp, Emma (ed.). 2009. *Introducing Science Communication: A Practical Guide*. London: Palgrave MacMillan.
4. Bucchi, M, *Science and Society: An Introduction to Social Studies of Science*, London: Routledge, 2004.
5. Collingridge, David. *The Social Control of Technology*. London: Pinter, 1980.
6. Collins, H., & Pinch, T. *The Golem: What Everyone should know about Science*. Cambridge: Cambridge University Press. 1993.
7. Epstein, Steven. *Impure Science: Aids, Activism and the Politics of Knowledge* Berkeley: University of California Press, 1996.
8. Falk, John. *Museums and Identity*. Walnut Creek, CA: Left Coast Press, 2009.
9. Hulme, M, *Why We Disagree About Climate Change: Understanding Controversy, Inaction and Opportunity*, Cambridge: Cambridge University Press, 2009.
10. Jasanoff, Sheila. *Designs on Nature: Science and Democracy in Europe and the United States*. Princeton: Princeton University Press, 2008.
11. Latour, Bruno. *Science in Action: How to Follow Scientists and Engineers through Society*. Cambridge, MA: Harvard University Press, 1987.
12. MacKenzie, Donald, and Judy Wajcman, eds. *The Social Shaping of Technology, 2nd Edition*. Buckingham: Open University Press, 1999.
13. Morozov, E, *To Save Everything, Click Here: Technology, Solutionism, and the Urge to Fix Problems that Don't Exist*, London: Allen Lane, 2013.
14. Pielke, R. A. *The Honest Broker: Making Sense of Science in Policy and Politics*. Cambridge: Cambridge University Press, 2007.

15. Sismondo, Sergio. *An Introduction to Science and Technology Studies, 2nd Edition*. Chichester: Wiley-Blackwell, 2010.
16. Stokes, David E. *Pasteur's Quadrant: Basic Science and Technological Innovation*. Washington, DC: Brookings Institution Press, 1997.
17. Yearley, Steven. *Making Sense of Science: Understanding the Social Study of Science*. London: Sage, 2005.

3. History and Philosophy of Science

18. Bowler, Peter, and Iwan Morus. *Making Modern Science*. Chicago: University of Chicago Press, 2005.
19. Brooke, John Hedley. *Science and Religion: Some Historical Perspectives*. Cambridge: Cambridge University Press, 1991.
20. Brown, James Robert, ed. *Philosophy of Science: The Key Thinkers*. London: Continuum, 2012.
21. Chalmers, A. *What Is This Thing Called Science? Open University Press. 2013*
22. Daston, Lorraine, and Peter Galison. "The Image of Objectivity." *Representations* 40, no. Special Issue: Seeing Science (1992): 81-128.
www.jstor.org/stable/2928741
23. De Chadarevian, Soraya and Hopwood, Nick (ed.). 2004. *Models: The third dimension of science*. Stanford: Stanford University Press.
24. Dear, Peter. *Revolutionizing the Sciences: European Knowledge and Its Ambitions, 1500-1700*. Princeton: Princeton University Press, 2001.
25. Dupre, John. *The Disorder of Things*. Cambridge, MA: Harvard University Press, 1995.
26. Godfrey, S. *Theory and Reality: An Introduction to the Philosophy of Science*, Chicago: University of Chicago Press. 2003.
27. Hacking, Jon. *Representing and Intervening: Introductory Topics in the Philosophy of Natural Science*. Cambridge: Cambridge University Press, 1983.
28. Henry, John, *The Scientific Revolution and the Origins of Modern Science*, New York: Palgrave Macmillan. 2008.
29. Hankins, Thomas, and Robert J. Silverman. *Instruments and the Imagination*. Princeton: Princeton University Press, 1995.
30. Jackson, Mark. (ed), *The Oxford Handbook of the History of Medicine*. Oxford: OUP, 2011.
31. Kuhn, Thomas. *The Structure of Scientific Revolutions, 2nd Edition Enlarged*. Chicago: University of Chicago Press, 1970.
32. Lindberg, David. *The Beginnings of Western Science, 2nd Edition*. Chicago: Chicago University Press, 2007.
33. Lipton, Peter. *Inference to the Best Explanation, 2nd Edition*. London: Routledge, 2004.
34. Livingstone, David, N. *Putting Science in Its Place: Geographies of Scientific Knowledge*. Chicago: University of Chicago Press, 2003.
35. Rudwick, Martin J. S. "The Emergence of a Visual Language for Geological Science, 1760-1840." *History of Science* 14 (1976): 149 -95.
36. Shapin, Steven, and Simon Schaffer. *Leviathan and the Air Pump: Hobbes, Boyle and the Experimental Life*. Princeton: Princeton University Press, 1985.

4. General skill development

37. Cottrell, Stella. *Critical Thinking Skills: Developing Effective Analysis and Argument, 2nd Edition*. Basingstoke: Palgrave Macmillan, 2011.
38. Farrimond, Hannah. *Doing Ethical Research*. London: Palgrave, 2012.
39. Martin-Davies, B. *Doing A Successful Research Project: Using Qualitative or Quantitative Methods*, Basingstoke: MacMillan, 2007.
40. Silva, Paul J. *How to Write a Lot: A Practical Guide to Productive Academic Writing*. Washington, DC: American Psychological Association, 2007.