

## FURTHER READING

### ON THE HISTORY OF UNIVERSITIES

Many of the older sources referred to in this book and in the list below can be found online in various editions at Project Gutenberg. It is a volunteer project that provides free copies of works in the public domain, that is, works for which the copyright has expired.

#### *General*

First and foremost, and a work that made this book possible, is *A History of the University in Europe*, 4 vols., General Editor Walter Rüegg (Cambridge University Press, 1992–2011). Its title is unduly modest, since it includes the spread of European influence throughout the world. On the other hand, the final volume (*Universities Since 1945*) has a noteworthy and ominous limitation explained by the editor: “Our coverage includes history as a social science and omits religion and the humanities. The latter as academic disciplines have undergone substantial changes since 1945 and their place in contemporary universities driven by science, engineering and business is constantly being redefined” (4: xxii).

Still, this work is an invaluable resource for anyone interested in the history of universities. The chapters are written by individual scholars who collectively make up an exceptional team of international experts.

Furthermore, the voluminous bibliographies scattered throughout the volumes could provide a lifetime of reading for anyone so inclined.

Another comprehensive history, with superb illustrations, is *The University: An Illustrated History*, ed. Fernando Tejerina (New York and London: Overlook Duckworth, 2011). This book, also the work of many scholars, is especially rich in the treatment of the Spanish- and Portuguese-speaking world.

A collection of articles mainly concerning higher education in the USA and, for the most part, previously published, is *The History of Higher Education*, 3rd edition, ed. by Harold S. Wechsler, Lester F. Goodchild, and Linda Eisenmann (Pearson, 2007). It is part of the “Reader Series” published by the Association for the Study of Higher Education (ASHE).

An online resource for the general reader is, of course, *Wikipedia*. Although it cannot be relied on in the same way as can scholarly publications, for quick reference it is invaluable. The careful reader can usually judge—from the quality of the entry and the acknowledged sources—how reliable the article probably is, and if further reassurance is needed, the sources cited can be consulted.

Finally, there are numerous specialized dictionaries and encyclopedias available, such as *The Encyclopedia of Higher Education*, 4 vols., ed. B. R. Clark and G. Neave (Oxford University Press, 1992) and online sources like the *Stanford Encyclopedia of Philosophy* and the *Complete Dictionary of Scientific Biography*.

#### *Primary Sources*

Aquinas, Thomas. See Project Gutenberg; Also *Basic Writings of Saint Thomas Aquinas*. 2 vols. Ed. Anton C. Pegis. New York: Random House, 1945.

Cervantes, Miguel de. *Don Quixote*. See Project Gutenberg; Also trans. Edith Grossman. New York: Harper Collins, 2003.

Galilei, Galileo. *The Astronomical Messenger*. See Project Gutenberg; Also trans. Edward Stafford Carlos. London: Rivingtons, 1880.

Newman, John Henry. *The Idea of a University*. See Project Gutenberg; Also *The Idea of a University*. Ed. Charles Frederick Harrold. New York: Longmans, Green and Co., 1947.

Rashdall, Hastings. *The Universities of Europe in the Middle Ages*. 3 vols. 2nd ed. Oxford University Press, 1936. Vol. II, Part I, Published by Forgotten Books, 2012.

Robinson, James Harvey (ed.). *Readings in European History*. 2 vols. Boston, 1906.

Thorndike, Lynn. *University Records and Life in the Middle Ages*. New York: Columbia University Press, 1944.

Wieruszowski, Helene. *The Medieval University: Masters, Students, Learning*. Princeton: Van Nostrand, 1966.

### *Secondary Sources*

*Academe*. Magazine of the American Association of University Professors. This Magazine Publishes an “Annual Report on the Economic Status of the Profession”.

Anderson, Robert D. *European Universities from the Enlightenment to 1914*. Oxford and New York: Oxford University Press, 2004.

Baldwin, John W. *Masters, Princes, and Merchants: The Social Views of Peter the Chanter and His Circle*. 2 vols. Princeton, NJ: Princeton University Press, 1970.

Barzun, Jacques. *The American University: How It Runs, Where It Is Going*. 2nd ed. New York: Harper & Row and University of Chicago Press, 1968, 1993.

Barreby, David. “Engineering Terror.” *New York Times Magazine*, September 10, 2010, p. 22.

Brockliss, L. W. B. *French Higher Education in the Seventeenth and Eighteenth Centuries: A Cultural History*. Oxford and New York: Clarendon Press, 1987.

Colish, Marcia L. *Medieval Foundations of the Western Intellectual Tradition: 400–1400*. New Haven and London: Yale University Press, 1997.

Day, C. R. *Education for the Industrial World: The Écoles d’Arts et Métiers and the Rise of French Industrial Engineering*. Cambridge and London: Massachusetts Institute of Technology Press, 1987.

Grafton, Anthony, and Lisa Jardine. *From Humanism to the Humanities: Education and the Liberal Arts in Fifteenth- and Sixteenth-Century Europe*. Cambridge University Press, 1986.

Grant, Edward F. *Physical Science in the Middle Ages*. Cambridge University Press, 1978.

———. *The Foundations of Modern Science in the Middle Ages: Their Religious, Institutional and Intellectual Contexts*. Cambridge University Press, 1996.

———. *God and Reason in the Middle Ages*. Cambridge University Press, 2001.

Hargreaves-Mawdsley, W. N. *A History of Academical Dress in Europe Until the End of the Eighteenth Century*. Oxford: Clarendon Press, 1963.

Haskins, Charles Homer. *The Renaissance of the 12th Century*. Cambridge, MA: Harvard University Press, 1927, Repr. 1955.

Jarusch, Konrad H. *Students, Society, and Politics in Imperial Germany: The Rise of Academic Illiberalism*. Princeton University Press, 1982.

Kagan, Richard L. *Students and Society in Early Modern Spain*. Baltimore and London: Johns Hopkins University Press, 1974.

Kearney, Hugh F. *Scholars and Gentlemen: Universities and Society in Pre-Industrial Britain, 1500–1700*. London: Faber & Faber, 1970.

Kerr, Clark. *The Uses of the University*. 5th ed. Cambridge, MA: Harvard University Press, 2001.

Maier, Joseph, and Richard W. Weatherhead (eds.). *The Latin American University*. Albuquerque: University of New Mexico Press, 1979.

McClelland, Charles E. *State, Society and University in Germany 1700–1914*. Cambridge and New York: Cambridge University Press, 1980.

Moro, Mark, and Joseph Parilla. “Maladjusted: It’s Time to Reimagine Economic Adjustment Programs.” <https://www.brookings.edu/blog/the-avenue/2017/01/10/maladjusted-its-time-to-reimagine-economic-adjustment-programs/>. Accessed July 27, 2017.

Rand, E. K. *Founders of the Middle Ages*. Cambridge, MA: Harvard University Press, 1928, Repr. 1957.

Rosenthal, Joel T. *From the Ground Up: A History of the State University of New York at Stony Brook*. Port Jefferson, NY: 116 Press, 2004.

Sanderson, Michael. *The Universities and British Industry, 1850–1970*. London: Routledge Kegan Paul, 1972.

Slee, Peter R. H. *Learning and a Liberal Education: The Study of Modern History in the University of Oxford, Cambridge and Manchester, 1800–1914*. Manchester: Manchester University Press, 1986.

Young, Spencer E. *Scholarly Community at the Early University of Paris: Theologians, Education and Society, 1215–1248*. Cambridge University Press, 2014.

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