

Contents

FREE UNIVERSITY MENTORING SERVICES	2
GENERAL RESOURCES, UNIVERSITY ACCESS SCHEMES, MASTERCLASSES AND TASTER DAYS	2
ART AND HISTORY OF ART	3
ARCHITECTURE	4
BIOLOGY	5
CLASSICS, CLASSICAL CIVILISATION AND ANCIENT HISTORY	6
COMPUTER SCIENCE	7
CHEMISTRY	8
ECONOMICS	9
ENGINEERING	10
ENGLISH	11
FRENCH	12
GEOGRAPHY	13
GOVERNMENT AND POLITICS	14
HISTORY	15
LAW	16
MATHS	17
MEDICINE	18
MUSIC	19
PHILOSOPHY	20
PHYSICS	21
PSYCHOLOGY	22
THEOLOGY AND RELIGIOUS STUDIES.....	23
SOCIOLOGY AND OTHER SOCIAL SCIENCES.....	24
SPANISH	25

FREE UNIVERSITY MENTORING SERVICES

- Project Access: <https://projectaccess.org/join-our-program>
- Zero Gravity: <https://www.zerogravity.co.uk/>

GENERAL RESOURCES, UNIVERSITY ACCESS SCHEMES, MASTERCLASSES AND TASTER DAYS

- Access Leeds - https://www.leeds.ac.uk/info/128005/applying/33/alternative_admissions
- Cambridge University Subject Masterclasses - <http://www.undergraduate.study.cam.ac.uk/events/masterclasses>
- Cambridge University Summer School - <http://www.undergraduate.study.cam.ac.uk/events/summer-schools>
- Edge Magazine- <https://www.edge.org/>
- KCL Summer School - <https://tinyurl.com/ybxhltqo>
- Lloyds Scholars - <https://www.lloyds-scholars.com/>
- LSE Choice - <https://tinyurl.com/y9za46b6>
- LSE Public Lectures - <http://www.lse.ac.uk/lse-player?category=public+lectures+and+events>
- MyHE+ - <http://www.myheplus.com/>
- Oxford University Pathways Programme - <http://www.pathways.ox.ac.uk/>
- Oxford University UNIQ Summer School - <https://www.uniq.ox.ac.uk/selection>
- Oxplore - <https://explore.org/>
- Queen Mary University London Spring and Summer School - <https://tinyurl.com/ycuggk3v>
- Social Mobility Foundation - <http://www.socialmobility.org.uk/programmes/aspiring-professionals-programme/>
- STAIRCASE12.ORG - <http://staircase12.univ.ox.ac.uk/>
- Sutton Trust Pathways Programme - <http://www.suttontrust.com/programmes/pathways-programmes-2/>
- Sutton Trust Summer Schools - <https://summerschools.suttontrust.com/>
- UCL Evening Masterclasses - <https://tinyurl.com/yapxg823>
- UCL Gateways – One Day Summer Conferences - <https://tinyurl.com/ya2xkqol>
- UCL Investin Programmes - <https://tinyurl.com/ybykfkef> and <https://tinyurl.com/y9mpbbqo>
- UCL Summer Challenge - <https://tinyurl.com/hqfqhe2>
- UCL Summer Schools - <https://tinyurl.com/hmxod2f>
- UCL Target Medicine - <http://www.ucl.ac.uk/target-medicine>
- University of Arts Summer School - <https://tinyurl.com/ybxwmup8>
- Westminster University Skills Workshops - <https://www.westminster.ac.uk/study/schools-and-colleges-outreach>

News Sites

- Broadsheet newspapers: The Guardian, The Times, Independent, Daily Telegraph
- BBC News online: www.bbc.co.uk/
- Al Jazeera English: www.aljazeera.com/
- The Economist: www.economist.com/
- CNN online: <http://edition.cnn.com/>
- The New Statesman magazine: www.newstatesman.com/

ART AND HISTORY OF ART

Tim's Top Ten Books

1. Living and Sustaining a Creative Life: Essays by 40 Working Artists Paperback
2. Catching the Big Fish: Meditation, Consciousness, and Creativity: David Lynch
3. Do It: The Compendium: Hans Ulrich Obrist
4. Art & Fear: Observations on the Perils (and Rewards) of Artmaking: David Bayles & Ted Orland
5. Art/Work: Jonathan Melber, Heather Darcy Bhandari
6. Women, Art and Power: L. Nochlin
7. The Photograph as Contemporary Art: Charlotte Cotton
8. Frameworks for Modern Art: Jason Gaiger
9. Globalisation and Contemporary Art: Jonathan Harris
10. After Modern Art: 1945-2000: David Hopkins

Magazines

- Frieze
- Art Monthly
- ArtRabbit
- Artforum – www.artforum.com
- Ubuweb – www.ubuweb.com

Documentaries and TV Series

- AI WEIWEI: Never Sorry (2012)
- Banksy Does New York (2014)
- National Gallery (2014)
- Le Mystère Picasso (1956)
- The Cool School (2008)
- Simon Schama's Power of Art
- How Art Made the World
- The Shock of the New

Other Reading Lists and Resources

- <https://www.hoart.cam.ac.uk/Admissions/undergraduate-admissions/what-will-istudy/preparatory-reading>
- <https://www.hoa.ox.ac.uk/suggested-reading>
- <https://vle.courtauld.ac.uk/course/view.php?id=487#section-9>
- Royal Academy: www.royalacademy.org.uk/

ARCHITECTURE

Tim's Top Ten Books

1. Modern Architecture Since 1900: Curtis, W
2. The Story of Art: Gombrich, E.
3. A History of Architecture, Settings and Rituals: Kostoff, S.
4. The Classical Language of Architecture: Summerson, J.
5. Palladio: Ackerman
6. Modern Architecture, A Critical History: Frampton
7. Cambridge Architecture, A Concise Guide: Ray, N.
8. The Ethical Architect: Spector
9. Towards a New Architecture: Le Corbusier
10. From Bauhaus to our House: Wolfe, T.

Other Reading Lists and Resources

- <https://www.arct.cam.ac.uk/Downloads/books-recommended-for-reading>
- www.clare.cam.ac.uk/data/uploads/Architecture.pdf
- www.archi-ninja.com/list-of-architecture-books-for-student-architects
- University of Westminster Architecture Programme: <https://www.westminster.ac.uk/courses/professional-and-short-courses/architecture-and-interiors/access-to-architecture-summer-school>

BIOLOGY

Tim's Top Ten Books

1. A Sting in the Tale: D. Goulson
2. An Introduction to Behavioural Ecology: N. Davies, J. Krebs & S. West
3. Endless Forms Most Beautiful: Carroll, S.
4. How We Live and Why We Die: The Secret Lives of Cells: L. Wolpert
5. Molecular Biology of the Cell: B. Alberts et al
6. Mutants: Leroy, A.
7. Nature via Nurture: M. Ridley
8. The Human Brain: A Guided Tour: S. Greenfield
9. The Language of Genes: S. Jones
10. The Music of Life: Biology beyond the Genome: N. Noble

Magazines

- Catalyst – The national STEM centre <http://www.nationalstemcentre.org.uk/catalyst>
- Biological Sciences review
- New Scientist
- The Lancet

Documentaries / series

- Storyville The Gene Revolution, Changing Human Nature. BBC 4
- Blackfish
- David Attenborough: Planet Earth and Planet Earth 2; Life; Human Planet; Blue Planet and Blue Planet 2

Podcasts

- Oxford Science Podcasts: <http://podcasts.ox.ac.uk/units/mathematical-physical-life-sciences-division>
- Oxford Science Blog: www.ox.ac.uk/media/science_blog/
- Cambridge Science Podcasts: www.thenakedscientists.com/HTML/podcasts/
- The Infinite Monkey Cage
- RadioLab
- Waking Up with Sam Harris
- The Life Scientific
- 60-Second Science
- The Natural Selection

Twitter

- Sci Curious – feed from writer and Bethany Brookshire tweeting about good, bad and weird neuroscience @scicurious
- Carl Zimmer – Science writer Carl blogs about the life sciences @carlzimmer
- Virginia Hughes – science journalist for neuroscience, genetics and behaviour @virginiahughes
- Maryn McKenna – science journalist who writes about antibiotic resistance @marynmck
- Molecular Biology - latest news, research, books and journals in molecular biology, cell biology, genetics, stem cells, cancer and biotechnology @molecular

Public Lectures and Sources

- **The Royal Institution:** <http://www.rigb.org/whats-on>
- **The Royal Society:** <https://royalsociety.org/science-events-and-lectures/>
- **Gresham College:** <https://www.gresham.ac.uk/>
- Wellcome Trust: www.wellcome.ac.uk/
- Human Genome Project: <https://www.genome.gov/10001772/all-about-the--human-genomeproject-hgp/>
- Educational resources at the Natural History Museum: www.nhm.ac.uk/education/index.html
- BBC Science programmes: <https://www.bbc.co.uk/science>

CLASSICS, CLASSICAL CIVILISATION AND ANCIENT HISTORY

Tim's Top Ten Books

1. H. H. Scullard, *From the Gracchi to Nero: a history of Rome from 133 B.C. to A.D. 68*
2. O. Murray, *Early Greece*
3. J.K. Davies, *Democracy and Classical Greece*
4. Mary Beard, *SPQR. A History of Ancient Rome*
5. Tacitus *Annals*
6. Virgil *Aeneid*
7. Homer *Iliad*
8. Cicero- Any defence speeches
9. R. Osborne *Archaic and Classical Greek Art*
10. D.C. Feeney *Literature and Religion at Rome: cultures, contexts and beliefs*

Podcasts

- www.thenakedscientists.com/HTML/podcasts/archaeology/
- <https://rogueclassicism.com/classical-podastery/>
- <https://warwick.ac.uk/fac/arts/classics/research/outreach/podcast/>
- [https://wiki.digitalclassicist.org/Classical Studies podcasts](https://wiki.digitalclassicist.org/Classical_Studies_podcasts)

Other resources

- Assyriology: <https://www.arch.cam.ac.uk/about-us/mesopotamia/mesopotamiastudies/mesopotamia-ugrad-studies> Biological Anthropology: <https://www.chu.cam.ac.uk/study-us/undergraduates/offerholders/subject-reading-lists/biological-anthropology/>
[www.britishmuseum.org/about us/departments/prehistory and europe/reading list.aspx](http://www.britishmuseum.org/about_us/departments/prehistory_and_europe/reading_list.aspx)
- Current Archaeology Magazine: www.archaeology.co.uk/
- Young Archaeologists' Club: www.yac-uk.org/
- The British Museum: www.britishmuseum.org/explore.aspx

Other reading lists

- <https://www.arch.cam.ac.uk/prospective-students/undergraduates/prospective-undergraduatereading-list>
- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/classics-reading-lists>

COMPUTER SCIENCE

Tim's Top Ten Books

Books

1. Computational Fairy Tales by Jeremy Kubica
2. Artificial Intelligence: A Ladybird Expert Book by Michael Wooldridge
3. Computer Science: An Overview by J. Glenn Brookshear
4. Algorithmic Puzzles by Anany Levitin and Maria Levitin
5. The New Turing Omnibus, by A.K. Dewdney (2003)
6. How To Think Like a Mathematician, by K. Houston (2009)
7. Once Upon an Algorithm: How Stories Explain Computing
8. The Pattern on the Stone: The Simple Ideas That Make Computers Work
9. Closing the Gap: The Quest to Understand Prime Numbers
10. Outnumbered: From Facebook and Google to fake news and filter-bubbles – the algorithms that control our lives

Websites

- <http://www.cs4fn.org/>
- <https://maths.org/step/>
- <https://online-learning.harvard.edu/course/cs50-introduction-computer-science>
- [https://projecteuler.net./](https://projecteuler.net/)
- <https://www.101computing.net/category/python-advanced/>
- Oxford Science Blog: www.ox.ac.uk/media/science_blog/

Documentaries / series

- Silicon Cowboys
- Atari: Game Over
- Lo and Behold: Reveries of the Connected World
- The Secret Rules of Modern Living: Algorithms

Public Lectures and Sources

- **The Royal Institution:** <http://www.rigb.org/whats-on>
- **The Royal Society:** <https://royalsociety.org/science-events-and-lectures/>
- **Gresham College:** <https://www.gresham.ac.uk/>

Podcasts

- Cambridge Science Podcasts: www.thenakedscientists.com/HTML/podcasts/
- Oxford Science Podcasts: <http://podcasts.ox.ac.uk/units/mathematical-physical-life-sciences-division>

Other reading lists and sources

- www.guardian.co.uk/teachernetwork/2012/jan/24/topten-computer-science-teaching-resources
- National Cipher Challenge: www.cipher.maths.soton.ac.uk/
- TechFest Competitions: www.tic.ac.uk/micromouse/index.asp
- www.cl.cam.ac.uk/admissions/undergraduate/preparation/
- https://www.cs.ox.ac.uk/admissions/undergraduate/why_oxford/background_reading.html
- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/computer-science-reading-list>
- <https://warwick.ac.uk/fac/sci/dcs/admissions/undergraduate/readinglist/>

CHEMISTRY

Tim's Top Ten Books

1. Periodic Tales by Hugh Alderney-Williams
2. The Disappearing Spoon by Sam Kean
3. Elemental: How the Periodic Table Can Now Explain (Nearly) Everything by Tim James
4. H₂O: a biography of water by Philip Ball (Chemistry/Physics)
5. Physical Chemistry, by P W Atkins (2006)
6. Inorganic Chemistry, by Shriver and Atkins (2006)
7. A Guide to Mechanism in Organic Chemistry, by Sykes (1986)
8. Organic Chemistry, by Maitland and James (2004)
9. Introduction to Modern Inorganic Chemistry
10. Why Chemical Reactions Happen

Websites:

- <https://www.open.edu/openlearn/science-maths-technology/free-courses>
- <https://www.chemistryworld.com/>
- <https://www.sciencemuseum.org.uk/objects-and-stories/chemistry>
- <https://www.rsc.org/journals-books-databases/about-journals/chemical-science/>
- Oxford Science Blog: www.ox.ac.uk/media/science_blog/
- Chemistry World Online: www.rsc.org/chemistryworld/
- RSC Journals: <http://pubs.rsc.org/en/Journals?key=Title&value=Current>
- Royal Society of Chemistry teaching pages: <http://www.rsc.org/learn-chemistry>
- Biochemical Society: www.biochemistry.org/

Textbooks:

- Foundations of Organic Chemistry
- Foundations of Inorganic Chemistry
- Foundations of Science Mathematics
- Foundations of Physical Chemistry
- Top Drugs: Top Synthetic Routes

Magazines:

- Chemistry review
- New Scientist

Public Lectures and Sources

- **The Royal Institution:** <http://www.rigb.org/whats-on>
- **The Royal Society:** <https://royalsociety.org/science-events-and-lectures/>
- **Gresham College:** <https://www.gresham.ac.uk/>

Podcasts

- Cambridge Science Podcasts: www.thenakedscientists.com/HTML/podcasts/
- Oxford Science Podcasts: <http://podcasts.ox.ac.uk/units/mathematical-physical-life-sciences-division>

Other reading lists

- www.dur.ac.uk/natural.sciences/freshers/rlists/es/
- <https://www.hurtwoodhouse.com/student/science/chemistry/reading-list-2/>
- <https://www.lboro.ac.uk/departments/chemistry/welcome-new-students/useful-resources/reading-list/>
- <http://www.chemlabs.bris.ac.uk/outreach/resources/CHEMISTRY%20BOOK%20READING%20LIST.pdf>

ECONOMICS

Tim's Top Ten Books

1. Age of Discovery: Navigating the Risks and Rewards of Our New Renaissance: (Ian Goldin & Chris Kutarna)
2. Capitalism: 50 Ideas You Really Need to Know (Jonathan Portes)
3. GDP: A Brief but Affectionate History (Professor Diane Coyle)
4. Inequality (AB Atkinson)
5. Inner Lives of Markets: How People Shape Them—And They Shape Us (Sharman and Fishman)
6. Misbehaving: The Making of Behavioural Economics (Richard Thaler)
7. Poor Economics: Rethinking Ways to Fight Global Poverty (Banerjee & Duflo)
8. Rise and Fall of Nations: Ten Rules of Change in the Post-Crisis World (Richir Sharma)
9. The Box - How the Shipping Container Made the World Smaller and the World Economy Bigger, (Levinson)
10. The Everything Store: Jeff Bezos and the Age of Amazon (Brad Stone)
11. Who Gets What - And Why: Understand the Choices You Have, Improve the Choices You Make (Al Roth)

Websites

- Institute for Economic Affairs: www.iea.org.uk/
- The Economist magazine: www.economist.com/
- National Institute of Economic and Social Research: www.niesr.ac.uk/
- International Monetary Fund: www.imf.org/external/
- The Financial Times: <https://www.ft.com/>

Podcasts

- <https://www.intelligenteconomist.com/economics-podcasts/>
- <https://inomics.com/insight/top-economics-podcasts-51702>
- <http://timharford.com/2018/06/the-best-economics-podcasts-in-2018/>
- <https://www.economist.com/podcasts/>

Public Lectures

- **Conway Hall:** <https://conwayhall.org.uk/events/>

Other Reading Lists

- <http://www.econ.cam.ac.uk/ba/PrelimReadingList.pdf>
- <https://www.topuniversities.com/courses/economics-econometrics/7-books-read-if-youre-economics-student>
- <https://www.kings.cam.ac.uk/study/undergraduate/reading-lists/economics-reading-list>
- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/philosophy-politics-and-economics-reading-list>
- <https://warwick.ac.uk/fac/soc/economics/current/ug/induction/before-you-arrive/summer-reading-list/>
- <https://www.econlib.org/library/ReadingLists.html>

ENGINEERING

Tim's Top Ten Books

1. Engineering: A Beginner's Guide by N. McCarthy (2009)
2. Engineering in Society, by R. Lawlor (2013)
3. Pushing the Limits: New Adventures in Engineering, by H. Petroski (2005)
4. To Engineer Is Human: The Role of Failure in Successful Design
5. How Do Wings Work?
6. Sustainable Materials – With Both Eyes Open
7. Structures – or Why Things Don't Fall Down
8. What Engineers Know and How They Know It: Analytical Studies from Aeronautical History
9. Small Things Considered: Why There is No Perfect Design
10. Design Paradigms: Case Histories of Error and Judgment in Engineering

Websites

- www.i-want-to-study-engineering.org
- Online library and Engineering web forum: www.engineering.com/
- Royal Academy of Engineering: www.raeng.org.uk/
- Institution of Civil Engineers: www.ice.org.uk/

Podcasts

- <https://www.borntoengineer.com/resources/top-engineering-podcasts-stem-podcast-list-top>
- <https://mindtribe.com/2019/02/12-great-podcasts-for-engineers/>
- <http://www.focusedrecruitment.co.uk/news/top-5-engineering-podcasts-youtube-channels>
- <https://newengineer.com/insight/the-top-engineering-podcasts-1114181>
- <https://eandt.theiet.org/content/articles/2017/01/listen-and-learn-7-great-podcasts-for-young-engineers/>

Other reading lists

- Engineering: <https://www.admissions.eng.cam.ac.uk/information/reading>
- <https://www.admissions.eng.cam.ac.uk/information/reading>
- <https://interestingengineering.com/30-must-read-engineering-books>
- <https://www.kings.cam.ac.uk/study/undergraduate/reading-lists/engineering-reading-list>
- <https://www.balliol.ox.ac.uk/undergraduate-admissions/engineering-reading-list>
- <https://www.imperial.ac.uk/aeronautics/study/pg/advanced-computational-methods/reading-list/>
<https://lorls.lboro.ac.uk/CLUMP/#1>

ENGLISH

Tim's Top Ten Books

1. Beowulf, Anonymous
2. Introduction to the Theory of Narrative by, M. Bal (2007)
3. The Canterbury Tales, Geoffrey Chaucer
4. A Midsummer Night's Dream, William Shakespeare
5. The Poetry Handbook by J. Lennard (1995)
6. Emma, Jane Austen
7. A Doll's House, Henrik Ibsen
8. The Worlds' Wife, Carol Ann Duffy
9. Beginning Theory: An Introduction to Literature (2009)
10. The Representation of Reality in Western Literature, by W.R. Trask (1953)

Websites

- Poetry Society: www.poetrysociety.org.uk/
- Literary Review: www.literaryreview.co.uk/
- Times Literary Supplement: www.the-tls.co.uk/tls/

Resources and websites

- BBC Radio 4 'In Our time'
- So you think you're a Literary Critic?
- 19 Books for Understanding Literature - Richard Davies on Abe Books.com
- The 10 Best Literary Theory and Criticism Books of 2020 - Esther Lombardi on Thought.co. com

Other Reading Lists

- www.kings.cam.ac.uk/study/undergraduate/offerholders/reading-lists/english.html
- www.english.cam.ac.uk/cambridgeauthors/
- <https://libguides.reading.ac.uk/english-literature/reading-lists>
- <https://www.fortismere.haringey.sch.uk/site/data/files/sixth%20form/bridging%20activities/CD419E4294377A6AEFCB0021614A4CE8.pdf>
- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/english-reading-list>
- <https://www.hurtwoodhouse.com/student/humanities/english-literature/reading-list-2/>

FRENCH

Tim's Top Ten Books

Books

1. Margaret Jubb and Annie Rouxeville, *French Grammar in Context*
2. Glanville Price, *A Comprehensive French Grammar*
3. John D Lyons, *French Literature: A Very Short Introduction*
4. Un Sac de Billes, Joseph Joffo
5. La Place, Annie Ernaux
6. Le Blé en Herbe, Colette
7. Le Château de ma Mère, Marcel Pagnol
8. No et Moi, Delphine de Vigan
9. Une si longue lettre, Mariama Bâ
10. Bonjour Tristesse, Françoise Sagan

Websites

- www.rtl.fr/
- www.thelocal.fr/
- www.bonjourdefrance.co.uk/
- <https://www.newsinslowfrench.com/>
- <https://dailyfrenchpod.com/>
- <https://www.radiofrance.fr/podcasts>
- <https://www.franceculture.fr/emissions/sur-la-route>

Films

- La Haine, dir. Mathieu Kassovitz (1995)
- Au Revoir les Enfants, dir. Louis Malle (1987)
- Chocolat, dir. Claire Denis (1988)
- Cléo de 5 à 7, dir. Agnès Varda (1962)
- Deux Jours, une Nuit, dirs. Jean-Pierre Dardenne, Luc Dardenne (2014)
- Entre les murs, dir. Laurent Cantet (2008)
- Intouchables, dirs. Oliver Nakache, Eric Toledano (2011)
- La Vie en Rose, dir. Olivier Dahan (2007)
- Le Dernier Métro, dir. François Truffaut (1980)
- Les Choristes, dir. Christophe Barratier (2004)
- Les 400 Coups, dir. François Truffaut (1959)
- Un Long Dimanche de Fiançailles, dir. Jean-Pierre Jeunet (2004)
- Qu'est-ce qu'on a fait au bon Dieu ?, dir Philippe de Chauveron (2014)
- La Rafle, dir Rose Bosch (2010)
- There is a wealth of French cinema to explore. You may wish to start with the following:
- *37 Degres le Matin (Betty Blue)*, dir Jean-Jacques Beineix, 1986
- *Trois Couleurs: bleu, blanc et rouge*, dir Krzysztof Kieślowski, 1993
- *L'Auberge Espagnole trilogy*, dir Cedric Klapisch, 2002

Documentaries / series

- Call My Agent
- Black Spot
- La Mante
- The Forest
- The Frozen Dead
- November 13: Attack on Paris (Bataclan)
- Marseille

Other Reading Lists

- <https://www.undergraduate.study.cam.ac.uk/courses/modern-and-medieval-languages>
- www.multikultura.org.uk/

GEOGRAPHY

Tim's Top Ten Books

1. The Shock of the Anthropocene
2. The invention of Nature: The Adventures of Alexander von Humboldt, the Lost Hero of Science
3. The Dictionary of Human Geography Clive Oppenheimer, Eruptions that shook the world
4. Prisoners of Geography (Marshall, T)
5. Eruptions that Shook the World, by C. Oppenheimer (2011)
6. Climate Research is Gaining Ground, by O. Heffernan (2016)
7. Seeing like a City, by Amin and Thrift (2016)
8. The Language of City's, by Sudjic (2017)

Documentaries and Films

- The Impossible: True story about the 2004 Indian Ocean Tsunami
- Before the Flood
- Cowspiracy
- Wild Caribbean
- Britain Underwater: Fighting the Floods
- When the Immigrants Leave (Dispatches)
- China's Lonely Hearts (Unreported World)
- The world's dirtiest river (Unreported world)
- Forests of Fear (Unreported World)
- Hurricane Hell (Unreported World)
- The World's Dirtiest Air (Unreported World)

Websites

- National Geographic: www.nationalgeographic.com/
- Geographical Association: <http://geography.org.uk/>
- Royal Geographical Society: <https://www.rgs.org/>
- Joint Nature Conservation Committee: <http://jncc.defra.gov.uk/>
- Geological Society: www.geolsoc.org.uk/
- British Geological Survey: www.bgs.ac.uk/

Other Reading Lists

- <http://www.kings.cam.ac.uk/study/undergraduate/subjects/geography/reading.html>
- <https://www.hurtwoodhouse.com/student/humanities/geography/reading-list-2/>
- https://www.geography.org.uk/download/ga_p16readinglist.pdf
- <https://www.geog.ox.ac.uk/study/undergraduate/reading-list.html>
- <https://rodingvalley.net/wp-content/uploads/2019/10/Geography-Reading-List.pdf>
- <https://libguides.reading.ac.uk/c.php?g=470796&p=3424246>

GOVERNMENT AND POLITICS

Tim's Top Ten Books

Books:

1. Niccolo Machiaveli - The Prince
2. John Locke - Two Treatises of Government.
3. Jean Jacques Rousseau - The Social Contract.
4. Clash of civilisations by Samuel Huntington.
5. Politics Among Nations, Hans Morgenthau.
6. Anarchy, State and Utopia by Robert Nozick
7. An Introduction to Political Philosophy, by J. Wolff (2006)
8. Developments in British Politics, by C. Hay et al (2016)
9. Politics, by D. Runciman (2014)
10. Political Ideologies: An Introduction, by A. Heywood (2018)

Websites:

- <https://m.huffingtonpost.co.uk/politics/>
- <https://order-order.com>
- <https://www.theguardian.com/politics/blog>
- <https://www.politics.co.uk>
- <https://www.libdemvoice.org>
- <https://www.conservativehome.com>
- <https://labourlist.org>
- <https://www.spectator.co.uk>
- <https://www.totalpolitics.com>
- <http://filibuster.org.uk/category/uk-politics/>
- Oxford Politics microsite: <http://politicsinspires.org/>
- The Economist magazine: www.economist.com/
- Political Studies Association: www.psa.ac.uk/
- UK parliament: www.parliament.uk/ United Nations: www.un.org/en/
- Chatham House on International Affairs: www.chathamhouse.org/
- Amnesty: <http://amnesty.org/>

Public Lectures

- **Conway Hall-** <https://conwayhall.org.uk/events/>

Podcasts

- Talking Politics (weekly podcast): <https://www.talkingpoliticspodcast.com>
- <https://choice.npr.org/index.html?origin=https://www.npr.org/podcasts/510310/npr-politics-podcast>
- <https://fivethirtyeight.com/tag/politics-podcast/>

Other reading lists

- <http://tutor2u.net/blog/index.php/politics/comments/politics-reading-list/>
- <https://foreignpolicy.com/2009/04/09/my-top-ten-books-every-student-of-international-relations-should-read/>

HISTORY

Tim's Top Ten Books

1. Orlando Figes – Revolutionary Russia, 1891-1991 – a good overview
2. Robert Service - The Penguin History of Modern Russia: From Tsarism to the Twenty-first Century
3. Delia Davin – Mao, A very short introduction
4. Ian Mortimer – A Time Traveller's Guide to Medieval England
5. Inside the Medieval Mind – Professor Robert Bartlett
6. Civilisations – Mary Beard, David Olusoga, Simon Schama
7. Royal History's Biggest Fibs – Lucy Worsley
8. Peter Frankopan – The Silk Roads
9. Jenni Murray – A History of Britain in 21 Women & A History of the World in 21 Women
10. John Arnold – History, a very short introduction

Websites

- Internet Medieval Sourcebook - www.fordham.edu/halsall/sbook2.asp
- Internet Modern Sourcebook – www.fordham.edu/halsall/mod/modsbook.asp
- Reviews in History: www.history.ac.uk/reviews/
- British Museum: www.britishmuseum.org/
- History Today Magazine: www.historytoday.com/
- Orlando Figes – Revolutionary Russia site
- BBC History Magazine – History Extra
- Historical Association
- Future Learn
- BBC History: www.bbc.co.uk/hitory/
- Royal Historical Society: www.royalhistoricalsociety.org/
- Fitzwilliam Museum: www.fitzmuseum.cam.ac.uk/onlineresources/
- Ashmolean Museum: www.ashmolean.org/collections/

Podcasts

- BBC History Extra Podcasts – History Extra
- BBC In Our Time History podcasts

Online Lectures

- Gresham College Lectures
- Massolit online lectures

Other reading lists

- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/history-reading-lists>
- <https://www.soas.ac.uk/blogs/study/history-an-introductory-reading-list/>
- <https://www.ucl.ac.uk/library/teaching-learning-services-tls/readinglistsucl>
- http://lib5.leeds.ac.uk/rlists/broker/?bbModuleId=201718_29679_HIST1055&bbListId=4747949_1&bbLastListId=4509868_1

LAW

Tim's Top Ten Books

Books

1. The Rule of Law Tom Bingham
2. The Secret Barrister Narrated by Jack Hawkins on Audible
3. Letters to a Law Student Nicholas McBride Glanville Williams
4. Learning the Law
5. Eve Was Framed Helena Kennedy
6. What About Law? Catherine Barnard
7. The Law Machine Clare Dyer and Marcel Berlins
8. How Law Works Gary Slapper
9. To Kill a Mockingbird Harper Lee
10. Justice: What's the Right Thing To Do? Michael Sandel

Films and TV Series

- YouTube: Michael Sandel Lectures on Justice Killers
- iPlayer (BBC) <https://www.bbc.co.uk/iplaye>
- Crime and Punishment (History of the Law)
- The Briefs YouTube
- HARDtalk interview with Lady Hale YouTube
- The Bar YouTube
- To Kill a Burglar YouTube
- The Trial: Murder in the Family All4

Public Lectures

- Conway Hall <https://conwayhall.org.uk/events/>

Websites

- Department of Justice: www.justice.gov.uk/
- Judiciary of England and Wales: www.judiciary.gov.uk/
- Legislation database: www.legislation.gov.uk/
- Counsel Magazine: www.counselmagazine.co.uk/
- Guardian Law pages: www.guardian.co.uk/law
- BBC Law in Action: www.bbc.co.uk/programmes/b006tgy1

LSE ALISON WETHERFIELD LAW PROGRAMME (YEAR 12)

- <http://www.lse.ac.uk/study/undergraduate/informationForTeachersAndSchools/wideningP>

Other reading lists

- <http://www.kings.cam.ac.uk/files/undergraduate/law-reading-for-prospective-students.pdf>
- <https://www.oxfordscholastica.com/blog/10-books-every-law-student-should-read/>
- <https://www.soas.ac.uk/blogs/study/law-an-introductory-reading-list/>
- <http://www.ox.ac.uk/admissions/undergraduate/courses/suggested-reading-and-resources>
- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/law-reading-list>
- <https://intranet.royalholloway.ac.uk/criminologyandsociology/documents/pdf/lawreadinglist.pdf>

MATHS

Tim's Top Ten Books

1. Edwin A Abbott – Flatland
2. Petr Beckmann – A History of Pi
3. Alex Bellos – Alex's Adventures in Numberland, Alex through the Looking Glass
4. Paul Hoffman – The Man Who Loved Only Numbers
5. Darrell Huff – How to Lie with Statistics
6. Eli Maor – e: The Story of a Number
7. Marcus du Sautoy – The Music of Primes
8. Simon Singh – Fermat's Last Theorem, The Simpsons and their Mathematical Secrets
9. Equations that Changed the World
10. Professor Stewart's Cabinet of Mathematical Curiosities

Websites

- Millennium Mathematics Project: <http://mmp.maths.org/>
- Institute of Mathematics: www.ima.org.uk/
- Plus Magazine: <http://plus.maths.org/content/> Further Maths Support Network: www.fmnetwork.org.uk/#
- STEP website: www.admissionstests.cambridgeassessment.org.uk/adt/step
- STEP preparation: <http://www.physicsandmathstutor.com/step/>

Competitions and Programmes

- National Cipher Challenge: www.cipher.maths.soton.ac.uk/
- **KCL King's Factor Maths Programme-**
<http://www.kcl.ac.uk/nms/depts/mathematics/about/KingsFactor/kingsfactor.aspx>

Podcasts

- <https://podcasts.ox.ac.uk/series/secrets-mathematics>
- <https://medium.com/however-mathematics/all-podcasts-for-mathematics-people-e684c9cac79b>
- <https://www.bbc.co.uk/programmes/b00srz5b/episodes/downloads>

Other Reading Lists

- https://www.maths.cam.ac.uk/undergraduate-admissions/reading_list.pdf
- www.maths.cam.ac.uk/undergraduate-admissions/workbook.pdf
- <http://www.maths.ox.ac.uk/study-here/undergraduate-study/practice-problems>
- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/mathematics-reading-list>
- <https://www.perse.co.uk/wp-content/uploads/2016/05/Cambridge-reading-list.pdf>
- <https://mei.org.uk/books2>

MEDICINE

Tim's Top Ten Books

1. Conversations with Neil's Brain, by Calvin and Ojamann (1995)
2. The Man Who Mistook his Wife for a Hat, by O. Sacks (1986)
3. This is going to hurt
4. Oxford Textbook of Functional Anatomy, by P. MacKinnon and J. Morris (2005)
5. The Selfish Gene, by R. Dawkins (2006) - careful, lots of candidates read this one!
6. The Immortal Life of Henrietta Lacks
7. Complications and Better
8. Where Does It Hurt?
9. Trust Me, I'm a Junior Doctor
10. The Rise and Fall of Modern Medicine

Websites

- British Medical Association: <http://bma.org.uk/>
- Royal Society of Medicine: <https://www.rsm.ac.uk/>

Access Programmes

- KCL Medicine in Action- <http://www.kcl.ac.uk/lsm/study/outreach/ks5/actionlecture.aspx>
- UCL Target Medicine- <http://www.ucl.ac.uk/target-medicine>

Other Reading Lists

- Medicine/Veterinary Medicine: <https://www.medsci.ox.ac.uk/study/medicine/pre-clinical/applying/reading>
- <http://www.kings.cam.ac.uk/sites/default/files/admissions/medicine-reading.pdf>
- <https://www.themedicportal.com/prospective-medical-student-reading-list/>
- <https://scopeblog.stanford.edu/2017/10/04/a-medical-students-reading-list/>

MUSIC

Tim's Top Ten Books

1. Cambridge Music Guide, Latham and Stanley
2. The Story of Music, Goodall
3. Musicology: The Key Concepts, Routledge
4. A Guide to Musical Analysis, Cook
5. Music: A Very Short Introduction, Cook
6. An Introduction to Music Studies, Harper-Scott and Samson
7. A History of Western Music, Burkholder, Grout et al.
8. The Cultural Study of Music: A Critical Introduction, Clayton, Herbert et al.
9. Modern Music and After, Griffiths
10. World Music: A Very Short Introduction, Bohlman

Academic Journals

- Journal of Musicology
- Journal of Music Psychology
- British Journal of Music Therapy
- British Journal of Music Education
- Journal of Music, Technology and Education
- The Musical Quarterly

Websites

- Royal Academy of music: www.ram.ac.uk/

Other reading lists

- <https://www.chu.cam.ac.uk/study-us/undergraduates/offer-holders/subject-reading-lists/music/>
- https://www.ox.ac.uk/sites/files/oxford/field/field_document/List%20of%20Recommended%20Reading%20for%20Music.pdf

PHILOSOPHY

Tim's Top Ten Books

1. J L Ackrill, Aristotle the Philosopher
2. A J Ayer Language, Truth, and Logic
3. George Berkeley Three Dialogues between Hylas and Philonous
4. Simon Blackburn Being Good
5. Tim Crane The Mechanical Mind
6. Rene Descartes Meditations
7. Peter Smith An Introduction to Formal Logic
8. T Nagel What Does It All Mean?
9. B Russell The Problems of Philosophy
10. R M Sainsbury Paradoxes. CUP

Online Resources

- Philosophical Society: www.philosophicalsociety.com/

Podcasts

- <https://www.philosophy.ox.ac.uk/podcasts>
- <https://www.bbc.co.uk/programmes/p01f0vzr/episodes/downloads>
- <https://medium.com/the-mission/35-best-philosophy-podcasts-28e79725a696>

Other reading lists:

- <https://www.phil.cam.ac.uk/prosp-students/prosp-ugrad-readlinglist>
- <http://www.kings.cam.ac.uk/study/undergraduate/offerholders/reading-lists/philosophy.html>
- <https://www.balliol.ox.ac.uk/admissions/undergraduate-admissions/philosophy-in-physics-and-philosophy-reading-list>
- <https://www.phil.cam.ac.uk/curr-students/IB/IB-outlines-reading-lists>

PHYSICS

Tim's Top Ten Books

11. Modern Physics
12. Electromagnetism, Principles and Applications
13. Vibrations and Waves in Physics
14. The Elegant Universe – Brian Greene
15. Flatland – Edwin A. Abbot
16. Relativity Made Relatively Easy
17. Six Easy Pieces – Richard P. Feynmann
18. How to Teach Relativity to Your Dog – Chad Orzel
19. Universe in a Nutshell - Stephen Hawking
20. Blackholes and Timewarps: Einstein's Outrageous Legacy - Kip Thorne

Online Resources

- *Institute of Physics* (including free membership for 16-19 year-olds): www.physics.org/
- Isaac Physics: <https://isaacphysics.org/>
- British Physics and Astrophysics Olympiad: www.physics.ox.ac.uk/olympiad/
- Oxford Astronomy site: www.galaxyzoo.org/
- <https://www.futurelearn.com/subjects/science-engineering-and-maths-courses/physics>
- <https://www.open.edu/openlearn/science-maths-technology/introducing-engineering/content-section-0?active-tab=description-tab>
- <https://www.futurelearn.com/subjects/science-engineering-and-maths-courses/earth-science>
- <https://www.open.edu/openlearn/science-maths-technology/astronomy/astronomy-online-telescope/content-section-overview?active-tab=description-tab>
- <https://www.open.edu/openlearn/science-maths-technology/the-big-bang/content-section-0?active-tab=description-tab>
- Oxford Science Blog: www.ox.ac.uk/media/science_blog/

Lectures

- **KCL Evening Physics Lectures** - <http://www.kcl.ac.uk/nms/depts/physics/newsevents/eventrecords/Evening-Physics-Lectures-at-Kings.aspx>
- **The Royal Institution**- <http://www.rigb.org/whats-on>
- **The Royal Society** - <https://royalsociety.org/science-events-and-lectures/>
- **Gresham College** - <https://www.gresham.ac.uk/>

Podcasts

- Cambridge Science Podcasts: www.thenakedscientists.com/HTML/podcasts/
- Oxford Science Podcasts: <http://podcasts.ox.ac.uk/units/mathematical-physical-life-sciences-division>

Other reading lists

- <https://www.hurtwoodhouse.com/student/science/physics/reading-list-3/>

PSYCHOLOGY

Tim's Top Ten Books

1. Phantoms in the Brain, by V.S. Ramachandran and S. Blakeslee
2. Consciousness Explained, by D.C. Bennett
3. The Private Life of the Brain, S. Greenfield
4. Madness Explained, by R. Bentall and A.T. Back
5. The Skeleton Cupboard: The Makings of a Clinical Psychologist
6. The Man Who Mistook His Wife for a Hat
7. Reaching Down the Rabbit Hole: Extraordinary Journeys into the Human Brain
8. Elephants on Acid: And Other Bizarre Experiments
9. The Happiness Hypothesis
10. The Lucifer Effect: Understanding How Good People Turn Evil

TV Shows/ Documentaries

- **The Mind Explained - Netflix**
- **Babies - Netflix**
- **100 Humans - Life's Questions Answered - Netflix**
- **Take your pills - Netflix**

Podcasts

- "Happier with Gretchen Rubin"
- "Hidden Brain"
- "Speaking of Psychology"
- "Waking Up"
- "All in The Mind"
- "99% Invisible"
- <https://www.verywellmind.com/psychology-podcasts-2794800>

News

- The National Institute of Mental Health news page
- The Association for Psychological Science news page
- The Public Library of Science's Mind and Brain blog
- Psychiatric Times

MOOCs

- <https://www.futurelearn.com/>
- <https://www.mooc-list.com/countries/united-kingdom>

Other Reading Lists

- <https://www.pbs.tripos.cam.ac.uk/prospective/faq>
- https://www.ox.ac.uk/sites/files/oxford/media_wysiwyg/EP_PPL_Suggested_Reading_List_June_20_13.pdf
- <https://web.stanford.edu/group/vista/cgi-bin/wandell/suggested-reading-in-psychology/>
- www.dur.ac.uk/natural.sciences/freshers/rlists/psyc/
- British Psychological Society: www.bps.org.uk/
- The Psychologist Journal: www.thepsychologist.org.uk/
- <https://thepsychologist.bps.org.uk/ultimate-psychology-reading-list>

THEOLOGY AND RELIGIOUS STUDIES

Tim's Top Ten Books

1. Not In God's Name: Confronting Religious Violence: J. Sacks
2. The Sociology of Religion: M.B. Hamilton
3. Thinking about God: An Introduction to Theology: D. Solle
4. The Making of Moral Theology: J.D. Mahoney
5. Comparing Religions Through Law: T. Sonn and J. Neusner
6. The Summa Theologica: Thomas Aquinas
7. Tractatus logico-philosophicus: Ludwig Wittgenstein
8. Nausea: Jean Paul Sartre
9. Think: Simon Blackburn
10. An introduction To the Philosophy of religion: Brian Davies

Internet sites

- <https://plato.stanford.edu/>
- <https://www.iep.utm.edu/>
- <https://www.rep.routledge.com/>
- <https://www.britannica.com/>
- <https://www.closetotruth.com/>
- <http://www.bbc.co.uk/religion/0/>
- www.ianramseycentre.info/

Podcasts

- BBC Religion and Ethics <http://www.bbc.co.uk/religion/0/>

Other reading lists

- <https://www.divinity.cam.ac.uk/currentstudents/ba/introductory-reading>
- <https://www.greek.divinity.cam.ac.uk/>
- <http://www.kings.cam.ac.uk/study/undergraduate/offerholders/reading-lists/theology.html>
- <https://revisesociology.com/2016/07/04/introduction-sociology-undergraduate-degree-reading/>
- <https://www.hurtwoodhouse.com/student/humanities/sociology/reading-list-3/>

SOCIOLOGY AND OTHER SOCIAL SCIENCES

Tim's Top Ten Books

1. Gurminder Bhambra (2014) Connected sociologies.
2. Jack Goldstone. ed. (1994) Revolutions: theoretical, comparative, and historical studies
3. Kristin Surak (2012) Making tea, Making Japan: Cultural nationalism in practice
4. Nira Yuval-Davis (2011) The politics of belonging: Intersectional contestations
5. R W Connell (2009) Gender (2nd edition)
6. Richard Sennett (2012) Together: The rituals, pleasures and politics of cooperation.
7. Women and Power, by M. Beard (2017)
8. Brexit: Why Britain Voted to Leave the European Union, by M. Goodwin et al. (2017)
9. Patricia Hill Collins (2000) Black feminist thought: Knowledge, consciousness and the politics of empowerment
10. The Lost Majority, by M. Ashcroft (2017)

Websites

- Discover Anthropology: www.discoveranthropology.org.uk/
- Royal Anthropological Institute: <http://therai.org.uk/>
- Association on Social Anthropologists: <http://theasa.org/>
- Sociology www.goodreads.com/list/show/2034.Sociology_Books
- British Sociological Association: www.britisoc.co.uk/
- British journal of Sociology: <http://www2.lse.ac.uk/BJS/home.aspx>
- BBC Thinking Allowed: www.bbc.co.uk/programmes/b006qy05

Other Reading Lists

- <https://www.hsps.cam.ac.uk/prospective-students/subjects>
- <https://www.soas.ac.uk/library/subjects/anthropology/general-resources-and-organisations/>

SPANISH

Tim's Top Ten Books

1. Pountain, Christopher J., 2003. *Exploring the Spanish Language* (London: Arnold)
2. Francisca Castro, *Uso de la gramática española*, (nivel avanzado),
3. John Butt and Carmen Benjamin, *A New Reference Grammar of Modern Spanish*
4. Campus Sur. *Libro del alumno* (Barcelona: Difusión, 2017)
5. P. H Matthews, *Linguistics: A Very Short Introduction* (Oxford)
6. Roberto Gonzalez Echevarria, *Modern Latin American Literature: A Very Short Introduction* (Oxford)
7. Sor Juana Inés de la Cruz, *A Sor Juana Anthology*
8. *La fiesta del Chivo*, Vargas Llosa
9. *Poesías completas*, M Alvar
10. *El médico de su honra*, D W Cruickshank

Other Authors

- Gabriel Garcia Marquez
- Federico Garcia Lorca
- Mario Vargas Llosa
- Isabel Allende
- Jorge Luis Borges
- Carmen Martín Gaité

Films

- *Tambien la lluvia*, dir Iciar Bollaín (2003)
- Films by Pedro Almodóvar

Websites

- <https://www.elpais.es>
- <https://www.elmundo.es>
- <https://cvc.cervantes.es/portada.htm>
- www.multikultura.org.uk/

Podcasts

- <https://www.notesinspanish.com/>
- <https://www.espanolistas.com/>

Other Reading Lists

- <https://www.mod-langs.ox.ac.uk/reading-list>
- <https://www.colorado.edu/spanish/graduate/reading-list/eighteenth-and-nineteenth-century-spanish-literature>
- <https://www.colorado.edu/spanish/graduate/reading-list/nineteenth-century-spanish-american-literature>
- <https://www.colorado.edu/spanish/graduate/reading-list/twentieth-and-twenty-first-century-spanish-literature>
- <https://www.colorado.edu/spanish/graduate/reading-list/twentieth-and-twenty-first-century-spanish-american-literature>