

# SCIENCE & TECHNOLOGY STUDIES

## 2017-2018 Courses

Check out this course listing on the Web!

<http://www.sts.cornell.edu>

\* IMPORTANT NOTE: Please be sure to view the most accurate course information using the Class Roster: <https://classes.cornell.edu> and Courses of Study: <http://courses.cornell.edu/> webpages.

### I. FIRST-YEAR WRITING SEMINARS (may be used as prerequisite for the major).

#### FALL

- STS 1113 Vital Politics: Science, Medicine, Activism, 3 cr.
- STS 1116 Global Darwin, 3 cr.
- STS 1123 Technology & Society Topics: How to Build a Scientist, 3 cr.
- STS 1126 Science & Society Topics: Making the Scientific Subject: An Intersectional Feminist Approach, 3 cr.
- STS 1126 Science & Society Topics: Stories of (Agri)Culture, 3 cr.

#### SPRING

- STS 1123 Technology & Society Topics: Digital Media, Digital Cultures, 3 cr.
- STS 1126 Science & Society Topics: Vision, Knowledge, Power, 3 cr.

### II. INTRODUCTORY COURSES

- STS 1101 Science, Technology, and Politics, 3 cr.
- STS 1102 Histories of the Future (HIST 1620) 4 cr.

### III. CORE COURSE (required)

- STS 2011 What is Science? An Introduction to the Social Studies of Science and Technology (SOC 2100) 3 cr.

### IV. STS COURSES (three additional 2000 level course, and four 3000 level courses or above with a minimum of two at the 4000 level or higher, to total 34 credits)

- STS 1201 Information, Ethics, Law and Policy (INFO 1200) 3 cr.
- STS 1941 The History of Science in Europe: From the Ancient Legacy to Isaac Newton (HIST/BSOC 1941) 4 cr.
- STS 1942 The History of Science in Europe: Newton to Darwin; Darwin to Einstein (HIST/BSOC 1942) 4 cr.
- STS 2051 Ethical Issues in Health and Medicine (BSOC 2051) 4 cr.
- STS 2061 Ethics and the Environment (BSOC 2061, PHIL 2460) 4 cr.
- STS 2071 Introduction to the History of Medicine (BSOC 2071/HIST 2710) 4 cr.
- STS 2121 Sophomore Seminar: Sound Studies, 3 cr.
- STS 2122 Darwin and the Making of Histories (HIST/BSOC 2122) 4 cr.
- STS 2131 Science Fiction (COML/ENGL 2035/BSOC 2131) 4 cr.
- STS 2231 Energy in History (HIST 2131) 4 cr.
- STS 2381 Ten Technologies that Shook the World? (HIST 2881) 3 cr.
- STS 2451 Introduction to Bioethics (PHIL 2455) 4 cr.
- STS 2468 Medicine, Culture, and Society (ANTHR/BSOC 2468) 3 cr.

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| STS | 2501 | <b>Technology in Society</b> (ENGRG/ECE/HIST 2500) 3 cr.   |
| STS | 2561 | <b>Medicine and Healing in China</b> (old STS/BSOC 2261) (HIST 2562, ASIAN/CAPS 2262, BSOC 2561) 4 cr.                                     |
| STS | 2621 | <b>Gendering Religion, Science, and Technology</b> (AMST/FGSS 2621) 4 cr.  |
| STS | 2641 | <b>The Technology of Ancient Rome</b> (ARKEO/CLASS 2641) 4 cr.   |
| STS | 2751 | <b>Ethical Issues in Intelligent Autonomous Systems: Robot Ethics</b> (ECE/ENGRG 2750) 3 cr.   |
| STS | 2761 | <b>Governing Everyday Life</b> (SOC 2760) 4 cr.  |
| STS | 2811 | <b>Science in Western Civilization: Medieval and Early-Modern Europe to Isaac Newton</b> (HIST 2810) 4 cr.                                 |
| STS | 2821 | <b>Science in Western Civilization: Newton to Darwin, Darwin to Einstein</b> (BSOC 2821/HIST 2820) 4 cr.                                   |
| STS | 2831 | <b>Introduction to the Philosophy of Science</b> (PHIL 2810) 3 cr.   |
| STS | 2841 | <b>Viruses- Humans- Viral Politics (Social History and Cultural Politics of HIV &amp; AIDS)</b><br>(ANTHR 2021, BSOC/FGSS/LGBT 2841) 4 cr. |
| STS | 2851 | <b>Communication, Environment, Science, and Health</b> (COMM 2850) 3 cr.   |
| STS | 2871 | <b>Evolution</b> (BIOEE 2070) 3 cr.  |
| STS | 2921 | <b>Inventing an Information Society</b> (AMST/ECE/ENGRG 2980, HIST 2920, INFO 2921) 3 cr.  |
| STS | 3011 | <b>Life Sciences and Society</b> (BSOC 3011) 4 cr.   |
| STS | 3020 | <b>Science Writing for the Media</b> (COMM 3020) 3 cr.   |
| STS | 3031 | <b>Making Things Nuclear</b> , 4 cr.   |
| STS | 3111 | <b>Sociology of Medicine</b> (BSOC/DSOC 3111/SOC 3130) 4 cr.   |
| STS | 3121 | <b>Sound Studies: An Introduction</b> (MUSIC 3432) 4 cr.   |
| STS | 3181 | <b>Living in an Uncertain World: Science, Technology, and Risk</b> (HIST/BSOC 3181/AMST 3185) 4 cr.  |
| STS | 3231 | <b>Global Health Security and Diplomacy</b> (BSOC 3231) 4 cr. Cornell in Washington Course.  |
| STS | 3241 | <b>Environmental Sociology</b> (DSOC 3240/SOC 3240) 3 cr.  |
| STS | 3301 | <b>Making Modern Science</b> (HIST 3290) 4 cr.   |
| STS | 3311 | <b>Environmental Governance</b> (BSOC/NTRES/DSOC 3311) 3 cr.   |
| STS | 3460 | <b>Anthropology of the Body</b> (ANTHR 3465/BSOC 3460) 4 cr.   |
| STS | 3541 | <b>The Sociology of Contemporary Culture</b> (BSOC 3541, DSOC 3540, SOC 3520) 4 cr.  |
| STS | 3551 | <b>Computers: From the 17C. to the Dot.Com Boom</b> (INFO/COMM 3551) 4 cr.   |
| STS | 3561 | <b>Computing Cultures</b> (INFO 3561/COMM/VISST 3560/ANTHR 3061) 4 cr.   |
| STS | 3601 | <b>Ethical Issues in Engineering Practice</b> (ECE/ENGRG 3600) 3 cr.   |
| STS | 3571 | <b>Engineering in American Culture</b> (ENGRG/HIST 3570) 4 cr.   |
| STS | 3651 | <b>Freud and the Invention of Psychoanalysis</b> (FREN, ROMS 3560, FGSS, GERST 3561, COML 3781) 3 cr.                                      |
| STS | 3841 | <b>Nuclear Fiction</b> (COML 3848) 4 cr.   |
| STS | 3871 | <b>The Automatic Lifestyle: Consumer Culture and Technology</b> (INFO 3871) 4 cr.  |
| STS | 3911 | <b>Science in the American Polity: 1960-Now</b> (GOVT 3091, AMST 3911) 4 cr.   |
| STS | 4091 | <b>Sound Studies: From the Phonograph to the I-Pod</b> (SOC 4090) 4 cr.  |

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| STS | 4011 | <b>Genomics and Society</b> (NS 4010) 3-4 cr.  |
| STS | 4021 | <b>Bodies in Medicine, Science, and Technology</b> (BSOC/FGSS 4021) 4 cr.  |
| STS | 4041 | <b>Controversies in Science, Technology and Medicine: What They Are and How to Study Them</b> , 4 cr.  |
| STS | 4071 | <b>Law, Science, and Public Values</b> (BSOC 4071) 4 cr.   |
| STS | 4101 | <b>Becoming Animal: The Entangled Lives of Humans and Animals</b> , (BSOC/ANTHR 4101) 4 cr.  |
| STS | 4111 | <b>Knowledge, Technology and Property</b> , 4 cr.  |
| STS | 4120 | <b>The Scientific Revolution in Early-Modern Europe</b> (BSOC 4121/HIST 4120) 4 cr.  |
| STS | 4121 | <b>Science, Technology, Culture</b> (COML 4100/VISST 4120) 4 cr.   |
| STS | 4122 | <b>Darwin and the Making of Histories</b> (HIST 4122, BSOC 4122) 4 cr.   |
| STS | 4131 | <b>Comparative Environmental History</b> (BSOC/HIST 4131) 4 cr.  |
| STS | 4151 | <b>Environmental Interventions</b> (SHUM 4150) 4 cr.   |
| STS | 4200 | <b>Information Policy: Research, Analysis, and Design</b> (INFO 4200, COMM 4201) 3 cr.   |
| STS | 4231 | <b>Gender and Technology in Historical Perspectives</b> (FGSS/HIST 4231) 4 cr.   |
| STS | 4240 | <b>Designing Technology for Social Impact</b> (INFO 4240) 3 cr.  |
| STS | 4251 | <b>Climate History: New Perspectives of Science, Society, and Environment</b> (HIST 4255) 4 cr.  |
| STS | 4291 | <b>Politics of Science</b> (GOVT 4291/BSOC 4291) 4 cr.   |
| STS | 4301 | <b>Social Studies of Space, Technologies and Borders</b> (DSOC 4301/GOVT 4807) 4 cr.   |
| STS | 4303 | <b>The GMO Debate: Science and Society</b> (BSOC/GOVT/PLBIO/PLSCS/PLBRG/IARD 4303) 4 cr.   |
| STS | 4311 | <b>From Surgery to Simulation</b> (BSOC 4311/ANTHR 4311) 4 cr.   |
| STS | 4331 | <b>Science, Technology and Globalization</b> , 4 cr.   |
| STS | 4341 | <b>Science and Empire: The Case of Britain and India</b> , 4 cr.   |
| STS | 4351 | <b>Postcolonial Science</b> (BSOC 4351/ANTHR 4435/7435) 4 cr.  |
| STS | 4352 | <b>Medieval Cosmologies: Text, Image, and Music</b> (ARTH 4352/6352, CLASS 4753/7753, MEDVL 4352/6352, MUSIC 4352, NES 4352/6352, RELST 4352/6352, STS 6352, VISST 4352) 4 cr. |
| STS | 4391 | <b>The Science of Spying: S&amp;TS in U.S. Intelligence</b> (BSOC 4391, GOVT 4897) 4 cr.   |
| STS | 4421 | <b>The Sociology of Science</b> (BSOC 4421, SOC 4420) 4 cr.  |
| STS | 4451 | <b>Making Science Policy: The Real World</b> , 4 cr.   |
| STS | 4471 | <b>Seminar in the History of Biology</b> (BSOC 4471/PHIL 3490/HIST 4150/LAW 7652) 4 cr.  |
| STS | 4531 | <b>Knowledge and Society</b> (SOC 4530) 4 cr.  |
| STS | 4541 | <b>Risk and Society</b> , 4 cr.  |
| STS | 4561 | <b>Stars, Scores, and Rankings: Evaluation and Society</b> (SOC 4560/INFO 4561) 4 cr.  |
| STS | 4581 | <b>Intelligibility in Science</b> (HIST 4580) 4 cr.  |
| STS | 4610 | <b>Media and Elemental Things</b> (SHUM/VISST 4610) 4 cr.  |
| STS | 4616 | <b>Corrupting Environmental Media</b> (SHUM 4616) 4 cr.  |

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| STS | 4618 | <b>Data Corruption's Deep History</b> (SHUM 4618) 4 cr.   |
| STS | 4631 | <b>Ordering Knowledge: Pliny's Encyclopedia and Successors</b> (CLASS 4639/7639, COML 4639/6639) 3-4 cr.                                |
| STS | 4661 | <b>Public Communication of Science and Technology</b> (COMM 4660) 3 cr.   |
| STS | 4691 | <b>Food, Agriculture, and Society</b> (BSOC 4691, BIOEE 4690) 3 cr.   |
| STS | 4731 | <b>Knowledge and Politics in Seventeenth Century England</b> (HIST 4710) 4 cr.  |
| STS | 4741 | <b>Science, Medicine, the Body: A Critical Race and Feminist Inquiry</b> , (BSOC 4741, BSOC/STS 7741, FGSS 4114/7114) 3 cr.             |
| STS | 4751 | <b>Science, Race, and Colonialism</b> (HIST 4751) 4 cr.   |
| STS | 4771 | <b>Advanced Seminar on Science, Technology and Politics</b> (BSOC 4771) 4 cr.   |
| STS | 4821 | <b>What Was Film?</b> (GERST/COML 4312, PMA 4512) 4 cr.   |
| STS | 4841 | <b>What is (an) Epidemic? (Infectious Diseases in Historical, Social, and Political Perspective)</b> (ANTHR 4041, BSOC/FGSS 4841) 4 cr. |
| STS | 4901 | <b>The Integrity of Scientific Practice</b> , 4 cr.   |
| STS | 4911 | <b>Vitality and Power in China</b> (BSOC 4911/HIST/CAPS /RELST 4931/ASIAN 4429) 4 cr.   |
| STS | 4921 | <b>The History of Reason</b> (BSOC 4921, SHUM/HIST 4923) 4 cr.  |
| STS | 4951 | <b>Social Studies of the Human Sciences</b> , 4 cr.   |
| STS | 4961 | <b>History of Medicine and Healing in China</b> (BSOC 4961, ASIAN 4469, HIST 4961) 4 cr.  |
| STS | 4966 | <b>Science, Technology and Medicine: The Sonic Dimension</b> (BSOC 4966, MUSIC 4466, SOC 4970) 4 cr.                                    |

*SUMMER* (check Summer Session website: [summercollege.cornell.edu](http://summercollege.cornell.edu) and brochure for information)

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| STS | 2071 | <b>Introduction to the History of Medicine</b> (BSOC 2071/HIST 2710) 4 cr.                               |
| STS | 2821 | <b>Science in Western Civilization: Newton to Darwin, Darwin to Einstein</b> (BSOC 2821/HIST 2820) 4 cr. |
| STS | 2871 | <b>Evolution</b> (BIOEE 2070) 3 cr.  |

#### V. OTHER (Independent Study, Honors)

*FALL and/or SPRING*

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| STS | 3991      | <b>Independent Study</b> , Fall/Spring. 1-6 cr. Apply online: <a href="https://data.arts.cornell.edu/as-stus/indep_study_intro.cfm">https://data.arts.cornell.edu/as-stus/indep_study_intro.cfm</a> . |
| STS | 4991/4992 | <b>Honors Project (BSOC 4991/4992)</b> , 8 cr. Full year course. <b>Application required.</b> Apply in 303 Morrill Hall. Mandatory biweekly meetings take place during the fall semester. Staff.      |

#### VI. GRADUATE-LEVEL COURSES

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| STS | 6031 | <b>Cyber Conflict, and Trust</b>  |
| STS | 6061 | <b>Science, Technology and Capitalism</b> (HIST 6065)                                     |
| STS | 6071 | <b>Ethnomethodology</b>   |
| STS | 6101 | <b>Sense, Movement, Sociality</b> (ANTHR 6101)  |
| STS | 6116 | <b>Scale Matters: Problems in the Global Study of Science and Technology</b>              |
| STS | 6121 | <b>Environmental History</b> (HIST 6221)  |
| STS | 6181 | <b>Confluence: Environmental History and Science &amp; Technology Studies</b> (HIST 6181) |

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| STS | 6201 | <b>Intelligibility in Science</b>  |
| STS | 6231 | <b>A New Atlantis: Early Modern Literature, Science and Empire</b>   |
| STS | 6251 | <b>Visualization and Discourse in Science</b>  |
| STS | 6271 | <b>Making People Through Expert Knowledge</b>  |
| STS | 6281 | <b>Self and Society</b>  |
| STS | 6291 | <b>Knowledge &amp; Politics in 17th Century England</b>  |
| STS | 6301 | <b>Social Theory</b>   |
| STS | 6311 | <b>Qualitative Research Methods for Studying Science (SOC 6310)</b>  |
| STS | 6321 | <b>Inside Technology (SOC 6320)</b>  |
| STS | 6331 | <b>Anthropology of Biomedicine</b>   |
| STS | 6341 | <b>Information Technology in Sociocultural Context</b>   |
| STS | 6352 | <b>Medieval Cosmologies: Text, Image, and Music (ARTH 4352/6352, CLASS 4753/7753, MEDVL 4352/6352, MUSIC 4352, NES 4352/6352, RELST 4352/6352, STS 6352, VISST 4352)</b> |
| STS | 6401 | <b>Science, Technology, Gender: Historical Issues (FGSS 6400/HIST 6410)</b>  |
| STS | 6451 | <b>The New Life Sciences: Emerging Technology, Emerging Politics</b>   |
| STS | 6460 | <b>Anthropology of the Body (ANTHR 6465)</b>   |
| STS | 6481 | <b>Readings in the History of Medicine. (HIST 6491)</b>  |
| STS | 6541 | <b>Science and Policy-Making: The Two Cultures</b>   |
| STS | 6561 | <b>Technologies of Valuation (INFO 6561)</b>   |
| STS | 6641 | <b>Constructionism in Social Science</b>   |
| STS | 6661 | <b>Public Engagement in Science (COMM 6660)</b>  |
| STS | 6671 | <b>Tools for Analyzing Energy and Society Module, 1 cr. (CHEME 6673, ECE 5510)</b>   |
| STS | 6751 | <b>Historical Issues of Science, Technology, Race, and Colonialism (HIST 6751)</b>   |
| STS | 6801 | <b>Seminar in Historiographical Approaches to Science (HIST 6800)</b>  |
| STS | 6991 | <b>Independent Study, Apply in 303 Morrill Hall</b>  |
| STS | 7001 | <b>Special Topic 1: Science Studies and the Politics of Science</b>  |
| STS | 7003 | <b>Special Topic 3: Issues in the Cultural History of Technology (HIST 7000)</b>   |
| STS | 7111 | <b>Introduction to Science and Technology Studies (HIST 7110)</b>  |
| STS | 7151 | <b>Ethnographies of Scientific Practice</b>  |
| STS | 7201 | <b>Studying Emerging Technologies</b>  |
| STS | 7211 | <b>Archiving Contemporary Science</b>  |
| STS | 7213 | <b>History of Sound (MUSIC 7213)</b>   |
| STS | 7631 | <b>Ordering Knowledge: Pliny's Encyclopedia and its Successors (CLASS 7639, COML 6639)</b>   |
| STS | 7741 | <b>Science, Medicine, the Body: A Critical Race and Feminist Inquiry (STS 4741, FGSS 4114/7114)</b>  |

