

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 (may count towards major requirements only if taken as a prerequisite prior to applying or within first two semesters in the major)

- 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.

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

STS	4091	Sound Studies: From the Phonograph to the I-Pod (SOC 4090) 4 cr.
STS	4011	Genomics and Society (NS 4010) 3-4 cr.
STS	4021	Bodies in Medicine, Science, and Technology (BSOC/FGSS 4021) 4 cr.
STS	4041	Controversies in Science, Technology and Medicine: What They Are and How to Study Them , 4 cr.
STS	4071	Law, Science, and Public Values (BSOC 4071) 4 cr.
STS	4101	Becoming Animal: The Entangled Lives of Humans and Animals , (BSOC/ANTHR 4101) 4 cr.
STS	4111	Knowledge, Technology and Property , 4 cr.
STS	4120	The Scientific Revolution in Early-Modern Europe (BSOC 4121/HIST 4120) 4 cr.
STS	4121	Science, Technology, Culture (COML 4100/VISST 4120) 4 cr.
STS	4122	Darwin and the Making of Histories (HIST 4122, BSOC 4122) 4 cr.
STS	4131	Comparative Environmental History (BSOC/HIST 4131) 4 cr.
STS	4151	Environmental Interventions (SHUM 4150) 4 cr.
STS	4200	Information Policy: Research, Analysis, and Design (INFO 4200, COMM 4201) 3 cr.
STS	4231	Gender and Technology in Historical Perspectives (FGSS/HIST 4231) 4 cr.
STS	4240	Designing Technology for Social Impact (INFO 4240) 3 cr.
STS	4251	Climate History: New Perspectives of Science, Society, and Environment (HIST 4255) 4 cr.
STS	4291	Politics of Science (GOVT 4291/BSOC 4291) 4 cr.
STS	4301	Social Studies of Space, Technologies and Borders (DSOC 4301/GOVT 4807) 4 cr.
STS	4303	The GMO Debate: Science and Society (BSOC/GOVT/PLBIO/PLSCS/PLBRG/IARD 4303) 4 cr.
STS	4311	From Surgery to Simulation (BSOC 4311/ANTHR 4311) 4 cr.
STS	4331	Science, Technology and Globalization , 4 cr.
STS	4341	Science and Empire: The Case of Britain and India , 4 cr.
STS	4351	Postcolonial Science (BSOC 4351/ANTHR 4435/7435) 4 cr.
STS	4352	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) 4 cr.
STS	4391	The Science of Spying: S&TS in U.S. Intelligence (BSOC 4391, GOVT 4897) 4 cr.
STS	4421	The Sociology of Science (BSOC 4421, SOC 4420) 4 cr.
STS	4451	Making Science Policy: The Real World , 4 cr.
STS	4471	Seminar in the History of Biology (BSOC 4471/PHIL 3490/HIST 4150/LAW 7652) 4 cr.
STS	4531	Knowledge and Society (SOC 4530) 4 cr.
STS	4541	Risk and Society , 4 cr.
STS	4561	Stars, Scores, and Rankings: Evaluation and Society (SOC 4560/INFO 4561) 4 cr.
STS	4581	Intelligibility in Science (HIST 4580) 4 cr.
STS	4610	Media and Elemental Things (SHUM/VISST 4610) 4 cr.

STS	4616	Corrupting Environmental Media (SHUM 4616) 4 cr.
STS	4618	Data Corruption's Deep History (SHUM 4618) 4 cr.
STS	4631	Ordering Knowledge: Pliny's Encyclopedia and Successors (CLASS 4639/7639, COML 4639/6639) 3-4 cr.
STS	4661	Public Communication of Science and Technology (COMM 4660) 3 cr.
STS	4691	Food, Agriculture, and Society (BSOC 4691, BIOEE 4690) 3 cr.
STS	4731	Knowledge and Politics in Seventeenth Century England (HIST 4710) 4 cr.
STS	4741	Science, Medicine, the Body: A Critical Race and Feminist Inquiry , (STS 7741, FGSS 4114/7114) 3 cr.
STS	4751	Science, Race, and Colonialism (HIST 4751) 4 cr.
STS	4771	Advanced Seminar on Science, Technology and Politics (BSOC 4771) 4 cr.
STS	4821	What Was Film? (GERST/COML 4312, PMA 4512) 4 cr.
STS	4841	What is (an) Epidemic? (Infectious Diseases in Historical, Social, and Political Perspective) (ANTHR 4041, FGSS 4841) 4 cr.
STS	4901	The Integrity of Scientific Practice , 4 cr.
STS	4911	Vitality and Power in China (BSOC 4911/HIST/CAPS /RELST 4931/ASIAN 4429) 4 cr.
STS	4921	The History of Reason (BSOC 4921, SHUM/HIST 4923) 4 cr.
STS	4951	Social Studies of the Human Sciences , 4 cr.
STS	4961	History of Medicine and Healing in China (BSOC 4961, ASIAN 4469, HIST 4961) 4 cr.
STS	4966	Science, Technology and Medicine: The Sonic Dimension (BSOC 4966, MUSIC 4466, SOC 4970) 4 cr.
<i>SUMMER</i> (check Summer Session website: summercollege.cornell.edu and brochure for information)		
STS	1451	Body, Mind, and Health: Historical Perspectives for Future Professionals , 3 cr.
STS	2131	Science Fiction (COML/ENGL 2035) 4 cr.
STS	2871	Evolution (BIOEE 2070) 3 cr.

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

FALL and/or SPRING

STS 3991 **Independent Study**, Fall/Spring. 1-6 cr. *Must apply online at:*
https://data.arts.cornell.edu/as-stus/indep_study_intro.cfm.

STS 4991/4992 **Honors Project (BSOC 4991/4992)**, 8 cr. Full year course. **Application required.** Apply in 303 Morrill Hall. Mandatory biweekly meetings take place during the fall semester. Staff.

VI. **GRADUATE-LEVEL COURSES**

STS	6031	Cyber Conflict, and Trust
STS	6061	Science, Technology and Capitalism (HIST 6065)
STS	6071	Ethnomethodology
STS	6101	Sense, Movement, Sociality (ANTHR 6101)
STS	6116	Scale Matters: Problems in the Global Study of Science and Technology
STS	6121	Environmental History (HIST 6221)
STS	6181	Confluence: Environmental History and Science & Technology Studies (HIST 6181)
STS	6201	Intelligibility in Science

STS	6231	A New Atlantis: Early Modern Literature, Science and Empire
STS	6251	Visualization and Discourse in Science
STS	6271	Making People Through Expert Knowledge
STS	6281	Self and Society
STS	6291	Knowledge & Politics in 17th Century England
STS	6301	Social Theory
STS	6311	Qualitative Research Methods for Studying Science (SOC 6310)
STS	6321	Inside Technology (SOC 6320)
STS	6331	Anthropology of Biomedicine
STS	6341	Information Technology in Sociocultural Context
STS	6352	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)
STS	6401	Science, Technology, Gender: Historical Issues (FGSS 6400/HIST 6410)
STS	6451	The New Life Sciences: Emerging Technology, Emerging Politics
STS	6460	Anthropology of the Body (ANTHR 6465)
STS	6481	Readings in the History of Medicine, (HIST 6491)
STS	6541	Science and Policy-Making: The Two Cultures
STS	6561	Technologies of Valuation (INFO 6561)
STS	6641	Constructionism in Social Science
STS	6661	Public Engagement in Science (COMM 6660)
STS	6671	Tools for Analyzing Energy and Society Module, 1 cr. (CHEME 6673, ECE 5510)
STS	6751	Historical Issues of Science, Technology, Race, and Colonialism (HIST 6751)
STS	6801	Seminar in Historiographical Approaches to Science (HIST 6800)
STS	6991	Independent Study, Apply in 303 Morrill Hall
STS	7001	Special Topic 1: Science Studies and the Politics of Science
STS	7003	Special Topic 3: Issues in the Cultural History of Technology (HIST 7000)
STS	7111	Introduction to Science and Technology Studies (HIST 7110)
STS	7151	Ethnographies of Scientific Practice
STS	7201	Studying Emerging Technologies
STS	7211	Archiving Contemporary Science
STS	7213	History of Sound (MUSIC 7213)
STS	7631	Ordering Knowledge: Pliny's Encyclopedia and its Successors (CLASS 7639, COML 6639)
STS	7741	Science, Medicine, the Body: A Critical Race and Feminist Inquiry (STS 4741, FGSS 4114/7114)
STS	7937	Proseminar in Peace Studies (GOVT 7937)