SCIENCE & TECHNOLOGY STUDIES

2008-2009 Courses

Check out this course listing on the Web!
http://www.sts.cornell.edu

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

FALL

STS 1123 **Technology & Society Topics: STS, Practices of Art and Science.** 3 cr. MW: 2:55-4:10. H. Rogers.

STS 1126 **Science & Society Topics: Science and Nazism.** 3 cr. TR: 1:25-2:40. R. Schombs.

STS 1126 **Science & Society Topics: Race and Colonialism.** 3 cr. TR: 10:10-11:25. D. Thompson.

STS 1126 **Science & Society Topics: The Public Images of Nanotechnologies,** 3 cr. MW: 8:40-9:55. K. Vignone.

SPRING

STS 1112 **Bugs & Bombs: Thinking about Bioterrorism Threats in a Post 9-11 World.** 3 cr.TR: 8:40-9:55. K. Vogel.

STS 1123 **Technology & Society Topics: The American Atomic Age.** 3 cr. TR: 10:10-11:25. B. Wang.

STS 1126 **Science & Society Topics: Science and Nazism.** 3 cr. TR: 1:25-2:40. R. Schombs.

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)*

FALL

STS 1101 **Science and Technology in the Public Arena.** 3 cr. MWF 9:05-9:55. J. Reppy.

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[STS 1102 **Histories of the Future**. 3 cr. MW: 10:10-11:00 + mandatory discussion session. S. Seth.]

III. CORE COURSE *(required)*

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STS 2011 **What is Science? An Introduction to the Social Studies of Science and Technology** (also SOC 2100)3 cr. MW 10:10-11:00 + sec. Also offered as a 4-credit writing intensive option, by permission only. T. Pinch.

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

FALL

[STS 2121 **Sophomore Seminar: Sound Studies** 3 cr. TR: 1:25-2:40. T. Pinch.]

STS 2051 **Ethical Issues in Health and Medicine** (also BSOC 2051) 4 cr. Limited to 150. TR 8:40-9:55 + sec. S. Hilgartner.

[STS 2331 **Agriculture, History, and Society: From Squanto to Biotechnology** 3 cr. MWF 12:20-1:10. M. Rossiter.]

STS 2501 **Technology in Society** (also ENGRG 2500, ECE 2500, HIST 2500) 3 cr. MWF 2:30-3:20. R. Kline.

STS 2811 **Science in Western Civilization: Medieval and Early-Modern Europe up to Isaac Newton** (also HIST 2810) 4 cr. TR 11:40-12:55 + sec. P. Dear.

STS 2871 **Evolution** (also BIOEE 2070, HIST 2870) 3 cr. TR 10:10-11:00 + sec. W. Provine.

STS 3011 **Life Sciences and Society** (also BSOC 3011) 4 cr. Prereq: two semesters of social science or humanities and one year of intro biology. Limit 75. TR 2:55-4:10. J. Crane.

STS 3301 **Making Modern Science** (also HIST 3290) 4 cr. TR: 1:25-2:40. S. Seth.

[STS 3331 **Genomics and Society** (also DSOC 3330) 3 cr. TR 1:25-2:40. Staff.]

[.....] Course not offered 2008-09

[STS	**3431**	**Biotechnology and the Economy** (also BSOC 3431) 4 cr. MW: 2:55-4:10. J. Reppy.]
STS	**3521**	**Science Writing for the Mass Media** (also COMM 3520) 3 cr. Not open to freshman. Limit 25. Prerequisite: one college writing course. MW 11:15-12:05 + Lab. B. Lewenstein.
[STS	**3541**	**The Sociology of Contemporary Culture** (also BSOC 3541, DSOC 3540, SOC 3520) 4 cr. MW: 11:15-12:05+Sec. C. Leuenberger.]
[STS	**3551**	**Computers: From the 17C. to the Dot.Com Boom** (also INFO/COMM 3551) 4 cr. MWF: 1:25-2:15. *STS 355 and 356 may be taken separately or in any order*. Staff.]
[STS	**3571**	**Engineering in American Culture** (also ENGRG/HIST 3570). 4 cr. TR: 1:25-2:40 + Lab. R. Kline.]
STS	**3811**	**Philosophy of Science: Knowledge and Objectivity** (also PHIL 3810) 4 cr. W 7:30-10:00 pm + sec. R. Boyd.
[STS	**4011**	**Genomics and Society** (also NS 4010) 3-4 cr. Course taught in Washington, DC. Times to be arranged. D. Pelletier]
[STS	**4121**	**Science, Technology, Culture** (also COML 4100/VISST 4120) 4 cr. M: 2:30-4:25. A. Banerjee.]
[STS	**4151**	**Environmental Interventions** (also SHUM 4150) 4 cr. T: 2:30-4:25. P. Sengers.]
STS	**4181**	**Confluence: Environmental History and Science & Technology Studies** (also SHUM/HIST 4811, BSOC 4181), 4 cr. M: 10:10-12:05. S. Pritchard.
[STS	**4201**	**The Darwinian Scientific Revolution** (also BSOC 4201) 4 c. W: 10:10-12:05. Staff.]
[STS	**4221**	**New York Women** (also FGSS 4221/HIST 4450), 4 cr. T: 12:20-2:15. M. Rossiter.]
[STS	**4291**	**Politics of Science** (also GOVT 4290) 4 cr. Next offered in Fall 2009. T: 2:00-4:25. R. Herring.]
[STS	**4311**	**From Surgery to Simulation** 4 cr. MW: 2:55-4:10. R. Prentice.]
STS	**4381**	**Environments & Waterscapes** (also SHUM/HIST/AMST 4813, BSOC 4381) 4 cr. T: 10:10-12:05. A. Sachs.
STS	**4421**	**The Sociology of Science** (also BSOC 4421, SOC 4420) 4 cr. T: 12:20-2:15. T. Pinch.
STS	**4471**	**Seminar in the History of Biology** (also BSOC 4471/BioEE 4670/HIST 4150). Specific topics change each year 4 cr. M: 10:10-12:05. Limit: 15. Sophomores preferred. W. Provine.
STS	**4531**	**Knowledge and Society** (also SOC 4530). 4 cr. M: 2:30-4:25. C. Leuenberger.
[STS	**4681**	**Understanding Innovation**, 4 cr. R: 10:10-12:05. J. Reppy.]
[STS	**4711**	**The Dark Side of Biology: Biological Weapons, Bioterrorism, and Biocriminality** (also BSOC 471) 4 cr. TR: 8:40-9:55. K. Vogel.]
STS	**4751**	**Science, Race, and Colonialism** (also HIST 4640) 4 cr. T: 10:10-12:05. S. Seth.
STS	**4831**	**The Military and New Technology** (also GOVT 4837) 4 cr. MW: 2:55-4:10. J. Reppy.
STS	**4951**	**Social Studies of the Human Sciences**, 4 cr. W: 10:10-12:05. C. Leuenberger.

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STS	**2061**	**Ethics and the Environment** (also BSOC 2061, PHIL 2460) 4 cr. TR 10:10-11:25 + sec. S. Pritchard.
STS	**2821**	**Science in Western Civilization: Newton to Darwin, Darwin to Einstein.** (also HIST 2820) 4 cr. STS 2811 is not a prerequisite to 2821. TR 11:40-12:55 + sec. P. Dear.
STS	**2851**	**Communication in the Life Sciences** (also COMM 2850) 3 cr. MWF 10:10-11:00. B. Lewenstein.
STS	**2861**	**Science and Human Nature** (also PHIL 2860) 4 cr. TR 11:40-12:55 + sec. R. Boyd.
STS	**2921**	**Inventing an Information Society** (also ECE/ENGRG 2980, HIST 2920) 3 cr. MWF 10:10-11:00. R. Kline.

STS	**3111**	**Sociology of Medicine** (also SOC 3130) 4 cr. Not open to Freshmen. MW: 11:15-12:05. C. Leuenberger.
STS	**3221**	**Lives of Scientists and Engineers** (also FGSS 3221) 4 cr. T: 12:20-2:15. M. Rossiter.
STS	**3241**	**Environment and Society** (also DSOC 3240, SOC 3240) 3 cr. TR: 2:55-4:10. G. Gillespie.
STS	**3311**	**Environmental Governance** (also BSOC 3311, NTRES/DSOC 3310) 3 cr. MW 1:25-2:15 + Sec. S. Wolf.
[STS	**3491**	**Media Technologies** (COMM/INFO 3490) 3 cr. Offered alternative years. TR: 1:25-2:40. T. Gillespie.]
STS	**3561**	**Computing Cultures** (INFO 3561/VISST/COMM 3560) 4 cr. MWF: 1:25-2:15. *STS 3551 and 3561 may be taken separately or in any order*. R. Prentice.
STS	**3601**	**Ethical Issues in Engineering** (also ENGRG 3600) 3 cr. Juniors & seniors only. TR: 1:25-2:40. P. Doing.
[STS	**3871**	**The Automatic Lifestyle: Consumer Culture and Technology,** 4 cr. MWF: 2:30-3:20. P. Sengers.]
STS	**3911**	**Science in the American Polity: 1960-Now** (also GOVT 3090, AM ST 3890) 4 cr. TR 1:25-2:40. J. Reppy.
[STS	**4001**	**Components and Systems: Engineering in a Social Context** (also MAE 4000) 3 cr. Junior-level and advanced students in the physical sciences and engineering areas only. TR 2:55-4:10. Offered alternate years. Z. Warhaft]
STS	**4021**	**Bodies in Medicine, Science, and Technology** (also BSOC/FGSS 4021) 4 cr. W: 10:10-12:05. R. Prentice.
[STS	**4071**	**Law, Science and Public Values** (also BSOC 4071) 4 cr. TR 2:55-4:10. M. Lynch.]
[STS	**4091**	**From the Phonograph to Techno** (also SOC 4090) 4 cr. W 12:20-2:15. T. Pinch.]
[STS	**4111**	**Knowledge, Technology and Property,** 4 cr. TR: 10:10-11:25. S. Hilgartner.]
STS	**4120**	**The Scientific Revolution in Early-Modern Europe** (also HIST 4120). 4 cr. W: 2:30-4:25. P. Dear.
STS	**4231**	**Gender and Technology** (also FGSS/HIST 4231), 4 cr. R: 2:30-4:25, S. Pritchard.
STS	**4241**	**Medicine, Science and the Body in Postcolonial Africa**, 4 cr. T: 12:20-2:15. J. Crane.
[STS	**4311**	**From Surgery to Simulation** 4 cr. W: 2:30-4:25. R. Prentice.]
[STS	**4331**	**International History of Science & Technology**, 4 cr. T: 12:20-2:15. M. Rossiter.]
[STS	**4341**	**Science and Empire: The Case of Britain and India**, 4 cr. R: 12:20-2:15. J. Ratcliff.]
STS	**4441**	**Historical Issues of Gender and Science** (also FGSS 4440) 4 cr. Not open to freshmen. W: 12:20-2:15. M. Rossiter.
[STS	**4581**	**Intelligibility in Science** (also HIST 4580), 4 cr. W: 2:30-4:25. P. Dear.]
[STS	**4661**	**Public Communication of Science & Technology** (also COMM 4660) 3 cr. MW 2:55-4:10. B. Lewenstein.]
[STS	**4731**	**Knowledge and Politics in Seventeenth Century England** (also HIST 4710) 4 cr. Limit 15. W 2:30-4:25. P. Dear and R. Weil.]
STS	**4811**	**Problems in the Philosophy of Science** (also PHIL4810, STS 6811) 4 cr. W 7:30-9:30 p.m. R. Boyd.
[STS	**4871**	**Seminar in the History of the Environment**, 4 cr. T 12:20-2:15. M. Rossiter.]
[STS	**4901**	**The Integrity of Scientific Practice**, 4 cr. Limit 15 juniors, seniors, & grad. students. MW 2:55-4:10. S. Hilgartner.]

STS **4961** **Medicine & Healing in China** (also BSOC 4961, HIST 4960), 4 cr. T: 2:30-4:25. T. Hinrichs.

SUMMER '09 (check summer session roster for information)

STS **1451** **Body, Mind and Health**, 3 cr. M. Hurst.

STS **2871** **Evolution** (also BIOEE 2070, HIST 2870) 3 cr. Staff.

[STS **4471** **Seminar in the History of Biology** (also BSOC 4471, HIST 4150, BIOEE 4670) 4 cr. A. MacNeill.]

V. OTHER (Independent Study, Honors)

FALL and/or SPRING

STS **3991** **Independent Study,** Fall or Spring. 1-4 cr. **Application required.** *****Apply 306 Rockefeller. Staff.

STS **4991** **Honors Project I and II.** 8 cr. Full year course. **Application required.** Apply 306 Rockefeller. Mandatory biweekly meetings take place during the fall semester. Staff.

VI. GRADUATE-LEVEL COURSES

FALL

STS 4181 Confluence: Environmental History and Science & Technology Studies (SHUM/HIST 4811, BSOC 4181) S.Pritchard
[STS 6281 Self and Society, C. Leuenberger]
[STS 6451 The New Life Sciences: Emerging Technology, Emerging Politics, S. Hilgartner]
STS 6801 Seminar in Historiographical Approaches to Science (also HIST 6800), P. Dear
STS 6900 Power, Technology, Empire and Modernity (also COML 4900/6900), A. Banerjee
[STS 6931 Economics Meets Science Studies, J. Reppy]
STS 6991 Independent Study, Apply in 306 Rockefeller Hall. Staff
[STS 7001 Special Topics, Topic 1: Science Studies and the Politics of Science, M. Rossiter]
[STS 7003 Special Topics, Topic 3: Issues in the Social and Cultural History of Technology. R. Kline]
STS 7111 Introductory Seminar in Science & Technology Studies, T. Pinch
[STS 7151 Ethnographies of Scientific Practice, M. Lynch]

SPRING

STS 4811 Philosophy of Science (also PHIL 4810/old STS 6811), R. Boyd
[STS 6201 Intelligibility in Science, P. Dear]
STS 6261 Seminar in the History of Technology (also HIST), R. Kline
STS 6271 Making People Through Expert Knowledge, C. Leuenberger
[STS 6291 Knowledge & Politics in 17th Century England, P. Dear]
[STS 6301 Social Theory for Science Studies, R. Prentice]
STS 6311 Qualitative Research Methods for Studying Science, T. Pinch.
[STS 6321 Inside Technology: The Social Construction of Technology, T. Pinch]
[STS 6341 Information Technology in Sociocultural Context, P. Sengers]
[STS 6401 Science, Technology, Gender: Historical Issues, S. Seth]
[STS 6751 Historical Issues of Science, Technology, Race, and Colonialism, S. Seth]
STS 6991 Independent Study, Apply in 306 Rockefeller Hall. Staff
STS 7201 Studying Emerging Technologies, S. Hilgartner.
[STS 7211 Archiving Contemporary Science, B. Lewenstein]