

# SCIENCE AND TECHNOLOGY STUDIES MINOR

10 February 2016

## 1. Required Information

Name of proposed minor: Science and Technology Studies  
Proposed implementation date: Autumn 2016

Academic unit responsible for administering the minor program: The Department of Comparative Studies

## 2. Rationale

### Rationale/Purpose

The interdisciplinary minor in Science and Technology Studies (STS) provides students with the tools to understand and evaluate both the social *contexts* that give rise to particular scientific and technological developments, and the social *consequences* of these developments. The minor, like the STS field nationally, draws on a wide range of disciplines, particularly in the humanities and social sciences. The minor is designed to appeal to two broad kinds of students: STEM majors who wish to consider the ethical, political, social, and cultural dimensions of the fields in which they work, and non-STEM majors who wish to understand and evaluate the ways sciences and technologies shape human possibilities in particular historical and cultural circumstances. The minor will also stimulate new course offerings in STS and increase collaboration among faculty at Ohio State who do research and teach in this area.

### Impetus for the proposal

STS is one of the most rapidly growing interdisciplinary fields in the humanities and social sciences. Bringing together disciplines that have traditionally focused attention on science and technology (for example, philosophy of science, history of science, and history of technology) and others that have more recently made science and technology objects of analysis and critical reflection (for example, anthropology, feminist studies, literary studies, and sociology), STS has opened up spaces for new programs of research and new curricular initiatives. Research in STS ranges from ethnographic studies of laboratories, to sociological analyses of digital communities, to historical genealogies of scientific categories, to philosophical studies of the values embedded in particular technological systems. STS is at once rigorously interdisciplinary, comparative, and cross-cultural, and has in recent years been particularly attentive to non-western sciences and technologies, as well as to the global dimensions of western developments.

Many leading research universities, and more than half of the universities in the Big Ten, offer undergraduate (and in several cases graduate) degrees in STS. These include universities with a primarily STEM orientation (such as MIT, Georgia Tech, Rensselaer Polytechnic, and Virginia Tech) as well as universities with a strong Arts and Sciences core (such as Cornell, Stanford, UC Davis, UC San Diego, and USC). Big Ten institutions that offer an undergraduate STS minor include Indiana, Maryland, Michigan, Michigan State, Northwestern, Penn State, Rutgers, and Wisconsin. These minors typically range from 12 to 18 credit hours (4-6 courses).

The Department of Comparative Studies has offered STS courses since 1990, and is currently home to an interdepartmental concentration in STS within the Comparative Studies major. Like the proposed minor, the major draws on courses from across the College of Arts and Sciences. Although the major will remain an attractive option for a small number of students, the minor will attract new students to the field, especially in STEM disciplines where making room for a double major is practically difficult.

#### Unique characteristics and resources for OSU

Ohio State has the faculty and the courses to build an STS curriculum that is rigorous and varied, as the course list below testifies. Indeed, the only work required to establish a successful STS minor is to link *together* – and in so doing, increase the *visibility* – of things that Ohio State is already doing, and doing well. The resulting minor will be very similar in structure and scope to the programs offered at peer institutions.

The Department of Comparative Studies already offers two courses (CS 2340 and CS 2341) that provide interdisciplinary introductions to the field of STS and that can serve as required core courses (2341 is designed primarily for engineering students, and satisfies their professional ethics requirement, while 2340 is designed for a more general audience; students may not take both for credit). Demand for those courses has regularly exceeded capacity, but we offer each course every semester. The Department has two regular faculty, one visiting assistant professor, and one senior lecturer who teach full time in STS.

History, Philosophy, and Sociology also regularly offer courses that introduce students to particular disciplinary approaches to the study of science and technology; together with more advanced courses in Comparative Studies and Women's, Gender and Sexuality Studies, these constitute a list of "foundations" courses from which students choose two (six credits). The rest of the minor is composed of two electives (six credits) chosen from a long list of courses in 17 different departments, and which allow students to tailor the minor to their particular interests: for example, science and technology in popular culture, environmentalism and global politics, or genomics and agriculture.

### Benefits for students, the institution, the region and the state

The STS minor will be of special interest to STEM majors who will be able to shape their engagement with the humanities and social sciences in ways that are particularly relevant to their interest and future careers. The Department of Comparative Studies has been offering courses in STS for more than 25 years, and demand for them from STEM students has grown steadily over this time. Many STEM students report that these courses have changed the ways they understand their professional calling and the potential impacts of their work, enabling them to ask new questions about themselves and the world around them. At the same time, STS courses have attracted scores of students from non-STEM fields who want to appreciate better the roles that science and technology have played – and might play – in our modern world. These courses cultivate a particular kind of *literacy*: an ability to analyze relationships and evaluate consequences that complements other forms of scientific and technical expertise.

### **3. Relation of Proposed Minor to Existing Majors and Minor**

The STS minor does not duplicate any current minor. It shares a general orientation and structure with the existing STS major in the Department of Comparative Studies, but is likely to attract students who would not consider the major. The minor differs in focus and curricular structure from the minor in Science, Engineering, and Public Policy minor offered by the Glenn School, which has a policy orientation and includes only one Arts and Sciences course. Finally, the minor complements rather than competes with the newly created minor in Medical Humanities: though the list of the electives has some courses in common with that other minor, there is no overlap of core or foundational courses, and no course with a central focus on medicine or health has been included in the STS minor. Our expectation is that students with a primary interest in medicine and the health sciences will seek out the Medical Humanities minor, while those with primary interests in engineering and non-medical sciences will gravitate toward the STS minor.

### **4. Student Enrollment**

Conversations with faculty, students, and advisors across campus suggest that there will be steady demand for the STS minor. Declared minors at peer institutions (as noted above, most have similar structures and credit hour requirements) range from a handful of students to 40-50 per year. We expect an initial group of 15-20 students and foresee an annual total of approximately 40 minors after three years.

### **5. Curricular Requirements**

- ASC minor advising sheet (see Appendix)
- List the courses (department, title, credit hours, description) that constitute the requirements and other components of the minor.

This is a 15-credit minor comprising the following distribution of classes:

Required Core Course (3 credits; student choose one of the following)

CMPSTD 2340: Introduction to Cultures of Science and Technology – 3 Credit hours; Critical analysis of the multiple relations of science to society, with emphasis on knowledge, power, authority, values, and ethics. Prereq: English 1110. Not open to students with credit for 2341 (272).

Or

CMPSTD 2341: Technology, Science, and Society – 3 Credit hours; Critical analysis of the relations among science, technology, and culture, with particular emphasis on ethical issues in technology and engineering. Prereq: English 1110.01 (110.01) or equiv. Not open to students with credit for 2340 (272).

Foundations Courses (6 credits; students choose two of the following. Other courses on this list may be taken as electives)

CMPSTD 3646: Cultures, Natures, Technologies – 3 Credit hours; Cultural perspectives on issues related to technology, nature, and culture; examines cultural approaches to uses of technology and their relation to natural and human worlds. Prereq: English 1110 (110), or equiv.

CMPSTD 4597.01: Global Studies of Science and Technology – 3 Credit hours; Explores relations among culture, science, and technology in changing global contexts. Previous completion of 2367.02 or 367.02 recommended. Prereq: Completion of a Second Writing course and Natural Science sequence, or permission of instructor. Not open to students with credit for 597.01.

HISTORY 2701: History of Technology – 3 Credit hours; Survey of the history of technology in global context from ancient times. Prereq or concur: English 1110.xx. Not open to students with credit for 362.

HISTORY 3711: Science and Society in Early Modern Europe – 3 Credit hours; A survey of the history of science and its place and relationship to European society in the early

modern period. Prereq or concur: Any 2000-level History course, and English 1110.xx; or permission of instructor. Not open to students with credit for 520.01.

HISTORY 3712: Science and Society in Modern Europe – 3 Credit hours; History of science in modern Europe from Scientific Revolution to contemporary climate science and genetics. Prereq or concur: Any 2000-level History course, and English 1110.xx; or permission of instructor. Not open to students with credit for 520.02.

PHILOS 2660: Metaphysics, Religion, and Science in the Scientific Revolution – 3 Credit hours; A philosophical examination and critical exploration of the interconnection between the natural scientific, religious and magical traditions in the emergence of the Scientific Revolution. Prereq: Not open to students with credit for 280.

PHILOS 2860/CMPSTD 2760: Science and Religion – 3 Credit hours; A philosophical examination of the relationship between science and religion, concentration on issues regarding the creation of the universe and the origins of life. Prereq: Not open to students with credit for 170.

PHILOS 3650: Philosophy of Science – 3 Credit hours; A rigorous introduction to general methodological issues in the philosophy of science. Prereq: 2500 and either a major in Philos or 9 cr hrs of Philos course work exclusive of 1500; or permission of instructor. Not open to students with credit for 455.

SOCIOL 3302: Technology and Global Society – 3 Credit hours; Social aspects of technology, social change, and technological development; underdevelopment and the global economy. Prereq: Not open to students with credit for Sociol 302.

WGSST/CMPSTD 4845: Gender, Sexuality, and Science – 3 Credit hours; Examination of relations between gender and science; topics include gendering of "science" and "nature," biological theories of sexual inequality, feminist critiques of science and technology. Prereq: One course in CompStd or WGSSt, or Grad standing, or permission of instructor.

Electives (6 credits; students choose two of the following)

AEDECON 4320 Energy, the Environment, and the Economy – 3 Credit hours; Examines the economic implications of climate change and climate change policies for society, including discussion of major state, federal, and international legislation. Prereq: AEDECON 2001 (200) or Econ 2001 (200). Not open to students with credit for 565 or INTSTDS 4320 (565). Cross-listed in INTSTDS.

AEDECON 4597.01 Food, Population, and the Environment – 3 Credit hours; Issues related to world-wide population increases, food production, and associated

environmental stress; policy options for lessening these concerns, especially in low-income countries. Prereq: Jr or Sr standing. Not open to students with credit for 597.01, 4597.01H (597.01H), INTSTDS 4597.01 (597.01), or INTSTDS 4597.01H (597.01H). Cross-listed in INTSTDS.

AFAMAST 3440: Theorizing Race – 3 Credit hours; Introduction to issues of "race," consideration of the historical emergence and development of ideas of "race" and of racist practices, along with their contemporary formations. Prereq: Any 2367 course, or Philos 2400, or Jr or Sr standing, or permission of the instructor. Not open to students with credit for 595 or Philos 3440 (595). Cross-listed in Philos.

ANTHROP 4597.04: The Molecular Revolution: Genes, Genomes, and Genomania – 3 Credit hours; Interface of genetic technology, genome project, and health against background of societal tensions, genomania, and dilemmas of genetic testing, and repercussions of molecular revolution. Prereq: Jr or Sr standing. Not open to students with credit for 597.04.

ANTHROP 4597.05H: The Global Food Crisis – 3 Credit hours; This multidisciplinary course explores the causes, consequences and potential solutions to the global food crisis. Prereq: Honors standing, and Jr or Sr standing. Not open to students with credit for 597.05H.

ANTHROP 5614: Ethnobotany – 3 Credit hours; Introduction to the anthropological study of human interactions with the plant world. Prereq: A course in Anthrop or PlntBio at the 2000 level or above, or permission of instructor. Not open to students with credit for 610.

ART 5001: Aspects of Art and Technology I – 3 Credit hours; Creative and conceptual explorations into technical, aesthetic, and theoretical topics in the field of Art and Technology. Includes interactive installation, biological, surveillance/telepresence, narrative, algorithmic, and performative art. Prereq: Permission of instructor. Repeatable to a maximum of 9 cr hrs.

ART 5101: Aspects of Art and Technology II – 3 Credit hours; Creative and conceptual explorations into technical, aesthetic, and theoretical topics in the field of Art and Technology. Includes interactive installation, biological, surveillance/telepresence, narrative, algorithmic, and performative art. Prereq: Permission of instructor. Repeatable to a maximum of 9 cr hrs.

ART 5201: Aspects of Art and Technology III – 3 Credit hours; Creative and conceptual explorations into technical, aesthetic, and theoretical topics in the field of Art and Technology. Includes interactive installation, biological, surveillance/telepresence, narrative, algorithmic, and performative art. Prereq: Permission of instructor.

Repeatable to a maximum of 9 cr hrs.

CLAS 4204: Greek and Roman Science and Technology – 3 Credit hours; The origins and achievements of Greek and Roman science and technology. Prereq: Not open to students with credit for Classics 506.

COMM 3545: Human-Computer Interaction – 3 Credit hours; Principles and issues associated with human interaction with computers. Prereq: Not open to students with credit for 450.

COMM 3554: Social Implications of Communication Technology – 3 Credit hours; Advanced study of a current topic in telecommunication and electronic media industry structures. Prereq: Not open to students with credit for 654.

COMM 4555: Computer Interface and Human Identity – 3 Credit hours; Surveys computer phenomena such as artificial intelligence, agents, avatars, virtual worlds, and humanoid robots, and identities such as humanness, race, gender and sexuality. Prereq: Not open to students with credit for 655.

CMPSTD 2104: Literature, Science, and Technology – 3 Credit hours; Study of relationships among literature, science, and technology; analysis of representations of science and technology in literature and film of diverse cultures and historical periods. Prereq: Honors standing and English 1110 (110) or equiv.

CMPSTD 2670 Science and Religion – 3 Credit hours; A philosophical examination of the relationship between science and religion; concentration on issues regarding the creation of the universe and the origins of life. Prereq: Not open to students with credit for 170 or Philos 2860 (170). Cross-listed in Philos 2860.

CMPSTD 2677: Religion and Environmentalism – 3 Credit hours; Examines the complex intersections between religion and environmental movements in North America, beginning with early contact between Europeans and Native Americans. Prereq: English 1110 (110) or equiv. Not open to students with credit for 277.

CMPSTD 3646: Cultures, Natures, Technologies – 3 Credit hours; Cultural perspectives on issues related to technology, nature, and culture; examines cultural approaches to uses of technology and their relation to natural and human worlds. Prereq: English 1110 (110), or equiv.

CMPSTD 4597.01: Global Studies of Science and Technology – 3 Credit hours; Explores relations among culture, science, and technology in changing global contexts. Previous completion of 2367.02 or 367.02 recommended. Prereq: Completion of a Second Writing course and Natural Science sequence, or permission of instructor. Not

open to students with credit for 597.01.

CMPSTD 4845: Gender, Sexuality, and Science – 3 Credit hours; Examination of relations between gender and science; topics include gendering of "science" and "nature," biological theories of sexual inequality, feminist critiques of science and technology. Prereq: One course in CompStd or WGSSt, or Grad standing, or permission of instructor.

CMPSTD 4846: Social Studies of Objects and Networks – 3 Credit hours; Examines the concept of networks and networking in the contemporary world, including analysis of cultural impact of communications technologies; new reproductive technologies; and the production, use, and reuse of consumer goods.

ENGR 5050: Humanitarian Engineering – 3 Credit hours; Poverty and underdevelopment. Goal of social justice. Development strategies. Engineering for the poor, weak, and developing communities. Humanitarianism in the university and engineering enterprise. Prereq: 1182 or 1282; or Grad standing; or permission of instructor.

ENGLISH 2269: Digital Media Composing – 3 Credit hours; A composition course in which students analyze and compose digital media texts while studying complex forms and practices of textual production. Prereq: 1110.01 (110.01) or equiv. Not open to students with credit for 269.

ENGLISH 3372: Science Fiction and/or Fantasy – 3 Credit hours; Introduction to the tradition and practice of speculative writing. Provides students the opportunity to examine and compare works of science fiction and/or fantasy. Prereq: 1110.01 (110.01) or equiv.

ENGLISH 4569: Digital Media and English Studies – 3 Credit hours; Critical examination of the intersections between specific areas or problems in English studies and the emergent technologies used to acquire and create knowledge in the discipline. Prereq: 10 qtr cr hrs or 6 cr hrs of English at 2000-3000 level, or permission of instructor. 5 qtr cr hrs in 367 or 3 cr hrs in 2367 in any subject is acceptable towards the 6 cr hrs. Not open to students with 10 qtr cr hrs for 569. Repeatable to a maximum of 6 cr hrs.

ENR 2300: Society and Natural Resources – 3 Credit hours; Introduction to interactions between humans, natural resources, and ecosystems from a social science perspective. Prereq: Not open to students with credit for 203.

ENR 3470: Religion and Environmental Values in America – 3 Credit hours; Examines development & influence of religious environmental values & their impact on environmental citizenship in America; Jewish, Muslim, Buddhist &

Christian environmental perspectives; stewardship, eco-justice & creation spirituality.  
Prereq: Not open to students with credit for 347.

ENR 3530: Women, Environment and Development – 3 Credit hours; Interdisciplinary study of women's roles as environmental stewards and in resource-based development in global context. Attention given to gender differences in environmental and rural development practices. Cross-listed in WGSSt.

HISTORY 2700: Global Environmental History – 3 Credit hours; Global overview of the ecology of the human condition in past time, stressing climate change, earth systems, technology, energy, demography, and human cultural-economic revolutions. Prereq or concur: English 1110.xx. Not open to students with credit for 366.01.

HISTORY 2701: History of Technology – 3 Credit hours; Survey of the history of technology in global context from ancient times. Prereq or concur: English 1110.xx. Not open to students with credit for 362.

HISTORY 2702: Food in World History – 3 Credit hours; Survey of the history of food, drink, diet and nutrition in a global context. Sometimes this course is offered in a distance-only format. Prereq or concur: English 1110.xx, or permission of instructor.

HISTORY 2704: Water: A Human History – 3 Credit hours; History of human use and understandings of water from ancient to modern times, with case studies taken from different geographic locations. Sometimes this course is offered in a distance-only format. Prereq or concur: English 1110.xx, or permission of instructor.

HISTORY 2720: Big History – 3 Credit hours; “Big History” attempts to explain history at the very largest scales in the widest perspectives, exploring theories of how the universe, planet, life, and humanity came to be. Students will work to understand the essential state of knowledge about cosmic, earth, evolutionary, and human history. Prereq or concur: English 1110.xx, or permission of instructor.

HISTORY 3700: American Environmental History – 3 Credit hours; The history of American ecosystems from the last Ice Age to the present; focuses on historical debates over the causes and consequences of environmental change. Prereq or concur: English 1110 or equiv, and course work in History at the 2000 level, or permission of instructor. Not open to students with credit for 366.02.

HISTORY 3711: Science and Society in Early Modern Europe – 3 Credit hours; A survey of the history of science and its place and relationship to European society in the early modern period. Prereq or concur: Any 2000-level History course, and English 1110.xx; or permission of instructor. Not open to students with credit for 520.01.

HISTORY 3712: Science and Society in Modern Europe – 3 Credit hours; History of science in modern Europe from Scientific Revolution to contemporary climate science and genetics. Prereq or concur: Any 2000-level History course, and English 1110.xx; or permission of instructor. Not open to students with credit for 520.02.

HISTORY 3715: Explorations of Science, Technology and the Environment in East Asia – 3 Credit hours; Case studies in the Development of Science, Technology and Environmental Change in the East Asian context, pre-modern to modern times. Prereq: English 1110.xx and any History 2000-level course, or permission of instructor. Not open to students with credit for 587.02.

HCS 2203: People and Plants: Meals, Medicine, Material, and Myth – 3 Credit hours; How to get back to “The Garden”; an exploration of human and plant interactions.

INTSTDS 4320 Energy, the Environment, and the Economy – 3 Credit hours; Examines the economic implications of climate change and climate change policies for society, including discussion of major state, federal, and international legislation. Prereq: AEDECON 2001 (200) or Econ 2001 (200). Not open to students with credit for 565 or AEDECON4320 (565). Cross-listed in AEDECON.

INTSTDS 4597.01 Food, Population, and the Environment – 3 Credit hours; Issues related to world-wide population increases, food production, and associated environmental stress; policy options for lessening these concerns, especially in low-income countries. Prereq: Jr or Sr standing. Not open to students with credit for 597.01, 4597.01H (597.01H), AEDECON4597.01 (597.01), or AEDECON4597.01H (597.01H). Cross-listed in AEDECON.

INTSTDS 4703 Science, Technology and US National Security – 3 Credit hours; Explores how science and technology, especially computer science and arms race technologies, influenced the global conflict between America and the Soviet Union. Prereq: Not open to students with credit for 554.

MEDREN 2610: Science and Technology in Medieval and Renaissance Culture – 3 Credit hours; The history of science in the medieval and early modern world, including medicine, alchemy, optics, map-making, city-planning, and technology through images, texts, and material culture.

PHILOS 2342: Environmental Ethics – 3 Credit hours; Examination of the moral issues generated by the impact of human beings on the natural environment. Prereq: Not open to students with credit for 533.

PHILOS 2660: Metaphysics, Religion, and Science in the Scientific Revolution – 3 Credit hours; A philosophical examination and critical exploration of the interconnection

between the natural scientific, religious and magical traditions in the emergence of the Scientific Revolution. Prereq: Not open to students with credit for 280.

PHILOS 2860: Science and Religion – 3 Credit hours; A philosophical examination of the relationship between science and religion, concentration on issues regarding the creation of the universe and the origins of life. Prereq: Not open to students with credit for 170.

PHILOS 3440: Theorizing Race – 3 Credit hours; Introduction to issues of "race," consideration of the historical emergence and development of ideas of "race" and of racist practices, along with their contemporary formations. Prereq: GE second writing course or Philos 2400, or Jr standing or above, or permission of instructor. Not open to students with credit for AfAmASt 3440. Cross-listed in AfAmASt.

PHILOS 3650: Philosophy of Science – 3 Credit hours; A rigorous introduction to general methodological issues in the philosophy of science. Prereq: 2500 and either a major in Philos or 9 cr hrs of Philos course work exclusive of 1500; or permission of instructor. Not open to students with credit for 455.

PHILOS 3680: Sex and Death: Introduction to the Philosophy of Biology – 3 Credit hours; A survey of philosophical questions regarding the theoretical foundations and implications of research in biology. Prereq: Philos major or 9 cr hrs of Philos course work exclusive of 1500 and 1501; or permission of instructor. Not open to students with credit for 458.

PHILOS 5650: Advanced Philosophy of Science – 3 Credit hours; A study of the nature and structure of scientific concepts, laws, and theories; appraisal of methodologies, presuppositions, and frames of reference in science. Preferable to have credit for 3650 prior to enrollment.

Prereq: 2500, and 6 cr hrs in Philos at or above 3000-level; or 2500, and Grad standing in Philos; or permission of instructor. Not open to students with credit for 655.

PHYSICS 2367: Uses of Science in Solving Problems of Society – 3 Credit hours; Energy, environment, and the arms race are examined using the methods of science; focuses on interaction of science and technology; and social and ethical implications of choices. Prereq: Math Placement S or higher; 1 5-hr 100-level or 1000-level course in either Astron, BioSci, Chem, GeolSci, or Physics; first writing course or equiv. Not open to students with credit for 367. GE writing and comm course: level 2 and nat sci phys course. NS Admis Cond course.

RURLSOC 5500: Diffusion of Innovations – 3 Credit hours; Examine the sociological processes involved in disseminating new ideas and technologies in U.S. and developing nations. Assess the consequences of new technologies for communities, households,

and individuals particularly in rural contexts. Prereq: Not open to students with credit for 562 or 662.

SOCIOL 3302 Technology and Global Society - 3 Credit hours; Social aspects of technology, social change, and technological development; underdevelopment and the global economy. Prereq: Not open to students with credit for Sociol 302.

SOCIOL 3460: Environmental Justice - 3 Credit hours; Examines environmental issues from a sociological perspective, especially human causes of environmental change such as technology, population, and consumption, and social reactions.  
Prereq: Not open to students with credit for 460

WGSST 3306: Gender, Media, and New Technologies - 3 Credit hours; Explores how race, gender, class, sexuality, and physical ability discourses of the real world are or aren't redefined in the virtual world.

WGSST 3530: Women, Environment, and Development - 3 Credit hours; Interdisciplinary study of women's roles as environmental stewards and in resource-based development in global context. Attention given to gender differences in environmental and rural practices. Cross-listed in ENR.

WGSST 4845: Gender, Sexuality, and Science - 3 Credit hours; Examination of relations between gender and science; topics include gendering of "science" and "nature," biological theories of sexual inequality, feminist critiques of science and technology.  
Prereq: One course in CompStd or WGSSt, or Grad standing, or permission of instructor. Not open to students with credit for 535 or CompStd 4485 (535). Cross-listed in CompStd.

- Minimum number of credits required for completion of the minor: 15
- Describe existing facilities, equipment, and off-campus field experience and clinical sites to be used: N/A
- Advising: Advising and approval through the ASC advisors who can refer students for additional advising to David Horn (Comparative Studies)
- Describe additional university resources (including advisors and libraries) that will be required for the new minors: N/A
- Describe the minor as it would appear in the appropriate college bulletin.

The interdisciplinary minor in Science and Technology Studies (STS) provides students

with the tools to understand and evaluate both the social *contexts* that give rise to particular scientific and technological developments, and the social *consequences* of these developments. It is designed for STEM majors who wish to consider the ethical, political, and social dimensions of the fields in which they work, and non-STEM majors who wish to understand and evaluate the ways sciences and technologies shape human possibilities in particular historical and cultural circumstances.

Appendix: ASC minor advising sheet  
The Ohio State University, Arts and Sciences  
Science and Technology Studies Minor

Program Coordinator, David Horn  
Department of Comparative Studies  
451 Hagerty Hall  
1775 College Road  
Columbus, OH 43210  
614-292-2559

**Program Advisors:** David Horn (Comparative Studies), Noah Tamarkin (Comparative Studies), Juno Pareñas (WGSST),

**Descriptive paragraph(s) for students**

The interdisciplinary minor in Science and Technology Studies (STS) provides students with the tools to understand and evaluate both the social *contexts* that give rise to particular scientific and technological developments, and the social *consequences* of these developments. It is designed for STEM majors who wish to consider the ethical, political, and social dimensions of the fields in which they work, and non-STEM majors who wish to understand and evaluate the ways sciences and technologies shape human possibilities in particular historical and cultural circumstances.

No more than 9 credit hours may be taken in one Department.

**Required gateway course** (3 credit hours)

CMPSTD 2340: Introduction to Cultures of Science and Technology, or  
CMPSTD 2341: Technology, Science, and Society

**Foundations courses** (6 credit hours)

Choose two from:

CMPSTD 3646: Cultures, Natures, Technologies  
 CMPSTD 4597.01: Global Studies of Science and Technology  
 HISTORY 2701: History of Technology  
 HISTORY 3711: Science and Society in Early Modern Europe  
 HISTORY 3712: Science and Society in Modern Europe  
 PHILOS 2660: Metaphysics, Religion, and Science in the Scientific Revolution  
 PHILOS 2860/COMPSTD 2760: Science and Religion  
 PHILOS 3650: Philosophy of Science  
 SOCIOL 3302 Technology and Global Society  
 WGSST/CMPSTD 4845: Gender, Sexuality, and Science

**Electives** (6 credit hours)

Choose two from:

AEDECON 4320: Energy, the Environment, and the Economy  
 AEDECON 4597.01: Food, Population, and the Environment

AFAMAST 3440: Theorizing Race

ANTHROP 4597.04: The Molecular Revolution: Genes, Genomes, and Genomania  
 ANTHROP 4597.05H: The Global Food Crisis  
 ANTHROP 5614: Ethnobotany

ART 5001:Aspects of Art and Technology I  
 ART 5101:Aspects of Art and Technology II  
 ART 5201:Aspects of Art and Technology III

CLASS 4204: Greek and Roman Science and Technology

COMMUN 3545: Human-Computer Interaction  
 COMMUN 3554: Social Implications of Communication Technology  
 COMMUN 4555: Computer Interface and Human Identity

CMPSTD 2104: Literature, Science, and Technology  
 CMPSTD 2677: Religion and Environmentalism  
 CMPSTD 2760: Science and Religion  
 CMPSTD 3646: Cultures, Natures, Technologies  
 CMPSTD 4597.01: Global Studies of Science and Technology  
 CMPSTD 4845: Gender, Sexuality, and Science  
 CMPSTD 4846: Social Studies of Objects and Networks

ENGR 5050: Humanitarian Engineering

ENGLISH 2269: Digital Media Composing

ENGLISH 3372: Science Fiction and/or Fantasy

ENGLISH 4569: Digital Media and English Studies

ENR 2300: Society and Natural Resources

ENR 3470: Religion and Environmental Values in America

ENR 3530: Women, Environment and Development

HISTORY 2700: Global Environmental History

HISTORY 2701: History of Technology

HISTORY 2702: Food in World History

HISTORY 2704: Water: A Human History

HISTORY 2720: Big History

HISTORY 3700: American Environmental History

HISTORY 3711: Science and Society in Early Modern Europe

HISTORY 3712: Science and Society in Modern Europe

HISTORY 3715: Explorations of Science, Technology and the Environment in East Asia

HCS 2203: People and Plants: Meals, Medicine, Material, and Myth

INTSTDS 4320: Energy, the Environment, and the Economy

INTSTDS 4597.01: Food, Population, and the Environment

INTSTDS 4703: Science, Technology and US National Security

MEDREN 2610: Science and Technology in Medieval and Renaissance Culture

PHILOS 2342: Environmental Ethics

PHILOS 2660: Metaphysics, Religion, and Science in the Scientific Revolution

PHILOS 2860: Science and Religion

PHILOS 3440: Theorizing Race

PHILOS 3650: Philosophy of Science

PHILOS 3680: An Introduction to the Philosophy of Biology

PHILOS 5650: Advanced Philosophy of Science

PHYSICS 2367: Uses of Science in Solving Problems of Society

RURLSOC 5500: Diffusion of Innovations

SOCIOL 3302: Technology and Global Society

SOCIOL 3460: Environmental Justice

WGSST 3306: Gender, Media, and New Technologies  
WGSST 3530: Women, Environment, and Development  
WGSST 4845: Gender, Sexuality, and Science

### **Science and Technology Studies Minor program guidelines**

The following guidelines govern this minor:

#### **Required for graduation** No

**Credit hours required** A minimum of 15 hours. 1000 level courses may not be counted toward the 15 credit hour minimum. No more than 9 credit hours in one department. At least 6 credit hours must be at the 3000 level or above.

**Transfer and EM credit hours allowed** A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

**Overlap with the GE** A student is permitted to overlap up to 6 credit hours between the GE and the minor.

#### **Overlap with the major and additional minor(s)**

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

#### **Grades required**

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count toward the minor.
- No more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.

**Minor approval** The minor course work must be approved by the Department of Comparative Studies or the ASC advisor.

**Filing the minor program form** The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

**Changing the minor** Once the minor program is filed in the college office, any changes must be approved by the Department of Comparative Studies or the ASC advisor.



Department of French and Italian

200 Hagerty Hall  
1775 College Road  
Columbus, OH 43210-1340

Phone (614) 292-4938  
Fax (614) 292-7403

April 29, 2016

Dear Meg,

The Arts and Humanities panel met on April 12, 2016 and discussed the new Science and Technology Studies Minor (STS) proposed by the Department of Comparative Studies. The Department of Comparative Studies has offered STS courses since 1990, and is currently home to an interdepartmental concentration in STS within the Comparative Studies major. Like the proposed minor, the major draws on courses from across the College of Arts and Sciences. Whereas the major will remain an attractive option for a small number of students, the minor will attract new students to the field, especially in STEM disciplines where making room for a double major is practically difficult.

The STS minor does not duplicate any current minor. It shares a general orientation and structure with the existing STS major in the Department of Comparative Studies, but is likely to attract students who would not consider the major. The minor differs in focus and curricular structure from the minor in Science, Engineering, and Public Policy minor offered by the Glenn School, which has a policy orientation and includes only one Arts and Sciences course. Finally, the minor complements rather than competes with the newly created minor in Medical Humanities. Although the list of the electives has some courses in common with minor in Medical Humanities, there is no overlap of core or foundational courses, and no course with a central focus on medicine or health has been included in the STS minor. The expectation is that students with a primary interest in medicine and the health sciences will seek out the Medical Humanities minor, while those with primary interests in engineering and non-medical sciences will gravitate toward the STS minor.

The Department of Comparative Studies already offers two courses (CS 2340 and CS 2341) that provide interdisciplinary introductions to the field of STS and that can serve as required core courses. Demand for those courses has regularly exceeded capacity, but they offer each course every semester. The Department has two regular faculty, one visiting assistant professor, and one senior lecturer who teach full time in STS. History, Philosophy, and Sociology also regularly offer courses that introduce students to particular disciplinary approaches to the study of science and technology; together with more advanced courses in Comparative Studies and Women's, Gender and Sexuality Studies, these constitute a list of "foundations" courses from which students choose two (six credits). The rest of the minor is composed of two electives (six credits) chosen from a long list of courses in 17 different departments, and which allow students to tailor the minor to their particular interests: for example, science and technology in popular culture, environmentalism and global politics, or genomics and agriculture.

The Arts and Humanities panel unanimously approved the new minor with recommendations for tweaks to the advising sheet. Those were approved by Barry Shank and Bernadette made the changes in the revised proposal.

Sincerely,

A handwritten signature in cursive script that reads "Janice m. Aski".

Janice M. Aski

**From:** Austin, Curtis J. [austin.288@osu.edu](mailto:austin.288@osu.edu)   
**Subject:** RE: Minor proposal concurrence  
**Date:** December 15, 2015 at 1:41 AM  
**To:** Horn, David [horn.5@osu.edu](mailto:horn.5@osu.edu), Newsum, Horace [newsum.2@osu.edu](mailto:newsum.2@osu.edu)



Hi David,

The AAAS Undergraduate Studies and Curriculum Committee has discussed your request and is in unanimous agreement that it should be granted. The department will continue to offer AFAMAST 3440 on a regular basis so you may feel free to include it as part of your minor.

We give our strong support and concurrence to the creation of your department's proposed Minor in Science and Technology Studies.

Best wishes,

Curtis Austin, Ph.D.  
Associate Professor  
Director, Undergraduate Studies and Curriculum  
Department of African American and African Studies  
The Ohio State University

---

**From:** Horn, David  
**Sent:** Saturday, December 05, 2015 12:52 PM  
**To:** Newsum, Horace  
**Cc:** Austin, Curtis J.  
**Subject:** Re: Minor proposal concurrence

Thanks, Ike. I will look forward to the results of their review.

David

Sent from my iPhone

On Dec 5, 2015, at 10:37 AM, Newsum, Horace <[newsum.2@osu.edu](mailto:newsum.2@osu.edu)> wrote:

Hi David,  
I have sent the request to Professor Curtis Austin, our director of undergraduate studies. He will present it to his committee members and a decision will follow. We will be in touch soon.

Ike

---

**From:** Horn, David  
**Sent:** Friday, December 04, 2015 12:08 PM  
**To:** Newsum, Horace <[newsum.2@osu.edu](mailto:newsum.2@osu.edu)>  
**Cc:** Horn, David <[horn.5@osu.edu](mailto:horn.5@osu.edu)>  
**Subject:** Minor proposal concurrence

Dear Ike,  
Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS). and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department: like the major the minor draws

complements an existing STS major offered by our department, and the major and minor draw on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.  
David



THE OHIO STATE UNIVERSITY

**David G. Horn**

Professor

College of Arts and Sciences Department of Comparative Studies

428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210

614.292.2559

[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)

**From:** Haab, Timothy haab.1@osu.edu  
**Subject:** Re: Minor proposal concurrence  
**Date:** December 29, 2015 at 5:16 PM  
**To:** Horn, David horn.5@osu.edu



David,

My apologies, communication mix up between me and our undergraduate program leader. AEDE sees no problem with the proposal for a minor in Science and Technology Studies. This email serves as our concurrence with the proposed program.

Tim Haab  
Professor and Chair  
AED Economics

Sent from my iPhone

On Dec 29, 2015, at 12:38 PM, Horn, David <horn.5@osu.edu> wrote:

Dear Tim,

I am resending a proposal that may have escaped your attention at the end of the last semester. We have concurrence letters from almost every department whose courses are included in the minor, and would like to submit the proposal as soon as possible in January. Can you let me know if you have any questions or concerns about our including the AED ECON courses? If we have not heard from you by 15 January we will assume your concurrence.

Thanks, and best wishes for the new year.

David

Begin forwarded message:

**From:** "Horn, David" <horn.5@osu.edu>  
**Date:** December 4, 2015 at 12:13:31 PM EST  
**To:** "Haab, Timothy" <haab.1@osu.edu>  
**Cc:** "Horn, David" <horn.5@osu.edu>  
**Subject:** Minor proposal concurrence

Dear Tim (if I may),

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David

<osu-emailsig.png>

David G. Horn  
Professor

Professor

College of Arts and Sciences Department of Comparative Studies  
428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210  
614.292.2559  
[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)

<STS minor proposal 3.docx>



THE OHIO STATE UNIVERSITY

**From:** Larsen, Clark larsen.53@osu.edu   
**Subject:** RE: Minor proposal concurrence: Anthropology  
**Date:** December 5, 2015 at 7:32 AM  
**To:** Horn, David horn.5@osu.edu



Dear David,

Thanks very much for sharing your department's undergraduate minor in Science and Technology Studies. We very much like your proposal, think it a great addition to the Arts and Sciences curriculum, and support it, including the selection of Department of Anthropology courses. We will indeed be offering these three courses on a regular basis.

Best regards,

Clark

Clark Spencer Larsen  
Distinguished Professor of Social and Behavioral Sciences  
Chair, Department of Anthropology

Dr. Clark Spencer Larsen  
Department of Anthropology  
4034 Smith Laboratory, 174 W. 18<sup>th</sup> Avenue  
The Ohio State University  
Columbus, OH 43210-1106

Phone: 614-292-4117  
Fax: 614-292-4155  
Email: [Larsen.53@osu.edu](mailto:Larsen.53@osu.edu)

OSU Department of Anthropology: <http://anthropology.osu.edu/>  
Bioarchaeology Research Laboratory: <http://anthropology.osu.edu/research/laboratories/brl>  
Bioarchaeological Interpretations of the Human Past: <http://www.upf.com/seriesresult.asp?ser=bioarc>

---

**From:** Horn, David  
**Sent:** Friday, December 04, 2015 12:10 PM  
**To:** Larsen, Clark  
**Cc:** Horn, David  
**Subject:** Minor proposal concurrence

Dear Clark,

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an

existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David



THE OHIO STATE UNIVERSITY

**David G. Horn**

Professor

College of Arts and Sciences Department of Comparative Studies  
428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210

614.292.2559

[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)

**From:** Horn, David horn.5@osu.edu  
**Subject:** Re: Minor proposal concurrence  
**Date:** December 4, 2015 at 4:36 PM  
**To:** Kaldellis, Anthony kaldellis.1@osu.edu



Thanks for your timely and supportive reply!

David

Sent from my iPhone

On Dec 4, 2015, at 2:06 PM, Anthony Kaldellis <kaldellis.1@osu.edu> wrote:

Yes, let us do that. And in the meantime, the Department of Classics supports the creation of this minor and concurs in the inclusion of this course.

Anthony

On Dec 4, 2015, at 4:01 PM, Horn, David <horn.5@osu.edu> wrote:

Anthony,

Yes, that would certainly fit well, in both the proposed minor and the existing major. Would you want us to include 4204 for now and make the change when the new course has been approved?

David

Sent from my iPhone

On Dec 4, 2015, at 1:49 PM, Anthony Kaldellis <kaldellis.1@osu.edu> wrote:

Hello David,

We must be thinking along parallel lines. Ok, first the specifics: Classics 4204 is rarely offered (last time was 2008) and it is not likely to be offered again anytime soon. So that answers that question.

A few weeks ago, however, I was in discussion with one of our faculty members about whether we should re-propose this course at the 2xxx level and credential it as a GE Cultures and Ideas course. Your proposal for this minor gives an impetus to that idea. Would it fit in your major / minor in that guise?

Best  
Anthony

On Dec 4, 2015, at 1:10 PM, Horn, David <horn.5@osu.edu> wrote:

Dear Anthony,

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David

<osu-emailsig.png>

**David G. Horn**

Professor

College of Arts and Sciences Department of Comparative Studies

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<STS minor proposal 3.docx>



**THE OHIO STATE UNIVERSITY**

School of Communication

3016 Derby Hall  
154 N. Oval Mall  
Columbus, OH 43210

614-292-3400 Phone  
614-292-2055 Fax

[comm.ohio-state.edu](http://comm.ohio-state.edu)

December 4, 2015

David Horn, PhD  
Department of Comparative Studies  
The Ohio State University

David,

The School of Communication is pleased to offer a concurrence regarding inclusion of three of our courses in the proposed minor on Science and Technology Studies. Because we already offer the courses on a regular basis, it would not create difficulty for our unit to offer them in the future. There may be some issues with having enough space in these courses to accommodate additional students, as they are typically full each semester, but we will do our best to do so.

Sincerely,

Daniel G. McDonald  
Professor and Director

**From:** Horn, David horn.5@osu.edu   
**Subject:** Re: Minor proposal concurrence  
**Date:** December 4, 2015 at 4:48 PM  
**To:** Passino, Kevin passino.1@osu.edu



Thanks, Kevin, for your prompt and supportive reply.

David

Sent from my iPhone

On Dec 4, 2015, at 2:34 PM, Passino, Kevin <passino.1@osu.edu> wrote:

David:

On Dec 4, 2015, at 12:54 PM, Horn, David <horn.5@osu.edu> wrote:

Dear Kevin,

It was good to meet with you a few weeks back; I hope we will soon have other occasions to continue that conversation.

It was nice to meet all of you too!

As I mentioned, Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes your course on Humanitarian Engineering.

That is nice.

We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal and confirm that you are willing to have your course included in the minor, and that you expect it to be offered on a regular basis in the future?

Yes, and yes.

We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

I attached the file you sent, where I made a few remarks with track changes on...

I certainly support this, as it is important for our College to build bridges across campus, and this one is quite natural.

Best, Kevin

Thank you in advance for your consideration, and please let me know if you have any questions. (If this request is better directed to your department chair or the dean, please advise me.)

David

<osu-emailsig.png>

**David G. Horn**  
Professor

College of Arts and Sciences, Department of Comparative Studies

College of Arts and Sciences Department of Comparative Studies  
428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210  
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<STS minor proposal 3.docx>

Prof. Kevin M Passino  
Humanitarian Engineering Center  
Humanitarian Engineering: Book, 2nd Edition (free download)  
and free online course here, iTunesU, and YouTube  
iSTEM Education; Colaboración Guatemala; Community Technology Clinic  
1-614-312-2472



THE OHIO STATE UNIVERSITY

<KPremarks-STS minor proposal 3.docx>



THE OHIO STATE UNIVERSITY

**From:** Horn, David horn.5@osu.edu   
**Subject:** Re: Minor proposal concurrence  
**Date:** December 12, 2015 at 3:39 PM  
**To:** Moddelmog, Debra Moddelmog.1@osu.edu



Thanks, Debra, for your prompt and supportive reply. I am fine adding 2269 and will make that change to the proposal.

Hope you have a relaxing break.

David

On Dec 12, 2015, at 10:14 AM, Moddelmog, Debra <Moddelmog.1@osu.edu> wrote:

Hi David,

Our Undergraduate Studies Committee reviewed the proposal for an interdisciplinary minor in Science and Technology Studies, and their view, which I endorse, is that we should support this new minor. We would like to suggest adding English 2269 (Digital Media Composing) to the list of electives, so thanks for considering that small, and I hope friendly, recommendation.

I think this looks like a very exciting minor that will help to bridge the Humanities and the STEM fields; it will reinforce in particular the importance of the work we do in the Humanities for considering the implications and effects of science and technology on our society. Thanks for your leadership on this effort.

Let me know if you need anything else. Good luck with the proposal.

My best,

Debra

<image001.png>

**Debra A. Moddelmog**

Professor and Chair

Department of English

421 Denney Hall

164 Annie and John Glenn Ave.

Columbus, OH 43210

614-292-6065 Office / 614-292-7816 Fax

[moddelmog.1@osu.edu](mailto:moddelmog.1@osu.edu) [english.osu.edu](http://english.osu.edu)

**From:** Horn, David

**Sent:** Friday, December 4, 2015 4:02 PM

**To:** Moddelmog, Debra <[moddelmog.1@osu.edu](mailto:moddelmog.1@osu.edu)>

**Subject:** Re: Minor proposal concurrence

Thanks, Debra. Hope the semester is winding down for you (even as I add to your work!).

David

Sent from my iPhone

On Dec 4, 2015, at 1:47 PM, Moddelmog, Debra <[moddelmog.1@osu.edu](mailto:moddelmog.1@osu.edu)> wrote:

Thanks very much, David. I'll run this by our Undergraduate Studies Committee and email soon with a formal response. Looks very interesting!

My best,

Debra

<image001.png>

**Debra A. Moddelmog**

Professor and Chair

Department of English

421 Denney Hall

164 Annie and John Glenn Ave.

Columbus, OH 43210

614-292-6065 Office / 614-292-7816 Fax

[moddelmog.1@osu.edu](mailto:moddelmog.1@osu.edu) [english.osu.edu](http://english.osu.edu)

---

**From:** Horn, David

**Sent:** Friday, December 4, 2015 12:25 PM

**To:** Moddelmog, Debra <[moddelmog.1@osu.edu](mailto:moddelmog.1@osu.edu)>

**Cc:** Horn, David <[horn.5@osu.edu](mailto:horn.5@osu.edu)>

**Subject:** Minor proposal concurrence

Dear Debra,

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine

technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David

<image001.png>

**David G. Horn**

Professor

College of Arts and Sciences Department of Comparative Studies  
428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210  
614.292.2559  
[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)



THE OHIO STATE UNIVERSITY

**David G. Horn**

Professor

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614.292.2559  
[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)

**From:** Horn, David horn.5@osu.edu  
**Subject:** FW: Concurrence Request  
**Date:** January 15, 2016 at 1:46 PM  
**To:** David Horn horn.5@osu.edu



---

**From:** Wilson, Robyn

**Sent:** Tuesday, December 15, 2015 9:12 PM

**To:** Horn, David

**Cc:** Sharp, Jeff; Johnston, Renee

**Subject:** Concurrence Request

Hello Dr. Horn,

The Academic Affairs Committee in the School of Environment and Natural Resources reviewed the proposal for the new minor in Science & Technology Studies. We appreciate the opportunity to review this proposal, and we support the creation of this minor. We do not see this particular minor overlapping with any of the current minors in the School, and we do appreciate seeing two SENR courses listed in the electives. These courses seem quite appropriate. We identified two other courses that we think fit well within the minor in terms of its focus, you might want to consider adding these as well.

ENR 3470 Religion and Environmental Values in America - <http://senr.osu.edu/courses/enr-3470>

RS 5500 Diffusion of Innovations - <http://senr.osu.edu/courses/rurlsoc-5500>

Please let me know of any additional questions you might have regarding our concurrence.

Sincerely,

Robyn Wilson, Academic Affairs Committee Chair



**Robyn S. Wilson, PhD**

Associate Professor of Risk Analysis and Decision Science

College of Food, Agricultural and Environmental Sciences School of Environment and Natural Resources

316D Kottman Hall, 2021 Coffey Road, Columbus, OH 43210

614-247-6169 Office / 614-570-7699 Mobile / 614-292-7432 Fax

[wilson.1376@osu.edu](mailto:wilson.1376@osu.edu) [senr.osu.edu](http://senr.osu.edu)

Click [here](#) to go to Robyn's webpage

Click [here](#) to go to the Environmental and Social Sustainability Lab webpage

Click [here](#) to go to the Human Dimensions of the Environment Research Group webpage

**From:** Stebenne, David [stebenne.1@osu.edu](mailto:stebenne.1@osu.edu)  
**Subject:** RE: Minor proposal concurrence  
**Date:** December 16, 2015 at 11:52 AM  
**To:** Horn, David [horn.5@osu.edu](mailto:horn.5@osu.edu)



David: there were no objections to concurrence from History's Undergrad Teaching Committee and so concurrence is granted.

David

---

**From:** Horn, David  
**Sent:** Saturday, December 05, 2015 11:54 AM  
**To:** Stebenne, David  
**Subject:** Re: Minor proposal concurrence

Thanks, David.

Sent from my iPhone

On Dec 5, 2015, at 9:46 AM, Stebenne, David <[stebenne.1@osu.edu](mailto:stebenne.1@osu.edu)> wrote:

Hi David.

I will have the undergrad teaching committee look this over: back to you soon.

David

Sent from my iPhone

On Dec 4, 2015, at 2:36 PM, Horn, David <[horn.5@osu.edu](mailto:horn.5@osu.edu)> wrote:

Thanks, Nate. I'll look forward to hearing from David.

David

Sent from my iPhone

On Dec 4, 2015, at 11:59 AM, Rosenstein, Nathan <[rosenstein.1@osu.edu](mailto:rosenstein.1@osu.edu)> wrote:

Hi David,

I am forwarding this to David Stebenne who chairs our Undergraduate Teaching Committee, which handles all the requests for concurrences. He'll get back to you with any concerns and an answer as soon as the committee can take up the proposal.

Best, Nate

---

**From:** "Horn, David" <[horn.5@osu.edu](mailto:horn.5@osu.edu)>  
**Date:** Friday, December 4, 2015 at 12:31 PM

**To:** Nathan Rosenstein <[rosenstein.1@osu.edu](mailto:rosenstein.1@osu.edu)>

**Cc:** "Horn, David" <[horn.5@osu.edu](mailto:horn.5@osu.edu)>

**Subject:** Minor proposal concurrence

Dear Nate,

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes several courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified courses from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Finally, if there is a member of the History faculty you would like to have serve as a program advisor, please let me know (I have spoken with Chris Otter about this proposal, and if he is willing we would love to have him).

Thank you in advance for your consideration, and please let me know if you have any questions.

David

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**David G. Horn**

Professor

College of Arts and Sciences Department of Comparative Studies

428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210

614.292.2559

[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)

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<STS minor proposal 3.docx>

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**From:** Horn, David [horn.5@osu.edu](mailto:horn.5@osu.edu)   
**Subject:** Re: Minor proposal concurrence  
**Date:** December 6, 2015 at 1:19 PM  
**To:** Metzger, James [metzger.72@osu.edu](mailto:metzger.72@osu.edu)



Thanks, Jim. We will keep the course on in the hopes that you soon have someone to teach in this area. And we'd love to have some FAES students steered in the direction of the new minor!

David

Sent from my iPhone

On Dec 6, 2015, at 9:58 AM, Metzger, James <[metzger.72@osu.edu](mailto:metzger.72@osu.edu)> wrote:

David: Yes, Jim is preferred. HCS will enthusiastically supports the STS minor, and if fact we see it as a connection, albeit small, between our department and colleagues in the social sciences and humanities (which have been lacking). However the HCS course you are considering, HCS 2203, "People and Plants: Meals. Medicine, Material and Myths" is not currently being taught. This is due to the fact that we are short faculty because of six retirements over the past couple of years. With that said, we have authorization from the College to refill all six vacancies over the next two years (in addition to three Discovery Theme positions), and it is our intention to offer this class once some of the vacancies are filled.

Regardless if you keep HCS 2203 in list of courses for the STS minor we still support it. You may not be aware of the fact that all CFAES undergrads are required to have a minor, and this minor provides an excellent option for them.

Regards,

Jim



THE OHIO STATE UNIVERSITY

**James D. Metzger, PhD**  
**Professor and Chair**  
**Department of Horticulture & Crop Science**  
202C Kottman Hall  
2021 Coffey Road  
Columbus, OH 43210  
Ph: 614-292-3854  
FAX: 614-292-7162

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**From:** Horn, David  
**Sent:** Friday, December 04, 2015 12:41 PM  
**To:** Metzger, James  
**Cc:** Horn, David  
**Subject:** Minor proposal concurrence

Dear Jim (if I may)

David G. Horn (419) 292-2559

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David



THE OHIO STATE UNIVERSITY

**David G. Horn**

Professor

College of Arts and Sciences Department of Comparative Studies  
428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210  
614.292.2559  
[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)



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**From:** Mughan, Anthony mughan.1@polisci.osu.edu  
**Subject:** Proposed STS minor  
**Date:** December 7, 2015 at 12:16 PM  
**To:** Horn, David horn.5@osu.edu



Dear David,

Thanks for sending me the proposal for Comparative Studies' proposed minor in Science and Technology Studies. International Studies is happy to have three of its courses (4320, 4597.01 and 4703) included in the minor, although I might note that the title of 4703 has been recently changed to "Science, Technology and US National Security." All three courses are offered regularly

This is an exciting and timely minor and International Studies endorses it with enthusiasm.

Tony

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Anthony Mughan  
Professor, Political Science &  
Director, International Studies  
2140 Derby Hall  
The Ohio State University  
Columbus, OH 43210

*Phone:* (614) 292-9657  
*Fax:* (614) 688-3020  
*E-mail:* mughan.1@osu.edu

**From:** Boone, Graeme boone.44@osu.edu  
**Subject:** RE: Minor proposal concurrence  
**Date:** December 31, 2015 at 12:24 PM  
**To:** Horn, David horn.5@osu.edu

BG

David,

Thank you for writing again about this. The CMRS staff did discuss it and we are delighted to have our course included in the CS minor, and to support the minor in this way.

As to regularity of offering, however, I unfortunately cannot make any guarantees at the moment. The course has been offered once so far, and it is up to the faculty member who did it to decide (in consultation with us and his department) when he will do so again. I know that his department is severely understaffed right now, and for this reason he may not have the freedom to teach this course in the near future. But we'll be in touch with him about this in the new year, and let you know when we learn more.

with best wishes,

Graeme

Graeme M. Boone  
Director, Center for Medieval and Renaissance Studies  
Professor of Music

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**From:** Horn, David  
**Sent:** Tuesday, December 29, 2015 3:21 PM  
**To:** Boone, Graeme  
**Cc:** Horn, David  
**Subject:** Re: Minor proposal concurrence

Hi Graeme,

Just following up to see if you heard back from your staff.

Best wishes for the new year.

David

On Dec 5, 2015, at 9:56 AM, Horn, David <horn.5@osu.edu> wrote:

Thanks, Graeme.

Sent from my iPhone

On Dec 5, 2015, at 6:22 AM, Boone, Graeme <boone.44@osu.edu> wrote:

Dear David,

Your proposal looks great. Let me run it by my staff to see if there are any concerns. One will be that the frequency of offerings of the MedRen course you are including depends on the availability and interest of the professor who teaches it, rather than on any firm schedule of MedRen course offerings. My records indicate that MedRen 2610 was offered once in 2013, and has not been offered again since then. Whether it is offered again depends on the availability of the faculty member who proposed and taught it.

I'll write again after hearing back from the CMRS staff on this.

Graeme

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**From:** Horn, David  
**Sent:** Friday, December 04, 2015 12:35 PM  
**To:** Boone, Graeme  
**Cc:** Horn, David  
**Subject:** Minor proposal concurrence

Dear Graeme

Dear Graham,

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one CMRS course. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David

[cid:3f6771eb-7f7d-4e87-a125-ae1c6oedd261@osu.edu]

David G. Horn  
Professor  
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**From:** D'Arms, Justin darms.1@osu.edu  
**Subject:** Re: Minor proposal concurrence  
**Date:** December 30, 2015 at 8:51 AM  
**To:** Horn, David horn.5@osu.edu



Oops, yes, I heard back from my faculty a while ago. Let me know if you need anything more than this.

J

Dear David,

Thank you for sending me the proposal from Comparative Studies for a new minor in Science and Technology Studies. Our department is happy to concur in this minor program and is grateful to you for your efforts in putting it together. It looks like an excellent complement to the existing opportunities in this area at Ohio State.

We agree that the philosophy classes listed are the appropriate choices for an STS minor and are pleased that they are included. We expect to continue to offer all of them regularly.

Our director of Undergraduate Studies, Professor Lisa Shabel, can serve as a contact within our department for students interested in the minor.

Yours truly,

Justin D'Arms  
Professor and Chair  
Department of Philosophy  
Ohio State University  
350 University Hall  
230 North Oval Mall  
Columbus, OH 43201  
Phone (614) 292-7914  
Fax (614) 292-7502

**From:** Perry, Robert perry.6@osu.edu  
**Subject:** FW: Minor proposal concurrence  
**Date:** January 7, 2016 at 4:27 PM  
**To:** Horn, David horn.5@osu.edu  
**Cc:** Beatty, James beatty.85@osu.edu



David,

Jim asked me to reply to this request. Sorry for the delay, I wanted to be sure that Physics 2367 will continue to be offered for some time. As long as it continues to attract enough students, we plan to continue teaching it and are happy to have it included in Comparative Study's STS minor.

Sincerely,  
Robert Perry  
Professor & Vice Chair for Undergraduate Studies  
Physics Department

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**From:** Beatty, James  
**Sent:** Friday, December 04, 2015 12:56 PM  
**To:** Gramila, Thomas; Perry, Robert  
**Subject:** Fwd: Minor proposal concurrence

Sent from my iPhone

Begin forwarded message:

**From:** "Horn, David" <horn.5@osu.edu>  
**Date:** December 4, 2015 at 12:48:20 EST  
**To:** "Beatty, James" <beatty.85@osu.edu>  
**Cc:** "Horn, David" <horn.5@osu.edu>  
**Subject:** Minor proposal concurrence

Dear Jim (if I may),

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary

focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David

From: **Horn, David** horn.5@osu.edu   
Subject: **Re: Minor proposal concurrence**  
Date: **December 14, 2015 at 4:01 PM**  
To: **Buchmann, Claudia** buchmann.4@osu.edu



Thanks Claudia and Kristi. We will be happy to add the environmental justice course as an elective.

David

On Dec 14, 2015, at 3:45 PM, Buchmann, Claudia <[buchmann.4@osu.edu](mailto:buchmann.4@osu.edu)> wrote:

Dr. Horn:

I second Kristi's approval of the concurrence for the minor. Please let us know when it is official and we will work to ensure that the 3302 course is able to accommodate those students.

Best,  
Claudia

Claudia Buchmann  
Professor & Chair  
Department of Sociology  
238 Townshend Hall  
Columbus, OH 43210  
614-292-5452

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On Dec 10, 2015, at 11:31 AM, Williams, Kristi <[williams.2339@osu.edu](mailto:williams.2339@osu.edu)> wrote:

Dear Dr. Horn,

Claudia Buchmann, Sociology Department Chair, forwarded your minor proposal concurrent request to me as the Director of Undergraduate Studies in Sociology. This looks like a fantastic program! Sociology is delighted to be involved and to offer our concurrence. We offer multiple sections of SOCIOL 3302: Technology and Global Society each semester and we look forward to welcoming your minors who chose this as one of their Foundations Courses.

You may also wish to consider adding our course on Environmental Justice (SOCIOL 3460) as an elective. It is a GE course that is offered at least annually and would be a terrific option for students interested in science and the environment. I have listed the course description below and attached a syllabus. Please let me know if you have questions or would like more information about the course.

Sincerely,  
Kristi Williams

What are the sources of environmental problems within the U.S. and globally? Why are some groups more exposed to environmental hazards than others? What is "environmental racism" and where does it come from? How have communities mobilized in response to environmental risks? Can environmental movements stem the tide of environmental degradation? What are governments doing (or not doing) about global climate change?

degradation: what are governments doing (or not doing) about global climate change, localized pollution, and environmental inequality? Is it possible to build social systems that are socially just and ecologically "sustainable?" What is "nature" anyhow?

These are just a few of the questions that can be addressed by taking a sociological perspective on the environment. In this class, we will link questions about environmental justice—which typically focus on the unequal distribution of environmental hazards—with larger bodies of theory and research in environmental sociology and social inequality. We will examine the economic, political, and cultural foundations of environmental degradation and environmental inequality, as well as the conditions that lead people to organize social movements for environmental (e)quality. We will discover some deep sources of contemporary environmental problems but will also consider some promising solutions.

The course seeks to introduce some theoretical and analytical frameworks that are useful not only for understanding environmental justice, but for making sense of many contemporary social problems. By the end of the semester, you will not only know more about environmental justice, you will have grappled with major theories of capitalism, culture, ethics, inequality, race, and social change. You will also have seen some of the research strategies that social scientists use to analyze environmental inequality and a range of other issues.

**From:** "Horn, David" <[horn.5@osu.edu](mailto:horn.5@osu.edu)>  
**Subject:** Minor proposal concurrence  
**Date:** December 4, 2015 at 12:44:23 PM EST  
**To:** "Buchmann, Claudia" <[buchmann.4@osu.edu](mailto:buchmann.4@osu.edu)>  
**Cc:** "Horn, David" <[horn.5@osu.edu](mailto:horn.5@osu.edu)>

Dear Claudia (if I may),

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical

Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Thank you in advance for your consideration, and please let me know if you have any questions.

David

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**David G. Horn**

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THE OHIO STATE UNIVERSITY

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[horn.5@osu.edu](mailto:horn.5@osu.edu) [osu.edu](http://osu.edu)

**From:** Guisela Latorre latorre.13@osu.edu  
**Subject:** Re: Minor proposal concurrence  
**Date:** January 28, 2016 at 4:02 PM  
**To:** Horn, David horn.5@osu.edu



Dear David,

I apologize for not getting back to you. I'm afraid that Undergraduate Studies in our department was unable to respond on time for the deadline because of all the work associated with the beginning of the semester. Nevertheless, we support this minor and think it will greatly enhance the curricular options for our WGSS undergrads.

Best,  
Guisela

On Thu, Jan 28, 2016 at 3:53 PM, Horn, David <[horn.5@osu.edu](mailto:horn.5@osu.edu)> wrote:  
Guisela,

I am sending in the STS minor proposal without a letter of concurrence from WGSS, but with a presumption of your support. If you are able to send a letter at some future date I will forward it to the college office.

Thanks,

David

On Jan 15, 2016, at 1:45 PM, Horn, David <[horn.5@osu.edu](mailto:horn.5@osu.edu)> wrote:

Hi Guisela,

We are getting ready to send this proposal in to the college, and I wonder if you have heard back yet from Wendy.

Thanks,

David

On Dec 30, 2015, at 9:12 AM, Guisela Latorre <[latorre.13@osu.edu](mailto:latorre.13@osu.edu)> wrote:

Dear David,

This new minor sounds great and I am glad three of our courses are included. I will send your proposal to Wendy Smooth, our chair of undergraduate studies, right away. We have two faculty members who are interested in the topic, namely Juno Parreñas and Jill Bystydzienski. Feel free to contact either one of them about the program advisor position. Also, I wanted to let you know that next year we will have in residence a faculty fellow named Tobias Linné who does great work in STS. I will be in touch with you as I get a better sense of the course he plans to teach for us next year.

Best,  
Guisela

On Tue, Dec 29, 2015 at 3:35 PM, Horn, David <[horn.5@osu.edu](mailto:horn.5@osu.edu)> wrote:

Guisela,

I am resending a proposal that may have escaped your attention at the end of the last semester. We have concurrence letters from almost every department whose courses are included in the minor, and would like to submit the proposal as soon as possible in January. Can you let me know if you have any questions or concerns about our including the WGSS courses? If we have not heard from you by 15 January we will assume your concurrence.

Thanks, and best wishes for the new year.

David

Begin forwarded message:

**From:** "Horn, David" <[horn.5@osu.edu](mailto:horn.5@osu.edu)>  
**Date:** December 4, 2015 at 12:17:45 PM EST  
**To:** Guisela LaTorre <[lаторre.13@osu.edu](mailto:lаторre.13@osu.edu)>  
**Cc:** David Horn <[horn.5@osu.edu](mailto:horn.5@osu.edu)>  
**Subject:** **Minor proposal concurrence**

Dear Guisela,

Comparative Studies is proposing a new undergraduate minor in Science and Technology Studies (STS), and I am writing to ask for your participation and support. The minor complements an existing STS major offered by our department; like the major, the minor draws on courses from a number of departments in Arts and Sciences, as well as on a few in other colleges. It is similar in structure to STS minors offered by many of our peer institutions, including a majority of CIC universities. We think it will appeal to both STEM and non-STEM majors in other departments at Ohio State.

The attached proposal provides further information on the rationale and structure of the minor. The minor curriculum includes one or more courses from your department. We have tried to limit the list to those courses that have a primary focus on either 1) the cultural, social, and historical contexts that shape science and technology, or 2) the ethical, political, and social implications of scientific and technical work. We have not included any course with a primary focus on medicine or health to avoid duplication of the new undergraduate minor in Medical Humanities.

Could you please review the proposal to confirm that you are willing to have the specified course(s) from your department included in the minor, and that you expect them to be offered on a regular basis in the future? We would be also grateful for a brief note of support and concurrence, which can take the form a reply to this email. We would appreciate a reply by the end of the calendar year.

Finally, if there is a member of the WGSS faculty you would like to have serve as a program advisor, please let me know.

Thank you in advance for your consideration, and please let me know if you have any questions.

David

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**David G. Horn**

Professor

College of Arts and Sciences Department of Comparative Studies

428 Hagerty Hall, 1775 South College Road, Columbus, OH 43210

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horn.5@osu.edu osu.edu

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Guisela Latorre, Associate Professor  
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Columbus, OH 43210  
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