

Rochester INSTITUTE OF TECHNOLOGY

Minor Program proposal form

COLA

**STS/Public Policy Department**

**Name of Minor:** Science, Technology, and Society

**Brief description of the minor to be used in university publications**

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| This minor integrates the studies of human society and science and technology in their social content and context. The minor bridges the humanities and social sciences to provide better understanding of the ways in which science, technology, and society are mutually interacting forces in our world. Students will learn how to analyze the social institutions, the built environment, and their role in creating them. This minor will enhance a student’s ability to contribute to the development of science and technology in ways that are historically, culturally, and ethically informed. |

**1.0 Minor Program Approvals**

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| --- | --- | --- |
|  | Approval request date: | Approval granted date: |
| Academic Unit Curriculum Committee |  | 2/3/12 |
| College Curriculum Committee | 2/10/12 | 2/10/12 |
| Inter-College Curriculum Committee | 2/27/12 | 2/27/12 |

**2.0 Rationale:**

A minor at RIT is a related set of academic courses consisting of no fewer than 15 semester credit hours leading to a formal designation on a student's baccalaureate transcript

How is this set of academic courses related?

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| This minor integrates the studies of human society and science and technology in their social content and context. The minor bridges the humanities and social sciences to provide better understanding of the ways in which science, technology, and society are mutually interacting forces in our world. |

**3.0 Multidisciplinary involvement:**

If this is a multidisciplinary minor spanning two or more academic units, list the units and their role in offering and managing this minor.

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| STS/Public Policy is the primary academic unit for this minor. We do include a few relevant courses from other departments as optional courses. |

**4.0 Students ineligible to pursue this minor:**

The purpose of the minor is both to broaden a student's college education and deepen it in an area outside the student’s major program. A minor may be related to and complement a student’s major, or it may be in a completely different academic/professional area.   It is the responsibility of the academic unit proposing a minor and the unit’s curriculum committee to indicate any home programs for which the minor is not a broadening experience.

Please list below any home programs whose students will not be allowed to pursue this minor, provide the reasoning, and indicate if this exclusion has been discussed with the affected programs:

|  |
| --- |
| none |

**5.0 Minor Program Structure, Sequence and Course Offering Schedule:**

Describe the structure of the proposed minor and list all courses, their anticipated offering schedule, and any prerequisites.

* All minors must contain at least fifteen semester credit hours;
* Minors may be discipline-based or interdisciplinary;
* In most cases, minors shall consist of a minimum of two upper division courses (300 or above) to provide reasonable breadth and depth within the minor;
* As per New York State requirements, courses within the minor must be offered with sufficient frequency to allow students to complete the minor within the same time frame allowed for the completion of the baccalaureate degree;
* Provide a program mask showing how students will complete the minor.

Narrative of Minor Program Structure:

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| Students have a choice of any four courses from the list of approved courses (one must be 300 level or higher) and are required to take the capstone seminar (STSO-510). |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Course Number & Title | SCH | Required | Optional | Fall | Spring | A/B | Prerequisites |
| STSO-510 Seminar in STS | 3 | X |  | X | X | A |  |
| STSO-140 Science Technology and Values (p) | 3 |  | X | X | X | A |  |
| STSO-201 Science and Technology Policy (p)  | 3 |  | X | X | X | A |  |
| STSO-240 Social Consequences of Technology (p)  | 3 |  | X | X | X | A |  |
| STSO-245 History of Women in Science and Engineering (p) | 3 |  | X | X | X | A |  |
| STSO-321 Face of the Land (WI) | 3 |  | X | X | X | A |  |
| STSO-341 Biomedical Issues | 3 |  | X | X | X | A |  |
| STSO-342 Gender, Science and Technology | 3 |  | X | X | X | A |  |
| STSO-345 Makers of Modern Science | 3 |  | X  | X | X | A |  |
| STSO-346 History of American Technology | 3 |  | X  | X | X | A |  |
| STSO-441 Cyborg Theory | 3 |  | X  | X | X | A |  |
| STSO-442 Science, Technology and Society Classics (WI) | 3 |  | X  | X | X | A |  |
| STSO-445 History of Science | 3 |  | X  | X | X | A |  |
| STSO-446 History of Chemistry | 3 |  | X  | X | X | A |  |
| STSO-489 Special Topics in STS | 3 |  | X  | X | X | A |  |
| PUBL-530 Energy Policy | 3 |  | X  | X | X | A |  |
| Interdisciplinary courses below: |  |  |  |  |  |  |  |
| COLA-ENGL-419 Literature and Technology | 3 |  | X |  |  | A |  |
| COLA-PHIL-402 Philosophy of Science | 3 |  | X |  |  | A |  |

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| --- | --- |
| Total credit hours: |  15 |

**Minor Course Conversion Table: Quarter Calendar and Semester Calendar Comparison**

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| **Directions: The tables on this page will be used by the registrar’s office to aid student’s transitioning from the quarter calendar to the semester calendar.**  **If this minor existed in the quarter calendar and is being converted to the semester calendar please complete the following tables.**  **If this is a new minor that did not exist under the quarter calendar do not complete the following tables.**Use the following tables to show minor course comparison in quarter and semester calendar formats. Use courses in the (2011-12) minor mask for this table. Display all required and elective minor courses. If necessary clarify how course sequences in the quarter calendar convert to semesters by either bracketing or using some other notation. |

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| --- | --- |
| Name of Minor in Semester Calendar: | **Science, Technology, and Society Minor** |
| Name of Minor in Quarter Calendar: | Science, Technology, and Society Minor |
| Name of Certifying Academic Unit: | STS/Public Policy Department |

| **QUARTER: Current Minor Courses** | **SEMESTER: Converted Minor Courses** |  |
| --- | --- | --- |
| Course # | Course Title | QCH | Course # | Course Title | SCH | **Comments** |
| 0508-530 | Seminar in Science, Technology, and the Environment | 4 | STSO-510 | Seminar in STS | 3 |  |
| 0508-211 | Science Technology and Values  | 4 | STSO-140 | Science Technology and Values (p) | 3 |  |
| 0508-441 | Science and Technology Policy  | 4 | STSO-201 | Science and Technology Policy (p)  | 3 |  |
| 0508-444 | Social Consequences of Technology  | 4 | STSO-240 | Social Consequences of Technology (p)  | 3 |  |
| 0508-449 | History of Women in Science and Engineering  | 4 | STSO-245 | History of Women in Science and Engineering (p) | 3 |  |
| 0508-443 | Face of the Land (WI) | 4 | STSO-321 | Face of the Land (WI) | 3 |  |
| 0508-445 | Biomedical Issues | 4 | STSO-341 | Biomedical Issues | 3 |  |
| 0508-452 | Gender, Science and Technology | 4 | STSO-342 | Gender, Science and Technology | 3 |  |
| 0508-446 | Makers of Modern Science | 4 | STSO-345 | Makers of Modern Science | 3 |  |
| 0508-442 | History of American Technology | 4 | STSO-346 | History of American Technology | 3 |  |
| 0508-451 | Cyborg Theory | 4 | STSO-441 | Cyborg Theory | 3 |  |
| 0508-500 | Science, Technology and Society Classics (WI) | 4 | STSO-442 | Science, Technology and Society Classics (WI) | 3 |  |
| 0508-440 | History of Science | 4 | STSO-445 | History of Science | 3 |  |
| 0508-450 | History of Chemistry | 4 | STSO-446 | History of Chemistry | 3 |  |
| 0508-447 | Special Topics in STS | 4 | STSO-489 | Special Topics in STS | 3 |  |
| 0521-451 | Energy Policy | 4 | PUBL-530 | Energy Policy | 3 |  |
|  |  |  |  |  |  |  |
| 0504-462 | Literature and Technology | 4 | COLA-ENGL-419 | Literature and Technology | 3 |  |
| 0509-443 | Philosophy of Science | 4 | COLA-PHIL-402 | Philosophy of Science | 3 |  |

Policy Name: **D1.1 MINORS POLICY**

 1. Definition

A minor at RIT is a related set of academic courses consisting of no fewer than 15 semester credit hours leading to a formal designation on a student's baccalaureate transcript.

The purpose of the minor is both to broaden a student's college education and deepen it in an area outside the student’s major program. A minor may be related to and complement a student’s major, or it may be in a completely different academic/professional area.   It is the responsibility of the academic unit proposing a minor and the unit’s curriculum committee to indicate any home programs for which the minor is not a broadening experience.

In most cases, minors shall consist of a minimum of two upper division courses to provide reasonable breadth and depth within the minor.

2. Institutional parameters

1. Minors may be discipline-based or interdisciplinary;
2. Only matriculated students may enroll in a minor;
3. At least nine semester credit hours of the minor must consist of courses not required by the student's home program;
4. Students may pursue multiple minors.  A minimum of nine semester credit hours must be designated towards each minor; these courses may not be counted towards other minors;
5. The residency requirement for a minor is a minimum of nine semester credit hours consisting of RIT courses (excluding "X" graded courses);
6. Posting of the minor on the student's academic transcript requires a minimum GPA of 2.0 in each of the minor courses;
7. Minors may not be added to the student's academic record after the granting of the bachelor's degree.

3. Development/approval/administration processes

* 1. Minors may be developed by faculty at the departmental, inter-departmental, college, or inter-college level. As part of the minor development process:
		1. students ineligible for the proposed minor will be identified;
		2. prerequisites, if any, will be identified;
	2. Minor proposals must be approved by the appropriate academic unit(s) curriculum committee, and college curriculum committee(s), before being sent to the Inter-College Curriculum Committee (ICC) for final consideration and approval.
	3. The academic unit offering the minor (in the case of interdisciplinary minors, the designated college/department) is responsible for the following:
		1. enrolling students in the minor (as space permits);
		2. monitoring students progress toward completion of the minor;
		3. authorizing the recording of the minor's completion on student's academic records;
		4. granting of transfer credit, credit by exam, credit by experience, course substitutions, and advanced placement;
		5. responding to student requests for removal from the minor.
	4. As per New York State requirements, courses within the minor must be offered with sufficient frequency to allow students to complete the minor within the same time frame allowed for the completion of the baccalaureate degree.

4. Procedures for Minor revision

It is the duty of the college curriculum committee(s) involved with a minor to maintain the program’s structure and coherence.  Once a minor is approved by the ICC, changes to the minor that do not have a significant effect on its focus may be completed with the approval of the involved academic unit(s) and the college curriculum committee(s).  Significant changes in the focus of the minor must be approved by the appropriate academic unit(s) curriculum committee(s), the college curriculum committee(s) and be resubmitted to the ICC for final consideration and approval.