

B.S. in Science, Technology and Society

(124 credit minimum)

First Year

1st Semester		Term Credits
MATH 101	Foundations of Mathematics for the Liberal Arts	3
HUM 101	English Composition: Writing, Speaking, Thinking I	3
	Natural Science GUR Elective	3
	Natural Science Lab GUR Elective	1
STS 201	Understanding Technological Society	3
CS 100	Roadmap to Computing	3
	Transfer-NA Elective	
Term Credits		16

2nd Semester

MATH 105	Elementary Probability and Statistics	3
HUM 102	English Composition: Writing, Speaking, Thinking II	3
	Natural Science GUR Elective	3
ECON 201	Economics	3
	Free Elective (100 or 200 level or equivalent)	3
	Physical Education	1
Term Credits		16

Second Year**1st Semester**

STS 308	Technology and Global Development: Introduction to STS	3
	Select one of the following:	3
EPS 202	Society, Technology, and the Environment	
STS 210	General Psychology	
STS 221	Sociology	
	Select one of the following:	3
HUM 211	The Pre-Modern World	
HUM 212	The Modern World	
HIST 213	The Twentieth-Century World	
	Free Elective (100 or 200 level or equivalent)	3
	Free Elective (100 or 200 level or equivalent)	3
	Physical Education	1
Term Credits		16

2nd Semester

STS 310	Technology and Human Values	3
	300 Level STS Specialization	3
	Free Elective (100 or 200 level or equivalent)	3
	Free Elective (100 or 200 level or equivalent)	3
	Free Elective (100 or 200 level or equivalent)	3
Term Credits		15

Third Year**1st Semester**

STS 304	Writing about Science, Technology and Society	3
	300 Level STS Specialization	3
	300 Level LIT/PHIL/HIST Course	3
	Free Elective (300 or 400 level or equivalent)	3
	Free Elective (300 or 400 level or equivalent)	3
Term Credits		15

2nd Semester

STS 307	Fundamentals of Research in STS	3
300 Level STS Specialization Course		3
STS Independent Study Elective		1
Open GUR 300-level LIT/PHIL/HIST/ENG Course		3
Free Elective (300 or 400 level or equivalent)		3
Free Elective (300 or 400 level or equivalent)		3
Term Credits		16

Fourth Year**1st Semester**

STS 490	Project and Seminar I	3
300 level STS Elective		3
Select one of the following:		3
MGMT 390	Principles of Management	
ENTR 410	New Venture Management	
HRM 301	Organizational Behavior	
IE 492	Engineering Management	
Free Elective (300 or 400 level or equivalent)		3
Free Elective (300 or 400 level or equivalent)		3
Term Credits		15

2nd Semester

STS 491	Project and Seminar II	3
300 Level STS Elective		3
400 Level Senior Seminar		3
Free Elective (300 or 400 level or equivalent)		3
STS 300-level Elective		3
Term Credits		15
Total Credits		124

GUR Requirements**Social Science (lower-level) GUR**

Select one of the following Economics courses:		3
ECON 201	Economics	
ECON 265	Microeconomics	
ECON 266	Macroeconomics	
Approved courses at Rutgers-Newark		

Select one of the following:		3
EPS 202	Society, Technology, and the Environment	
STS 257	Technology, Society and Culture: An American View	
STS 258	Technology, Society and Culture: A Global View	
Approved courses at Rutgers-Newark		

Humanities and Social Sciences (upper-level) GUR

Select one of the following 300-level courses:		
LIT 3XX	Literature course	
HIST 3XX	History course	
PHIL 3XX	Philosophy course	
STS 3XX	Science, Technology and Society course	
3XX	Approved 300-level course at Rutgers-Newark	

Open Elective in Humanities and Social Sciences (upper-level) GUR

Select one of the following 300-level courses:		
ENG 3XX	English course	
HIST 3XX	History course	

LIT 3XX	Literature course	
PHIL 3XX	Philosophy course	
STS 3XX	Science, Technology and Society course	
SS 3XX	Social Science course	
THTR 3XX	Theater course	
ARCH 382	History of Architecture IV	
3XX	Approved 300-level course at Rutgers-Newark	

English Composition and Cultural History (lower-level) GUR

Select one of the following: 3

HUM 102	English Composition: Writing, Speaking, Thinking II	
HUM 211	The Pre-Modern World	
HUM 212	The Modern World	
HIST 213	The Twentieth-Century World	
2XX	200-level history course at Rutgers-Newark	

Capstone Seminar in Humanities and Social Sciences (upper-level) GUR

All students, except those enrolled in the honors college, take one of the following: 3

HSS 403	Humanities Senior Seminar - Literature	
HSS 404	Humanities Senior Seminar - History	
HSS 405	Humanities Senior Seminar - Philosophy	
HSS 406	Humanities Senior Seminar - English	
HSS 407	Humanities Senior Seminar - Theater	
HSS 408	Humanities Senior Seminar - Science, Technology, and Society	
HSS 409	Humanities Senior Seminar - Social Science	

Students enrolled in the honors college take one from: 3

HSS 408H		
HSS 491H		

Physical Education GUR

PE 1XX	Physical Education course	1
Physical Education course		1

Electives

Major Option

Select appropriate electives in consultation with an advisor ¹ 18

Free Electives

Students select appropriate electives in consultation with an advisor.

¹ Usually the Director of the STS Program. Courses may be selected from different disciplines but must comprise a coherent program of study within an option.

Refer to the **General University Requirements** for further information on electives.

Specializations

- Mind, Behavior, and Society
- Environmental and Sustainability Studies
- Race and Gender in Science in Technology
- Politics, History, and Ethics in Science and Technology
- Music, Literature, and Culture in a Technological Society

Co-op

Co-op courses replace electives with the approval of an advisor. In science, technology and society, STS 311 Co-op Work Experience I and STS 411 Co-op Work Experience II are taken for degree credit.

This curriculum represents the maximum number of credits per semester for which a student is advised to register. A full-time credit load is 12 credits. First-year students are placed in a curriculum that positions them for success which may result in additional time needed to complete curriculum requirements. Continuing students should consult with their academic advisor to determine the appropriate credit load.