

# B.S. HISTORY, TECHNOLOGY, SOCIETY (BS-HTS) UNDERGRADUATE DEGREE CHECKLIST

BS-HTS  
Catalog Year  
2024-2025

NAME \_\_\_\_\_  
Email \_\_\_\_\_

GTID# \_\_\_\_\_  
Minor/Certificate Concentration: \_\_\_\_\_

## CORE Competencies (45 CREDIT HOURS)

Wellness Requirement (select one)	Term	Credit	Grade	Technology, Math, and Sciences	Term	Credit	Grade
APPH 1040 or APPH 1050 or APPH 1060		2		Lab Science:		4	
<b>Communicating in Writing</b>	Term	Credit	Grade	Lab Science:		4	
ENGL 1101 English Composition I		3		Select either: (1) MATH 1711 Finite Math or		4	
ENGL 1102 English Composition II		3		(2) MATH 1551 Differential Calculus &		2	
<b>Math &amp; Quant Skills (select one)</b>		4		MATH 1553 Intro to Linear Algebra		2	
MATH 1712 Surv. Calc or MATH 1552 Integ. Cal				<b>Political Science and US History</b>	Term	Credit	Grade
<b>Institutional Priority (select one)</b>	Term	Credit	Grade	INTA 1200 or POL 1101 or PUBP 3000		3	
CS 1301 Introduction to Computing		3		<i>HIST 2111 or HIST 2112 may also be applied</i>			
or CS 1315 Intro to Media Computation				<b>Social Sciences (select 3 HTS Social Science courses)</b>			
<b>Arts, Humanities, and Ethics</b>	Term	Credit	Grade	HTS Elective 1:		3	
Modern Language:		3		HTS Elective 2:		3	
Modern Language:		3		HTS Elective 3:		3	

## BS-HTS Field of Study

Grade of C or better required

	Term	Credit	Grade		Term	Credit	Grade
Select one: <i>ECON 2100 or ECON 2101</i>		3		HTS 2101 Historical & Social Research		3	
<i>or ECON 2105 or ECON 2106</i>				HTS Elective:		3	
HIST 2111 or HIST 2112		3		HTS Non-US Elective:		3	
SOCI 1101 Introduction to Sociology		3		HTS Non-US Elective:		3	

## BS History, Technology, and Society Major Requirements

Grade of C or better required

### HTS Science, Technology, & Medicine Requirement (6 hrs) Select two of the following courses:

(HTS 1081, 2080, 2081, 2082, 2084, 2100, 3001, 3007, 3020, 3021, 3046, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089)

	Term	Credit	Grade		Term	Credit	Grade
		3				3	

### HTS Seminars (8 hrs) Select two of the following seminar courses: (HTS 4001, 4011, 4031, 4061, 4081, 4086, 4091)

	Term	Credit	Grade		Term	Credit	Grade
		4				4	

## HTS Specialization (9 hrs)

*Select one of the following HTS Specializations:*

- U.S. Society
- Global Studies
- Politics, Economics, and Innovation
- Science, Technology, Medicine
- Communities, Environment, and Sustainability
- Power, Inequality, and Social Justice
- Culture and Society
- Custom Specialization

HTS Specialization	Term	Credit	Grade
HTS Spec.		3	
HTS Spec.		3	
HTS Spec.		3	

HTS Elective Option	Term	Credit	Grade
HTS Elective		3	

## NON-MAJOR Cluster (12 hours)

	Term	Credit	Grade		Term	Credit	Grade
		3				3	
		3				3	

## FREE Electives (18 hours)

	Term	Credit	Grade		Term	Credit	Grade
Elective		3		Elective		3	
Elective		3		Elective		3	
Elective		3		Elective		3	

**Total Credit Hours Required: 122**

# GEORGIA TECH CORE REQUIREMENTS FOR BS-HTS

## Wellness Requirement (2 credit hrs): (Select one)

- APPH 1040** Scientific Foundations of Health or  
**APPH 1050** The Science of Physical Activity or  
**APPH 1060** Flourishing for Well-Being and Resilience

## Communicating in Writing (6 credit hrs required)

(must be completed by 30 credit hours; C or better grade required)

- ENGL 1101** English Composition I (3 hrs)  
**ENGL 1102** English Composition II (3 hrs)

## Mathematics and Quantitative Skills (4 credit hrs) (Select one)

- MATH 1712** Survey of Calculus (4 hrs) or  
**MATH 1552** Integral Calculus (4 hrs)

## Institutional Priority (3 credit hrs): (Select one)

- CS 1301** Introduction to Computing or  
**CS 1315** Introduction to Media Computation

## Arts, Humanities, and Ethics (6 credit hrs required)

Select two Modern Language courses.

(Placement test required prior to taking a Modern Language course)

<https://modlangs.gatech.edu/students/placement-tests>

Languages include Arabic (ARBC), Chinese (CHIN),  
French (FREN), German (GRMN), Japanese (JAPN), Korean (KOR),  
Persian (PERS), Russian (RUSS), and Spanish (SPAN).

## Technology Math, & Sciences (12 credit hrs required)

Select 2 of the following Lab Science Courses:

- BIOS 1107 & 1107L** Biological Principles & Biological Prin. Lab  
**BIOS 1108 & 1108L** Organismal Biology & Organismal Biology Lab  
**BIOS 1220** Biology of Sex & Death    **CHEM 1310** Gen. Chem for Engineers  
**CHEM 1211K** Chemical Principles I    **CHEM 1212K** Chemical Principles II  
**EAS 1600** Introduction to Environmental Science  
**EAS 1601** Habitable Planet    **EAS 2600** Earth Processes  
**PHYS 2211** Introductory Physics I    **PHYS 2212** Introductory Physics II

### Select a Math option:

- (1) **MATH 1711** Finite Mathematics (4 credit hrs) or  
(2) **MATH 1551** Differential Calculus (2 credit hrs) &  
**MATH 1553** Introduction to Linear Algebra (2 credit hrs)

NOTE ON MATH Course Sequences: (courses apply to AREAs A & D)

Option 1: MATH 1711 & MATH 1712

Option 2: MATH 1551, MATH 1552, & MATH 1553

Option 3: MATH 1712, MATH 1551, & 1553

## Political Science and US History (3 hours)

- INTA 1200** American Government in Comparative Perspective (3 hrs) or  
**POLS 1101** Government in the United States (3 hrs) or  
**PUBP 3000** American Constitutional Issues (3 hrs) or  
**HIST 2111** The US to 1877 or **HIST 2112** The US since 1877

## HTS Social Science Electives (Choose 3 courses)

(Choose any HTS course with a Social Science attribute)

## B.S. History, Technology, & Society Field of Study (21 credit hrs):

**Economics Requirement** (3hrs) Select one of the following:

- ECON 2100** Economic Analysis and Policy Problems or  
**ECON 2101** The Global Economy or  
**ECON 2105** Principles of Macroeconomics or  
**ECON 2106** Principles of Microeconomics

**HTS Core US History Requirement** (3hrs) Select one:

- HIST 2111** The US to 1877 or **HIST 2112** The US since 1877

**HTS 2101** Historical & Social Research (3 hrs)

**SOCI 1101** Introduction to Sociology (3 hrs)

**HTS Elective** (3hrs)

**Non-US HTS Elective** (3hrs) (see course options listing)

**Non-US HTS Elective** (3hrs) (see course options listing)

## B.S. History, Technology, & Society Major (26 credit hrs) (Minimum grade of C required in all courses)

**Science, Technology, & Medicine Requirement** (6 hrs)

Select 2 courses (see course options listing)

**HTS Seminar Requirement** (8 hrs)

Select 2 HTS 4000 level seminar courses

**HTS Specialization** (pick an HTS Specialization)

Select 3 courses (9 hrs) (see course options listing)

**HTS Elective** (3hrs) (see course options listing)

**NON-Major Cluster** - Select 4 courses (12 hours) with the same prefix or part of a coherent theme. Courses taken for a minor or certificate may be applied to the section. Please consult with your academic advisor on course selection.

**FREE Electives** - Select 18 credit hours of additional courses. Courses taken for a minor or certificate may be applied to the section. Free Electives are not required to have a coherent theme.

## Program Notes

Pass/fail: Students can do pass/fail for HTS electives, non-major cluster, and free electives. However, students who complete at least 91 credit hours at Georgia Tech are limited to 6 pass/fail credit hours in HTS electives and students who complete less than 90 credit hours at Tech are limited to 3 pass/fail credit hours in HTS electives.

All courses in the HTS core must be taken for a letter grade and the student must earn a C or better.

Only one grade of D (three credits) is allowed in HTS electives.

### HTS Elective Course Listing

#### HTS Non-US Electives

<b>HTS 1031</b> European History Since the Renaissance	<b>HTS 3038</b> French Revolution
<b>HTS 2036</b> Revolutionary Europe	<b>HTS 3039</b> Modern France
<b>HTS 2037</b> Twentieth Century Europe	<b>HTS 3041</b> Modern Spain
<b>HTS 2040</b> History of Islamic Societies to 1500	<b>HTS 3043</b> Modern Germany
<b>HTS 2041</b> History of the Modern Middle East	<b>HTS 3045</b> Nazi Germany and the Holocaust
<b>HTS 2061</b> Traditional Asia	<b>HTS 3046</b> Science/Politics/Culture in Nazi Germany
<b>HTS 2062</b> Asia in the Modern World	<b>HTS 3048</b> Modern Russian History
<b>HTS 3028</b> Ancient Greece	<b>HTS 3051</b> Women And Gender in the Middle East
<b>HTS 3029</b> Ancient Rome	<b>HTS 3055</b> Globalization in the Modern Era
<b>HTS 3030</b> Medieval Europe (350-1400 AD)	<b>HTS 3061</b> Modern China
<b>HTS 3031</b> European Labor History	<b>HTS 3062</b> Modern Japan
<b>HTS 3032</b> European Intellectual History	<b>HTS 3063</b> British Colonization
<b>HTS 3033</b> Medieval England	<b>HTS 3064</b> Sociology of Development
<b>HTS 3035</b> Britain 1815 - 1914	<b>HTS 3065</b> History of Global Societies
<b>HTS 3036</b> Britain Since 1914	<b>HTS 3069</b> Modern Cuba

#### HTS Science, Technology, and Medicine Electives

<b>HTS 1081</b> Engineering in History	<b>HTS 3080</b> History of Rocketry
<b>HTS 2080</b> Intro to the History of Disease & Medicine	<b>HTS 3081</b> Technology and the Environment
<b>HTS 2081</b> The Scientific Revolution	<b>HTS 3082</b> Sociology of Science
<b>HTS 2082</b> Technology/Science in the Industrial Age	<b>HTS 3083</b> Technology and the Environment
<b>HTS 2084</b> Technology and Society	<b>HTS 3084</b> Culture and Technology
<b>HTS 2100</b> Science, Technology, & the Modern World	<b>HTS 3085</b> Law, Technology, and Politics
<b>HTS 3001</b> American Economic History	<b>HTS 3086</b> Sociology of Medicine and Health
<b>HTS 3007</b> Sociology of Work and Industry	<b>HTS 3087</b> History of Medicine
<b>HTS 3020</b> Gender and Technology	<b>HTS 3088</b> Race, Medicine, and Science
<b>HTS 3021</b> Women in Science and Engineering	<b>HTS 3089</b> Science, Technology, and Sports
<b>HTS 3046</b> Sci./Politics/Culture Nazi Germany	

#### HTS Seminars

<b>HTS 4001</b> Seminar in United States History	<b>HTS 4081</b> Seminar in History of Technology
<b>HTS 4011</b> Seminar in Sociology	<b>HTS 4086</b> Seminar in Health, Medicine, & Society
<b>HTS 4031</b> Seminar in European History	<b>HTS 4091</b> Seminar in Global Issues
<b>HTS 4061</b> Seminar in Asian History	

