

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

BS-HTS
Catalog Year
2022-2023

NAME _____
Email _____

GTID# _____
Minor/Certificate Concentration: _____

GEORGIA TECH CORE REQUIREMENTS (45 CREDIT HOURS)

| | | | | | | | |
|--|-------------|---------------|--------------|---|-------------|---------------|--------------|
| Wellness Requirement: | Term | Credit | Grade | Core Area D : Lab Sciences & Math (12hrs) | Term | Credit | Grade |
| APPH 1040 or APPH 1050 or APPH 1060 | | 2 | | Lab Science: | | 4 | |
| Core Area A: Essential Skills | 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 & MATH 1553 | | 2 | |
| Select either: MATH 1712 Survey of Calc. or MATH 1552 Integral Calculus | | 4 | | Differential Calc. & Intro to Linear Algebra | | 2 | |
| Core Area B: Institutional Options | Term | Credit | Grade | Core Area E : Social Sciences (12hrs) | Term | Credit | Grade |
| CS 1301 Introduction to Computing | | 3 | | US Hist/Gov't Req: (select one) | | 3 | |
| or CS 1315 Intro to Media Computation | | 3 | | <i>HIST 2111 or HIST 2112 or INTA 1200 or POL 1101 or PUBP 3000</i> | | | |
| Core Area C : Humanities | Term | Credit | Grade | HTS Social Science Electives | | | |
| Modern Language: | | 3 | | HTS Elective 1: | | 3 | |
| Modern Language: | | 3 | | HTS Elective 2: | | 3 | |
| | | 3 | | HTS Elective 3: | | 3 | |

Core AREA F: History, Technology, and Society Core (21 CREDIT HOURS)

| | | | | | | | |
|---|-------------|---------------|--------------|---------------------------------------|-------------|---------------|--------------|
| Grade of C or better required | | | | | | | |
| | Term | Credit | Grade | | Term | Credit | Grade |
| Select one: <i>ECON 2100 or ECON 2101</i> <i>or ECON 2105 or ECON 2106</i> | | 3 | | HTS 2101 Historical & Social Research | | 3 | |
| HIST 2111 or HIST 2112 | | 3 | | HTS Elective: | | 3 | |
| SOCL 1101 Introduction to Sociology | | 3 | | HTS Non-US Elective: | | 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: | | | | | | | |
| <i>(HTS 1081, 2080, 2081, 2082, 2084, 2100, 3001, 3007, 3020, 3021, 3046, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089)</i> | | | | | | | |
| | 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:

| | | | | | | |
|---|---------------------------|--|-------------|---------------|---------------|--------------|
| <input type="checkbox"/> U.S. Society <input type="checkbox"/> Global Studies <input type="checkbox"/> Politics, Economics, and Innovation <input type="checkbox"/> Science, Technology, Medicine <input type="checkbox"/> Communities, Environment, and Sustainability <input type="checkbox"/> Power, Inequality, and Social Justice <input type="checkbox"/> Culture and Society <input type="checkbox"/> 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

AREA A- Essential Skills (10 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)

AREA A Math Requirement: (Select one of the following)

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

AREA B – Institutional Options (3 credit hrs): (Select one)

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

AREA C – Humanities (6 credit hours 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).

AREA F - B.S. History, Technology, & Society Core (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

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

AREA D - Science, Math, Technology (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

AREA D Math Requirement: (select either 1 or 2)

- (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

AREA E – Social Sciences (12 credit hrs required)

(Select one of the following to satisfy the US Hist/Gov't requirement)

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

HTS Social Science Electives (Choose 3 courses)

(Choose any HTS course with a Social Science attribute)

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)

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

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

HTS Science, Technology, and Medicine Electives

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

HTS Seminars

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

HTS Specializations (Pick a specialization and select three courses from the approved courses listed below)

| US Society | Global Studies | Politics, Economics, & Innovation | Power, Inequality, & Social Justice |
|--|---|---|--|
| HTS 2001 Early American History | HTS 1031 Europe Since the Renaissance | HTS 1081 Engineering in History | HTS 2016 Social Issues and Public Policy |
| HTS 2002 The American Revolution and Constitution | HTS 2036 Revolutionary Europe: 1789-1914 | HTS 2016 Social Issues and Public Policy | HTS 3006 United States Labor History |
| HTS 2006 History of the Old South to 1865 | HTS 2037 Twentieth Century Europe: 1914 to Present | HTS 2100 Sci, Tech & Modern World | HTS 3008 Class, Power, and Social Inequality |
| HTS 2007 History of the New South since 1865 | HTS 2040 History of Islamic Societies | HTS 3001 American Economic History | HTS 3011 The City in American History |
| HTS 2011 The Gilded Age and the Progressive Era | HTS 2041 History of the Modern Middle East | HTS 3002 History of American Business | HTS 3012 Urban Sociology |
| HTS 2013 Modern America: World War II and After | HTS 2051 Colonial Latin America and the World | HTS 3003 Sociology of Economic Institutions | HTS 3016 Women and Gender in the United States |
| HTS 2015 History of Sports in America | HTS 2061 Traditional Asia and Its Legacy | HTS 3006 United States Labor History | HTS 3017 Sociology of Gender |
| HTS 2052 North American Borderlands | HTS 2062 Asia in the Modern World | HTS 3007 Sociology of Work, Industry, & Occupations | HTS 3020 Gender and Technology |
| HTS 2085 Reel History I: US History through Hollywood Films | HTS 2100 Sci, Tech & Modern World | HTS 3031 European Labor History | HTS 3021 Women in Science and Engineering |
| HTS 3001 American Economic History | HTS 3030 Medieval Europe: 350 to 1400 | HTS 3064 Sociology of Development | HTS 3022 Gender and Sports |
| HTS 3002 History of American Business | HTS 3031 European Labor History | HTS 3066 Sociology of Politics and Society | HTS 3023 Slaves without Masters: Free People of Color before 1865 |
| HTS 3005 American Environmental History | HTS 3032 Modern European Intellectual History | HTS 3068 Social Movements | HTS 3024 African American History to 1865 |
| HTS 3006 United States Labor History | HTS 3033 Medieval England | HTS 3080 History of Rocketry | HTS 3025 African American History since 1865 |
| HTS 3009 The American Civil War | HTS 3035 Britain from 1815-1914 | HTS 3083 Technology & the Shaping of American Society | HTS 3026 Sociology of Race and Ethnicity |
| HTS 3011 The City in American History | HTS 3036 Britain Since 1914 | HTS 3084 Culture and Technology | HTS 3027 The Civil Rights Movement |
| HTS 3012 Urban Sociology | HTS 3038 The French Revolution | HTS 3085 Law, Technology, and Politics | HTS 3031 European Labor History |
| HTS 3015 History of the Vietnam War | HTS 3039 Modern France | | HTS 3051 Women and the Politics of Gender in the Middle East |
| HTS 3016 Women and Gender in the United States | HTS 3041 Modern Spain | Science, Technology, & Medicine | HTS 3067 Revolutionary Movements in the Modern World |
| HTS 3018 New Religions and Cults in America | HTS 3043 Modern Germany | HTS 1081 Engineering in History | HTS 3068 Social Movements |
| HTS 3019 The Family, Sexuality, & Social Change in America | HTS 3045 Nazi Germany and the Holocaust | HTS 2080 Introduction to the History of Disease and Medicine | HTS 3071 Sociology of Crime |
| HTS 3022 Gender and Sports | HTS 3046 Science, Politics, and Culture in Nazi Germany | HTS 2081 The Scientific Revolution | HTS 3072 Sociology of Education |
| HTS 3023 Slaves without Masters: Free People of Color before 1865 | HTS 3048 Modern Russian History and Society | HTS 2082 Technology and Science in the Industrial Age | |
| HTS 3024 African American History to 1865 | HTS 3051 Women and the Politics of Gender in the Middle East | HTS 2084 Technology and Society | |
| HTS 3025 African American History since 1865 | HTS 3055 Globalization in the Modern Era | HTS 2100 Sci, Tech & Modern World | |
| HTS 3026 Sociology of Race and Ethnicity | HTS 3061 Modern China | HTS 3020 Gender and Technology | |
| HTS 3027 The Civil Rights Movement | HTS 3062 Modern Japan | HTS 3021 Women in Science and Engineering | |
| HTS 3068 Social Movements | HTS 3063 Outposts of Empire: Comparative History of British | HTS 3046 Science, Politics, and Culture in Nazi Germany | |
| HTS 3070 Culture and Society | HTS 3064 Sociology of Development | HTS 3080 History of Rocketry | |
| HTS 3073 Sociology of Sports | HTS 3065 History of Global Societies | HTS 3081 Technology and the Environment | |
| HTS 3083 Technology and the Shaping of American Society | HTS 3067 Revolutionary Movements in the Modern World | HTS 3082 Sociology of Science | |
| HTS 3100 Introduction to Museum Studies | HTS 3069 Modern Cuba | HTS 3083 Technology & the Shaping of American Society | |
| | | HTS 3084 Culture and Technology | |
| Communities, Environment, & Sustainability | Culture & Society | HTS 3085 Law, Technology, and Politics | |
| HTS 3005 American Environmental History | HTS 2015 History of Sports in America | HTS 3086 Sociology of Medicine and Health | |
| HTS 3011 The City in American History | HTS 2085 Reel History I: US History through Hollywood Films | HTS 3087 History of Medicine | |
| HTS 3012 Urban Sociology | HTS 3022 Gender and Sports | HTS 3088 Race, Medicine & Science | |
| HTS 3026 Sociology of Race and Ethnicity | HTS 3046 Science, Politics, and Culture in Nazi Germany | HTS 3089 Science, Technology and Sports | |
| HTS 3064 Sociology of Development | HTS 3070 Culture and Society | | |
| HTS 3071 Sociology of Crime | HTS 3073 Sociology of Sports | | |
| HTS 3072 Sociology of Education | HTS 3084 Culture and Technology | | |
| HTS 3081 Technology and the Environment | HTS 3100 Introduction to Museum Studies | | |

Custom Specialization

In consultation with the HTS advisor, students may choose 3 HTS classes with a coherent theme that is not reflected in the other seven pre-approved areas of specialization.