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

NAME Em

Elective

Elective

NAME	NAME GTID#										
Email	nail Minor/Certificate Concentration:										
GEORGIA TECH CORE REQUIREMENTS (45 CREDIT HOURS)											
Wellness	Requirement:	Term	Credit		· · ·	) : Lab Sciences & Math (12hrs)	Term	Credit	Grade		
	0 or APPH 1050 or APPH 1060		2		Lab Science:			4			
Core Area	A: Essential Skills	Term	Credit	Grade	Lab Science:			4			
ENGL 110	01 English Composition I		3		Select either: (1) MATH 1711 Finite Math or			4			
	2 English Composition II		3		(2) MATH 1551 Differential Calculus &			2			
Select either: MATH 1712 Survey of Calc.					MATH 1553 Intro to Linear Algebra			2			
or MATH 1552 Integral Calculus			4			: Social Sciences (12hrs)	Term		Grade		
Core Area	B: Institutional Options	Term	Credit	Grade	US Hist/Gov't Req: 3			orado			
1	ntroduction to Computing			0.440	HIST 2111 or HIST 2112 or INTA 1200 or POL 1101 or PUBP 3000			3000			
	5 Intro to Media Computation		3		HTS Social Science Electives						
	a C : Humanities	Term	Credit	Grade	HTS Elective 1:		1	3			
	anguage:	Term	3	Orduc	HTS Elective 1:			3			
	anguage:		3		HTS Elective			3			
							l	5			
	Core AREA F	: History				Core (18 CREDIT HOURS)					
Grade of C or better required											
		Term	Credit	Grade			Term	Credit	Grade		
Select on	e: ECON 2100 or ECON 2101		3		HTS 2101 H	istorical & Social Research		3			
	or ECON 2105 or ECON 2106		3		HTS Non-L	JS Elective:		3			
HIST 2111	1 or HIST 2112		3		HTS Non-US Elective:			3			
SOCI 110	1 Introduction to Sociology		3								
	5,										
	ВЭП	istory, i				or Requirements					
		0.14			better required						
(UTO 4004						Select two of the following of			00)		
(HTS 1081	1, 2080, 2081, 2082, 2084, 2100,				46, 3080, 308	1, 3082, 3083, 3084, 3085, 3086					
						Credit 3	Grade				
			Ŭ	I				Ŭ			
HTS	Seminars (8 hrs) Select two				r courses: (I	HTS 4001, 4011, 4031, 4061,			<i>,</i>		
		Term	Credit	Grade			Term		Grade		
			4					4			
			HTS S	pecializ	ation (12 h	rs)					
Select of	one of the following HTS Spec	ialization	IS:								
				F	ITS Specialization	Term	Credit	Grade			
				HTS Spec.			3				
	Politics, Economics, and Innovation				HTS Spec.			3			
	Science, Technology, Medie	cine			HTS Spec.			3			
	Communities, Environment										
Power, Inequality, and Social Justice					H	TS Elective Option	Term	Credit	Grade		
Culture and Society								3			
	Custom Specialization	FIrstillect.			3						
NON-MAJOR Cluster (12 hours)											
				Grade			Term	Credit	Grade		
		3					3				
			3		l			3			
						<b>N</b>	I	3			
FREE Electives (18 hours) Term Credit Grade Term Credit Grade											
		Term	Credit	Grade			Term		Grade		
Elective			3		Elective			3			

3

3

Elective

Elective

3

3

# **GEORGIA TECH CORE REQUIREMENTS FOR BS-HTS**

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

APPH 1040 Scientific Foundations of Heath *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 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

 ABEA D Math Paguirament: (select either 1 or 2)

#### 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 satify 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)

### 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 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)HTS Specialization (pick an HTS Specialization)

Select 2 courses (see course options listing) HTS Seminar Requirement (8 hrs) Select 2 HTS 4000 level seminar courses

HTS Elective (3hrs) (see course options listing) This elective should be 3000 level or above

Select 3 courses (9 hrs) (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.

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.

## Upper Division Req.: Must take a minimum of 39 hours of upper division coursework in order to qualify graduation.

ETHICS Requirement - select one of the following courses to satisfy the Ethics Requirement         HTS 1081       Engineering in History         HTS 2084       Technology and Society         HTS 3032       Modern European Intellectual History         For other courses which satisfy the Ethics req. go to :       https://catalog.gatech.edu/academics/undergraduate/core-curriculum/ethics/											
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 Holocust										
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 HistoryHTS 4011 Seminar in SociologyHTS 4031 Seminar in European HistoryHTS 4061 Seminar in Asian History

HTS 4081 Seminar in History of Technology HTS 4086 Seminar in Health, Medicine, & Society HTS 4091 Seminar in Global Issues

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

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

#### **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.