

Cybersecurity and Human Behavior BA

Overview

The **Bachelor of Arts in Cybersecurity and Human Behavior**, offered by the College of Liberal Arts, is a cutting-edge program that provides students with the necessary knowledge, skills and competencies to embark on careers as cybersecurity professionals.

Cybersecurity is the art of protecting networks, devices, programs, and data from unauthorized access or criminal use and the practice of ensuring confidentiality, integrity, and availability of information. We currently live in a world where almost everyone relies on computers and the internet for communications, entertainment, transportation, shopping, medicine, electricity delivery, and national security, among others. Cybersecurity is a broad and diverse field, and there is a strong need for people who have knowledge and experience beyond traditional/expected hard science skills, such as coding, and networking. At the top of the list are skills such as critical thinking, problem-solving, conducting research, communication, attention to detail, creativity, thinking outside-the-box, and natural curiosity, which are quintessential Liberal Arts skills and expertise. This program combines these perspectives on cybersecurity to give students a well-rounded multidisciplinary exposure and training.

Campus Location: Main

Program Code: LA-CYHB-BA

Contact Information

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These requirements are for students who matriculated in academic year 2024-2025. Students who matriculated prior to fall 2024 should refer to the Archives to view the requirements for their Bulletin year.

Summary of Degree Requirements

University Requirements

- MATH 0701 (4 s.h.) and/or ENG 0701 (4 s.h.), if required by placement testing.
- All Temple students must take a minimum of two writing-intensive courses as part of the major. The specific courses required for this major are ENG 2696 and CYHB 3096.
- Students must complete requirements of the General Education (GenEd) Program. See the General Education section of the *Undergraduate Bulletin* for more details.

College of Liberal Arts Requirements

- Completion of a minimum of 123 credits, including:
 - 90 credits in CLA/CST courses;
 - 45 credits of which must be at the upper level (numbered 2000-4999).
 - For **Social Science majors**, 6 upper level credits (numbered 2000-4999) must be taken in Humanities Subject Areas: Arabic, Chinese, English, French, German, Greek (Ancient), Greek and Roman Classics, Hebrew, Hindi, Italian, Japanese, Latin, Philosophy, Religion, Russian, and Spanish in the College of Liberal Arts, Art History in the Tyler School of Art and Architecture, or any department in the College of Science and Technology.
 - A minimum GPA of 2.0, cumulatively, in CLA/CST coursework, and in the major.
 - Only courses in which a student receives a grade of at least C- can satisfy GenEd, major, or minor requirements.
- **Professional Development Requirement**
 - All students in the College of Liberal Arts are required to take a 1 credit seminar in professional development. CLA 1002 Professional Development for Liberal Arts Majors. Other courses that fulfill this requirement may be found on the CLA College Requirements page. Only one course in this category may count towards graduation.
- **Foreign Language/Global Studies Requirements:**
 - All students must complete or test out of the first and second levels of a foreign language - these courses are numbered 1001 and 1002;
 - All students must complete at least one course from the GenEd Global/World Society category; and
 - All Bachelor of Arts students must complete one of the following options:
 - Third semester of a foreign language;
 - Demonstrated proficiency beyond the third semester in a foreign language (placement exam or certification from the language department);
 - Take one Global Studies course from the list on the CLA College Requirements page;

- Study Abroad at an approved program; or
 - Take a second General Education Global/World Society course.
- **Notes on Foreign Language Study**
 - The third level of language is numbered 1003 in French, Spanish, and Portuguese and numbered 2001 in all other foreign language subjects.
 - Students are strongly encouraged to take the third level of a foreign language as it is the minimum required for election to the prestigious honor society *Phi Beta Kappa*. (Taking the course does not guarantee admission but not taking it guarantees exclusion.)
 - See the College of Liberal Arts Policies section of this *Bulletin* for more information on the Foreign Language Placement, Regression in Coursework, and guidelines for students' other experiences with language.

General Electives are typically one-third of a student's program of study and can be focused on a second major, a minor, or towards some other personal enrichment or professional goals. See an academic advisor for assistance in developing an academic plan for these courses.

Major Requirements

Code	Title	Credit Hours
CYHB 2001	Introduction to Cybersecurity	3
CYHB 3001	Social Engineering and Cybersecurity	3
CYHB 3096	Cybersecurity Governance, Risk, Compliance and Policy	3
CYHB 4001	Community Engagement and Cyber Hygiene	3
ENG 2696	Technical Writing	3
Statistics Course		
Select one of the following:		3
PSY 1003	Statistics for Psychology	
SOC 1167	Social Statistics	
SOC 3201	Statistical Methods in Sociology	
CJ 2602	Criminal Justice Statistics	
MATH 1013	Elements of Statistics	
ENST 3161	Spatial Statistics	
or GUS 3161	Spatial Statistics	
PSY 1001	Introduction to Psychology	3
PHIL 3228	Ethics of Artificial Intelligence	3
CIS 1051	Introduction to Problem Solving and Programming in Python	4
CIS 2109	Database Management Systems	4
CIS 2229	Architecture, Operating Systems and Networking	4
Major Electives		
Select three of the following:		9
ADV 3013	The User Experience	
CJ 2201	Criminal Courts and Criminal Justice	
CJ 3007	Cybercrime	
CJ 3506	Cyber-Investigations, Digital Forensics, and the Law	
CSI 3601	Misperceptions and Misinformation	
CSI 4601	Narrative Persuasion	
CYHB 3002	Cybersecurity, Surveillance and Privacy	
CYHB 3085	Internship in Cybersecurity and Human Behavior	
LGLS 3522	Technology, Privacy and Intellectual Property Law	
POLS 2232	Cyberpolitics	
PSY 2402	Foundations of Industrial and Organizational Psychology	
SOC 2575	Science, Technology & Society	
Total Credit Hours		45

Suggested Academic Plan

Bachelor of Arts in Cybersecurity and Human Behavior

Suggested Plan for New Students Starting in the 2024-2025 Academic Year

Year 1		Credit Hours
Fall		
ENG 0802	Analytical Reading and Writing [GW]	4
or ENG 0812	or Analytical Reading and Writing: ESL [GW]	
or ENG 0902	or Honors Analytical Reading and Writing [GW]	
CLA/CST 0800-4999 Elective		4
GenEd Breadth Course		3
Foreign Language 1001 - first level		4
Credit Hours		15
Spring		
CIS 1051	Introduction to Problem Solving and Programming in Python	4
CYHB 2001	Introduction to Cybersecurity	3
PSY 1001	Introduction to Psychology	3
IH 0851	Intellectual Heritage I: The Good Life [GY]	3
or IH 0951	or Honors Intellectual Heritage I: The Good Life [GY]	
Foreign Language 1002 - second level		4
Credit Hours		17
Year 2		
Fall		
CIS 2229	Architecture, Operating Systems and Networking	4
IH 0852	Intellectual Heritage II: The Common Good [GZ]	3
or IH 0952	or Honors Intellectual Heritage II: The Common Good [GZ]	
Statistics Course		3
GenEd Breadth Course		3
Select one of the following:		3
Foreign Language - third level		
GenEd Global/World Society Course		
Internationally-Focused Course From Approved List		
Credit Hours		16
Spring		
CLA 1002	Professional Development for Liberal Arts Majors	1
CIS 2109	Database Management Systems	4
PHIL 3228	Ethics of Artificial Intelligence	3
GenEd Quantitative Literacy Course [GQ]		4
GenEd Breadth Course		3
Credit Hours		15
Year 3		
Fall		
CYHB 3001	Social Engineering and Cybersecurity	3
ENG 2696	Technical Writing [WI]	3
CLA/CST 2000+ Elective		3
CLA/CST 2000+ Elective		4
GenEd Breadth Course		3
Credit Hours		16
Spring		
CYHB 3096	Cybersecurity Governance, Risk, Compliance and Policy [WI]	3
Major Elective from List		3
CLA/CST 2000+ Elective		3

CLA/CST 2000+ Elective		3
GenEd Breadth Course		3
Credit Hours		15
Year 4		
Fall		
CYHB 4001	Community Engagement and Cyber Hygiene	3
Major Elective from List		3
CLA/CST 2000+ Elective		3
CLA/CST 2000+ Elective		3
GenEd Breadth Course		3
Credit Hours		15
Spring		
Major Elective from List		3
CLA/CST 0800-4999 Elective		3
CLA/CST 0800-4999 Elective		3
CLA/CST 0800-4999 Elective		2
GenEd Breadth Course		3
Credit Hours		14
Total Credit Hours		123