

2023-24 Information Technology Checklist

Information Technology (IT) First Year Experience (3 credits) FYS110 First Year Seminar Faith, Ethics, and Reason (9 credits) THL105 Introduction to Theology PHL130 Human Nature & Person Second THL* BIO, CHE, ENV or PHY with lab* Guantitative Problem Solving (3-4 credits) Mathematics* (CST 150 recommended) Civics Problem Solving (3-9 credits) BUS109 Business Plan Competition ECN200 Introductory Economics EGR317 Engineering Economics HIS100 Civics and Democratic Engagement Communication (6 credits) ENG112 Writing and Community COM101 Public Speaking Information Technology (IT) MAJOR REQUIREMENTS A.S. (29 hours) Core Courses INT 100 IT Fundamentals I 2 INT 101 IT Service Center Essentials 2 INT 103 IT Fundamentals II 3 INT 201 Introduction to Networking Principles 3 INT 202 Fund. of Networking & Cloud w/L 4 INT 203 Tech Teaming & Implementation 2 INT 204 Intro to Secure Systems Proto in BUS w/L 4 INT 290 IT Certificate Readiness 1 OTJ 260 On the Job 5 Program Specialization Options: Select one CYBERSECURITY (14 hours) CBS 205 Intro to Cybersecurity Penetration 3 CBS 206 Security Cyberspace 3 CBS 207 Cybersecurity Penetration 3 CBS 208 Cybersecurity Enterprise Fundamentals 3 CBS 209 Security Certificate Readiness 2 INT 204 Intro to Secure Systems Proto in BUS w/L 4 INT 290 IT Certificate Readiness 1 OTJ 260 On the Job 5 Program Specialization Options: Select one CYBERSECURITY (14 hours) CBS 205 Intro to Cybersecurity Penetration 3 CBS 208 Cybersecurity Penetration 3 CBS 209 Security Penetration 3 CBS 209 Security Enterprise Fundamentals 3 CBS 290 Security Certificate Readiness 2 INFORMATION TECHNOLOGY SUPPORT (12 hours)
Faith, Ethics, and Reason (9 credits) THL105 Introduction to TheologyPHL130 Human Nature & PersonSecond THL* Scientific Problem Solving (4-5 credits)BIO, CHE, ENV or PHY with lab* Quantitative Problem Solving (3-4 credits)Mathematics* (CST 150 recommended) Civics Problem Solving (3-9 credits)BUS109 Business Plan CompetitionECN200 Introductory EconomicsBEGR317 Engineering EconomicsHIS100 Civics and Democratic Engagement Communication (6 credits)ENG312 Writing and CommunityCOM101 Public Speaking Cultural and Global Awareness (6 credits) INT 100 IT Fundamentals 2INT 102 Systems Logic & Understanding
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Cultural and Global Awareness (6 credits)
One of the following courses: ITS 205 Database Policies & Principles 3
GLS101 Global Perspectives ITS 206 IT Mobile Essentials 3
HUM210 Meaning Through CultureITS 200 H Mobile Essentials ITS 207 Open Source & Virtualization Software w/L 4
ITS 290 IT A+ Certification Readiness 2
Health and Well-Being (6 credits)
HWB110 Holistic Health: Mind, Body, and Spirit
One of the following courses: Total Earned Major Hours 41-43
PSY101 General Psychology
PSY220 Human Growth and Development
SOC101 Introduction to Sociology
Broad Integrative Knowledge Outside Major**
a. Completion of a minor
b. Completion of a second major
c. Completion of a Pathway
*Please refer to catalog or MUHUB Progress tab for a complete
list of courses that meet these requirements.
**Please refer to catalog or MUHUB Progress tab for a description of acceptable major/minor options for 2-year
description at accontable major/minor entions for 7 year



A.S. Information Technology 2023-24 Sample Two-Year Plan

3				
Fall Semester		Spring Semester		
Course	Credit Hours	Requirement Category	Course	Credit Hours
FYS 110	3	TJP	ENG 112	3
CST 150	4	TJP	THL 105	3
INT 100	2	TJP	COM 101	3
INT 101	2	Major	INT 103	3
INT 102	3	Major	OTJ 260	1
OTJ 260	1	SPEC	CBS/ITS 205	3
	15	Semester Hours		16
	15	Cumulative Hours		31
·	FYS 110 CST 150 INT 100 INT 101 INT 102	FYS 110 3 CST 150 4 INT 100 2 INT 101 2 INT 102 3 OTJ 260 1 15	FYS 110 3 TJP CST 150 4 TJP INT 100 2 TJP INT 101 2 Major INT 102 3 Major OTJ 260 1 SPEC 15 Semester Hours	FYS 110 3 TJP ENG 112 CST 150 4 TJP THL 105 INT 100 2 TJP COM 101 INT 101 2 Major INT 103 INT 102 3 Major OTJ 260 OTJ 260 1 SPEC CBS/ITS 205 15 Semester Hours 15 Cumulative Hours

Summer				
Requirement Category	Course	Credit Hours		
TJP	Science w/L	4		
TJP	Language	3		
Major	OTJ 260	1		
Major	INT 290	1		
Semester Hours		9		
Cumulative Hours		40		

Sophomore Year							
Fall Semester			Spring Semester				
Requirement Category	Course	Credit Hours	Requirement Category	Course	Credit Hours		
Major	INT 201	3	TJP	ECN 200	3		
Major	INT 202	4	Major	INT 203	2		
SPEC	CBS/ITS 206	3	Major	INT 204	4		
SPEC	CBS/ITS 207	3-4	SPEC	CBS 208	3		
Major	OTJ 260	1	SPEC	CBS/ITS 290	2		
			Major	OTJ 260	1		
Semester Hours		14-15	Semester Hours		15		
Cumulative Hours		54-55	Cumulative Hours		69-70		

Sophomore Year

Summer				
Requirement Category	Course	Credit Hours		
TJP	PHL 130	3		
TJP	SOC/PSY	3		
TJP	GLS 101	3		
Semester Hours		9		
Cumulative Hours		77-79		

Note: A minimum 2.0 cumulative GPA and a minimum 2.0 major GPA are required for graduation, so monitor your GPA closely. To meet degree requirements, some disciplines require higher grades in each course or a higher cumulative GPA.

This two-year plan is only a sample and will vary by student and course availability.