Major: CSCA - Computer Science B.A.; Minors: BUIS - Business Information Systems; BUAL - Business Analytics

NOTE: This "Eastern in 4" is a planning document only. Consult with your faculty advisor & use Degree Evaluation to obtain accurate assessment of progress towards your graduation.

Your Name:	Jane Jackson	EasternID:	12345678	Date:	8/15/2024

Eastern in 4 Notes — Revised: 07/01/2024

A degree has GPA, Residency, Major, ELAC, Foreign Language, University Writing, and Upper-level requirements. Minimum of 120 credits are required to graduate. If you have open space, fill in with "Elective."

Major Specific Notes

CSC 210, CSC 231, and CSC 270 require a minimum grade of C. 300- or 400-level CSC courses: either a minimum grade of C in each course or a min. average GPA of 2.3 must be earned. Students can take CSC 230 or MAT 230 to fulfill the Discrete Structures requirement. Two from CSC 231, 270, 340; and CSC 450 meet Eastern's writing requirements and must be taken in residence.

ELAC Requirements

Courses in Minors and Second Majors may count towards ELAC Requirements. Check Degree Evaluation.

In	Course	Title	Requirement		Credits	Rec. Year	Prerequisite
		ELAC - Seminars & Foundationals					
X	MAT 243	Foundational Math	LACM		3	1st	3 to 5 Credits
X	ENG 100	Foundational Writing	LACW		3	1st	3 to 5 Credits
X	LAC 100	LAC 100	LAC 100		3	1st	Must take in first 15 credits
X	LAC 101	LAC 101	LAC 101		1	1st	Must take in first 15 credits
X	LAC 200	LAC 200	LAC 200		3	2nd	
X	LAC 400	LAC 400	LAC 400		3	4th	
	ELAC Disciplinary Perspectives Courses		LA Area	LO	Credits	Year Taken	Prerequisites
	BIS 375	Not ELAC Course					
X	ELAC02	ELAC 24 - Course 2	AH	CM	3		
X	ELAC03	ELAC 24 - Course 3	SS	ER	3		
X	ECO 201	Introductory Microeconomics	SS	CT	3		
X	BIS 379	Data Wrangling	0	0	0		
X	ELA C06	ELAC 24 - Course 6	SM	QL	3		
X	BIS 442	Information Tech Project Mgmt	0	0	0		
X	ELAC08	ELAC 24 - Course 8	SM	ER	3		

	Liberal Arts Areas (LAxx)		Learning Outcomes (LOxx)
1	LA Area - Arts Humanities (AH)	0	LO - Creativity (CR)
2	LA Area - Social Sciences (SS)	1	LO - Communication (CM)
2	LA Area - Science & Math (SM)	1	LO - Critical Thinking (CT)
	ELAC - Seminar & Foundationals Credits: 16	2	LO - Ethical Reasoning (ER)
	ELAC Disciplinary Perspectives Credits: 15	1	LO - Qunatative Literacy (QL)

Major Code: CSCA — **CSCA - Computer Science B.A.**

	Course	Title	Requirement	Credit	Elect	Rec. Year	Prerequisite
		Common Core Requirements	**ents**				
X	CSC 180	Fundamentals of Computing	Major	3		1st	
X	CSC 230	Discrete Math for CSC or Discr	Major	3	CSC 230	2nd	MAT 155
X	CSC 210	Computer Science & Programm	Major	3		1st	CSC 180
X	CSC 231	Computer Science & Programm	Major	3		2nd	CSC 210
X	CSC 270	Data Structures	Major	3		2nd	CSC 231
X	CSC 445	Software Engineering	Major	3		4th	CSC 270
X	CSC 341	Database and Info Manageme	Major	3		3rd	CSC 270
X	CSC 450	Senior Research	Major	3		4th	Senior Standing
	___	**Math: MAT 155/P OR MAT 19**	**AT 195/**	**243**			
X	MAT 244	Calculus II with Technology	Major	4		2nd	MAT 243
X	MAT 243	Calculus I with Technology	Major	4 or 5	MAT 24	1st	Depends on selection
	___	**CSC Principles**					
X	CSC 231	Networking Fundamentals	Major	3	CSC 231	2nd	Depends on selection
X	CSC 320	Computer Organiz And Archite	Major	3			
X	CSC 335	Computer Algorithms	Major	3			
X	CSC 340	Program Lang And Translation	Major	3			
X	CSC 440	Operating Systems	Major	3		3rd	Depends on selection
	___	**CSC Electives (12 Credits)**	**edits)**				
	___	**See department website for r**	**te for**	**more**			
X	BIS 205	Information Management	Major	3	BIS 205	2nd	Depends on selection
X	BIS 305	Business Analytics	Major	3	BIS 305	2nd	Depends on selection
X	BIS 437	Rapid IT Development Mgmt	Major	3	BIS 437	3rd	Depends on selection
X	BIS 442	Information Tech Project Mgm	Major	3	BIS 442	4th	Depends on selection
	___						

Minor Code: BUIS — **BUIS - Business Information Systems**

	Course	Title	Requirem	Credit	Elect	Rec. Ye	Prerequisite
X	BIS 205	Information Management	Minor	3		2nd	
X	BIS 361	Bus. Info Systems	Minor	3		2nd	BIS 205
X	BIS 370	Systems Analysis & Design	Minor	3		2(Sp)/3	BIS 205
	___	**One of Following Courses:**	**rses:**				
	___	**ACC 201, BUS 201, 225, FIN 24**	**5, FIN**	**245**			
X	ACC 201	Principles Of Accounting I	Minor	3	ACC 201	2nd	
	___	**Two BIS Elective Courses:**	**rses:**				
	___	**BIS 3xx or 4xx Courses**	**es**				
X	BIS 430	Enterprise Res Plan/E-Busines	Minor	3	BIS 430	2nd	
X	BIS 379	Data Wrangling	Minor	3	BIS 379	2nd	

Minor Code: BUAL — **BUAL - Business Analytics**

	Course	Title	Requireme	Credit		Rec. Year	Prerequisite
X	BIS 205	Information Management	Minor	3		1st Spr	
X	BIS 373	Bus. Database Management	Minor	3		2nd Fall	BIS 205
X	BIS 305	Business Analytics	Minor	3		3rd	BIS 205 and one from: ECO
		1 of: ECO 215, MAT 216, SOC	**16, SO**	**C 35**			
X	MAT 216	Statistical Data Analysis	lysis		MAT 21		
		Choose 1: BIS 447 or BIS 449	**BIS 4**	**49**			
X	BIS 449	Data Visualization	Minor	3	BIS 449	2nd	
	___	**1 Applied Data Course:**	**e:**				
	___	**FIN 346, BUS 380, 428, ECO 30**	**8, ECO**	**305**			
X	OSC 360	Supply Chain Management	Minor	3	OSC 36	2nd	

1st year Fall 2024

Subj, Crs#	Title	Requirement/s	Crs.
MAT 243	Calculus I with Technolog	LACM	4
ENG 100	College Writing	LACW	3
LAC 100	LAC 100 Seminar	LAC 100	3
LAC 101	LAC 101 LAC Overview	LAC 101	1
CSC 180	Fundamentals of Computing	CSC Major	3
Total			14

1st year Spring 2025

Subj, Crs#	Title	Requirement/s	Crs.
CSC 210	Computer Sci And Programm	CSC Major	3
ECO 201	Principles Of Microeconom	LASS:LOCT / Major	3
MAT 244	Calculus II with Technolo	CSC Major	4
ACC 201	Principles Of Accounting	BIS Minor	3
BIS 205	Information Management	CSC Major	3
Total			16

2nd year Fall 2025

Subj, Crs#	Title	Requirement/s	Crs.
CSC 230	Discrete Math for Compute	CSC Major	3
CSC 231	Computer Sci And Program	CSC Major	3
MAT 216	Statistical Data Analysis	BA Minor	3
BIS 373	Business Database Managem	BA Minor	3
ELAC03	ELAC 24 - Course 3	BIS Minor	3
Total			15

2nd year Spring 2026

Subj, Crs#	Title	Requirement/s	Crs.
BIS 370	Systems Analysis and Desi	BIS Minor	3
CSC 270	Data Structures	CSC Major	3
LAC 200	LAC 200 Seminar	LAC 200	3
ELAC02	ELAC 24 - Course 2	ELAC	3
Total			12

3rd year Fall 2026

Subj, Crs#	Title	Requirement/s	Crs.
BIS 305	Business Analytics	CSC Major	3
CSC 320	Computer Organiz And Arch	CSC Major	3
BIS 437	Rapid IT Development Mgmt	CSC Major	3
CSC 335	Computer Algorithms	CSC Major	3
BIS 379	Data Wrangling	SS, QL, BIS Major	3
Total			15

3rd year Spring 2027

Subj, Crs#	Title	Requirement/s	Crs.
BIS 449	Data Visualization	BA Minor	3
CSC 341	Database And Info Managem	CSC Major	3
BIS 442	Information Tech Project	SM, CT / Majors	3
CSC 340	Program Lang And Translat	CSC Major	3
Total			12

4th year Fall 2027

Subj, Crs#	Title	Requirement/s	Crs.
ELA C06	ELAC 24 - Course 6	ELAC	3
ELAC08	ELAC 24 - Course 8	ELAC	3
BIS 361	Business Information Syst	BIS Minor	3
BIS 430	Enterprise Res Plan/E-Bus	BIS Minor	3
Total			12

4th year Spring 2028

Subj, Crs#	Title	Requirement/s	Crs.
CSC 450	Senior Research	CSC Major	3
LAC 400	LAC 400 Seminar	LAC 400	3
CSC 445	Software Engineering	CSC Major	3
CSC 440	Operating Systems	CSC Major	
OSC 360	Supply Chain Management	BA Minor	3
Total			12

Grand Credit Total (120 minimum) **111**

Congratulations, Graduate!

CSC 490	internship	Major	3

Transfer Courses/Outside Credits (CLEP/DSST Tests)