

**Dual Majors: ECON - Business Economics & BUIS - Business Information Systems**

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.

Name: <b>Janet Smith</b>	EasternID: <b>12345679</b>	Date: <b>8/13/2024</b>
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		

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 & Foundational						
X	MAT 155	Foundational Math	LACM	4	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
X	ELA C01	ELAC 24 - Course 1	AH	CR	3	
X	ELA C02	ELAC 24 - Course 2	AH	CM	3	
X	ELA C03	ELAC 24 - Course 3	SS	ER	3	
X	ELA C04	ELAC 24 - Course 4	SS	CT	3	
X	ELA C05	ELAC 24 - Course 5	SS	QL	3	
X	BIS 447	Bus Intelligence&Data Solution	SM	QL	3	
X	ELA C07	ELAC 24 - Course 7	SM	CT	3	
X	ELA C08	ELAC 24 - Course 8	SM	ER	3	

Liberal Arts Areas (LAXx)			Learning Outcomes (LOxx)			
2	LA Area - Arts Humanities (AH)			1	LO - Creativity (CR)	
3	LA Area - Social Sciences (SS)			1	LO - Communication (CM)	
3	LA Area - Science & Math (SM)			2	LO - Critical Thinking (CT)	

ELAC - Seminar & Foundational Credits: 17      2      LO - Ethical Reasoning (ER)  
 ELAC Disciplinary Perspectives Credits: 24      2      LO - Quantitative Literacy (QL)

Major Code: ECON - Business Economics						
Course	Title	Requirement	Credit	Elec.	Rec. Year	Prerequisite
<b>Major Requirements</b>						
X	ECON 200	Principles of Macroeconomics	Major	3	1st	
X	ECON 201	Principles of Microeconomics	Major	3	1st	
X	ECON 215	Statistics for Business and Econ	Major	3	2nd	
X	ECON 300	Quantitative Methods for Economics	Major	3	3rd	ECON 200, ECON 201, ECON 215
X	ECON 301	Intermediate Microeconomic Analysis	Major	3	3rd	ECON 200, ECON 201
X	ECON 302	Intermediate Macroeconomic Analysis	Major	3	2nd	ECON 200, ECON 201
X	ECON 479	Senior Economics Seminar	Major	3	4th	Senior, Two from: ECON 301
X	BIS 490	Economics Internship	Major	3 to 6	BIS 490 4th	Senior status by applicatio
<b>Business Econ Concentration</b>						
See major website for course options						
X	ECON 325	Money And Banking	Concentrat	3	ECON 325 2nd	Depends on selection
X	ECON 330	Labor Economics	Concentrat	3	ECON 330 3rd	Depends on selection
3	XXX XXX	Concentration Course	Concentrat	3	XXX XXX 2nd	Depends on selection
3	XXX XXX	Concentration Course	Concentrat	3	XXX XXX 3rd	Depends on selection
3	XXX XXX	Concentration Course	Concentrat	3	XXX XXX 4th	Depends on selection

Major Code: BUIS - Business Information Systems						
Course	Title	Requirement	Credit	Elec.	Rec. Year	Prerequisite
X	ECON 215	Stats for Eco and Bus or Stat Data	Major	3	ECON 215 2nd	LACM (Suggested BIS 205)
X	ECON 201	Principles of Microeconomics	Major	3	1st (Spring)	
X	CSC 202	Intro to Computing/Problem Solve	Major	3	CSC 202 1st	
X	ACC 201	Principles of Accounting I	Major	3	2nd	LACM
X	BUS 201	Principles of Management	Major/W2	3	1st	
X	BIS 205	Information Management	Major	3	1st (Spring)	LACM
X	BUS 225	Principles of Marketing	Major/W2	3	2nd	
X	FIN 245	Business Finance	Major	3	2nd	ACC 201, LACM
X	OSC 260	Operations Management	Major	3	2nd/3rd	MAT 216 or ECO 215
X	BIS 361	Business Information Systems	Major	3	2nd	BIS 205
X	BIS 370	Systems Analysis and Design	Major	3	2(Sp)/3(Fall)	BIS 205
X	BIS 373	Bus. Database Mgmt. & SQL	Major	4	2nd	BIS 205
X	CSC 249	Visual Basic.net or Net-centric	Major	3	CSC 249 3rd (Fall)	LACM
X	BIS 375	Electronic Commerce	Major	3	3rd (Fall)	BIS 205
X	BIS 430	Enterprise Resource Planning	Major	3	4th (Fall)	BIS 370
X	BIS 461	Seminar on Information Systems	Major	3	4th (Spring)	BIS 370, BIS 373
X	BIS 490	Internship in BIS	Major/W2	3	3rd(Sp)/4th	GPA of 2.5 or higher
<b>Adv. Electives Choose 3 (9 crs) from:</b>						
ACC 420, BIS 305, 362, 379, 437, 447, 449;						
X	BIS 305	Business Analytics	Major	3	BIS 305 3rd	
X	BIS 447	Bus Intelligence&Data Solution	Major	3	BIS 447 3rd	
X	BIS 449	Data Visualization	Major	3	BIS 449 4th (Spring)	

1st year Fall 2024			
Subj, Crs#	Title	Requirement/s	Crs.
ENG 100	College Writing		3
MAT 155	Precalculus Mathematics		4
ECO 200	Principles Of Macroeconom		3
LAC 100	LAC 100 Seminar		3
LAC 101	LAC 101 LAC Overview		1
Total			14

1st year Spring 2025			
Subj, Crs#	Title	Requirement/s	Crs.
ECO 201	Principles Of Microeconom		3
BUS 201	Principles of Management		3
BIS 205	Information Management		3
CSC 202	Intro to Prog/Machine Int		3
ECO 301	Inter Microeconomics Anal		3
Total			15

2nd year Fall 2025			
Subj, Crs#	Title	Requirement/s	Crs.
LAC 200	LAC 200 Seminar		3
ECO 302	Inter Macroeconomic Analy		3
ACC 201	Principles Of Accounting		3
ECO 215	Statistics Business/Econo		3
BIS 373	Business Database Managem		3
Total			15

2nd year Spring 2026			
Subj, Crs#	Title	Requirement/s	Crs.
BUS 225	Principles Of Marketing		3
FIN 245	Business Finance		3
OSC 260	Operations Management		3
CSC 249	Visual Basic.NET		3
BIS 370	Systems Analysis and Desi		3
Total			15

3rd year Fall 2026			
Subj, Crs#	Title	Requirement/s	Crs.
BIS 361	Business Information Syst		3
BIS 305	Business Analytics		3
BIS 430	Enterprise Res Plan/E-Bus		3
BIS 375	Electronic Commerce		3
ECO 300	Quantitative Methods Econ		3
Total			15

3rd year Spring 2027			
Subj, Crs#	Title	Requirement/s	Crs.
XXX XXX	Concentration Course		3
ECO 330	Labor Economics		3
ECO 325	Money And Banking		3
BIS 447	Bus Intelligence&Data Sol		3
BIS 449	Data Visualization		3
Total			15

4th year Fall 2027			
Subj, Crs#	Title	Requirement/s	Crs.
LAC 400	LAC 400 Seminar		3
ELA C02	ELAC 24 - Course 2		3
XXX XXX	Concentration Course		3
XXX XXX	Concentration Course		3
ELA C01	ELAC 24 - Course 1		3
ELA C08	ELAC 24 - Course 8		3
Total			18

4th year Spring 2028			
Subj, Crs#	Title	Requirement/s	Crs.
ECO 479	Senior Economic Seminar		3
BIS 461	Seminar:Info Sys/Bus Stra		3
ELA C03	ELAC 24 - Course 3		3
ELA C05	ELAC 24 - Course 5		3
ELA C04	ELAC 24 - Course 4		3
ELA C07	ELAC 24 - Course 7		3
Total			18

**Grand Credit Total (120 minimum) 128**

Congratulations, Graduate!			
Transfer Courses/Outside Credits (CLEP/DSST Tests)			
BIS 490	Internship in BIS	OR ECO 490	3

Number			Janet Smith - 12345679		Course	
In Plan	Major:	ECON - Business Economics	Grade	Term	Prerequisite Issues & Prereqs	
<b>Major Requirements</b>						
1	ECO 200	Principles of Macroeconomics [SSCT] *U*		2024 Fall	Prereq: None	
1	ECO 201	Principles of Microeconomics [SSCT]		2025 Spr.	Prereq: None	
1	ECO 215	Statistics for Business and Econ		2025 Fall	Prereq: LAC student with T1M course or ELAC student	
1	ECO 300	Quantitative Methods for Economics *U*		2026 Fall	Prereq: ECO 200, ECO 201, ECO 215	
1	ECO 301	Intermediate Microeconomic Analysis *U*		2025 Spr.	Prereq: ECO 200 and ECO 201	
1	ECO 302	Intermediate Macroeconomic Analysis [ WE] *U*		2025 Fall	Prereq: ECO 200 and ECO 201	
1	ECO 479	Senior Economics Seminar *U*		2028 Spr.	Prereq: Senior Standing; ECO Majors	
1	BIS 490	Economics Internship [ WE LAW]			Prereq: GPA of 2.5 or better. Open only to BIS	
<b>Business Econ Concentration</b>						
<b>See major website for course options</b>						
1	ECO 325	Money And Banking [ WE] *U*		2027 Spr.	Prereq: ECO 200 and ECO 201	
1	ECO 330	Labor Economics [ WE] *U*		2027 Spr.	Prereq: ECO 201	
3	XXX XXX	Concentration Course		2027 Spr.		
3	XXX XXX	Concentration Course		2027 Spr.		
3	XXX XXX	Concentration Course		2027 Spr.		

ECON - Major GPA:       

Unique Credits: 21 Unique Courses indicated by \*U\* after course Title above

Number			BUIS - Business Information Systems		Course Term	
In Plan	Major:	BUIS - Business Information Systems	Grade	Term	Prerequisite Issue & Prereqs	
1	ECO 215	Stats for Eco and Bus or Stat Data		2025 Fall	Prereq: LAC student with T1M course or ELAC student	
1	ECO 201	Principles of Microeconomics [SSCT]		2025 Spr.	Prereq: None	
1	CSC 202	Intro to Computing/Problem Solve *U*		2025 Spr.	Prereq: None	
1	ACC 201	Principles of Accounting I *U*		2025 Fall	Prereq: None	
1	BUS 201	Principles of Management *U*		2025 Spr.	Prereq: None	
1	BIS 205	Information Management *U*		2025 Spr.	Prereq: None	
1	BUIS 225	Principles of Marketing *U*		2026 Spr.	Prereq: None	
1	FIN 245	Business Finance *U*		2026 Spr.	Prereq: ACC 201	
1	OSC 260	Operations Management *U*		2026 Spr.	Prereq: MAT 216 or equivalent statistical course	
1	BIS 361	Business Information Systems *U*		2026 Fall	Prereq: BUS 205 or Permission of Instructor.	
1	BIS 370	Systems Analysis and Design *U*		2026 Spr.	Prereq: BIS 205	
1	BIS 373	Bus. Database Mgmt. & SQL *U*		2025 Fall	Prereq: BIS 205 or Permission of Instructor	
1	CSC 249	Visual Basic.net or Net-centric *U*		2026 Spr.	Prereq: BIS 205 or BIS 361	
1	BIS 375	Electronic Commerce *U*		2026 Fall	Prereq: BIS 205 or BIS 361	
1	BIS 430	Enterprise Resource Planning *U*		2026 Fall	Prereq: BIS 370	
1	BIS 461	Seminar on Information Systems [ WI] *U*		2028 Spr.	Prereq: BIS 370, and SR standing.	
1	BIS 490	Internship in BIS [ WE LAW]			Prereq: GPA of 2.5 or better. Open only to BIS	
<b>Adv. Electives Choose 3 (9 crs) from:</b>						
<b>ACC 420, BIS 305, 362, 379, 437, 447, 449; FIN 445 or OSC 449</b>						
1	BIS 305	Business Analytics *U*		2026 Fall	Prereq: BIS 205 & one Stats of: ECO 215, MAT 216, SOC 351, PSY 247	
1	BIS 447	Bus Intelligence&Data Solution		2027 Spr.	Prereq: BIS 373 or BIS 377 or BIS 378 or CSC 341, or CSC 342 or Permission of Instructor	
1	BIS 449	Data Visualization *U*		2027 Spr.	Prereq: BIS 305, BIS 447, CSC 305, or MAT 343	

BUIS - Major GPA:       

Unique Credits: 48 Unique Courses indicated by \*U\* after course Title above

**NOTE: There should be only 1 of a course in your plan. After course titles above [inside square brackets] are course designations for ELAC, Writing Program and Liberal Arts Works.**

<b>Major:</b> ECON	
<b>Major:</b> BUIS	<p>At least 24 semester hours of the BIS program must be completed at Eastern. A minimum cumulative GPA of 2.5 must be maintained to stay in BIS major. Many BIS courses are only offered once a year, check course catalog carefully.</p> <p>* CSC 180 may substitute for CSC 110; see department for more info on substitution request such as using CSC 202, CSC 203, 210 or 231.</p> <p>** Taking 2 in residence Level 3 Writing Intensive Courses (BIS 447 &amp; 461) meets BIS major writing requirements. If 2 BIS Writing Enhanced courses are taken, then only 1 Writing Intensive Course is needed.</p>

**Other Directions, Suggestions, and Notes:**

- Use Major 2 and Minor courses to satisfy ELAC Liberal Arts Areas & Learning Outcome requirements (Thus: 1 Course Double Counts, meeting 2+ requirements)
- Each major must have 15 unique credits not used in another major, minor or towards ELAC requirements
- Each minor must have 9 unique credits not used in another major, minor, or towards ELAC requirements
- Meet with your Professional and Faculty Advisor at least one week before your upcoming term registration date
- Many employers require GPAs above 3.0 by when you apply for internships (early Fall JR Yr), or early Fall SR Yr for career positions/grad school.
- For some internship positions employers want to see Good Grades on transcripts of important KEY Career Courses - ask your Faculty Advisor
- Remember: The longer your GPA is low, the higher grades and more terms it will take to get your GPA backup.
- See dept. website pages for your major(s), minor(s), concentration(s) for appropriate electives & suggested course sequences for doing multiple program combos.