Idaho State University

Catalog Year 2024-2025
AAS, Computer Aided Design Drafting
Architectural Start

(For internal use only)
☒ *No change*
☐ *UCC proposal*

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

Course Subject and Title	Cr.	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	C-	GE			
CADD 2207: Architectural Design Theory I (early 8 weeks)	2	C-		F		CADD 2208, 2209
CADD 2208: Architectural Design Lab I (early 8 weeks)	3	C-		F		CADD 2207
CADD 2209: Estimation Concepts (early 8 weeks)	2	C-		F		
CADD 1119: Drafting Applied Descriptive Geometry (late 8 weeks)	2	C-		F	CADD 1109 or CADD 2209	
CADD 2217: Architectural Design Theory II (late 8 weeks)	2	C-		F		CADD 2207, 2218
CADD 2218: Architectural Design Lab II (late 8 weeks)	3	C-		F		CADD 2208, 2217
Total	17					
Semester Two						
GE Objective 3: Mathematics requirement	3	C-	GE			
CADD 1129: Drafting Applied Analytic Geometry (early 8 weeks)	2	C-		S	CADD 1119	
CADD 2227: Structural Steel Drafting Theory (early 8 weeks)	2	C-		S	CADD 2217	CADD 2228
CADD 2228: Structural Steel Drafting Lab (early 8 weeks)	3	C-		S	CADD 2218	CADD 2227
CADD 1139: Drafting Applied Trigonometry (late 8 weeks)	2	C-		S	CADD 1129	
CADD 2247: Design Integration Theory (late 8 weeks)	2	C-		S	CADD 2227	CADD 2248
CADD 2248: Design Integration Laboratory (late 8 weeks)	3	C-		S	CADD 2228	CADD 2247
Total	17					
Semester Three						
GE Objective 5: (GEOL, CHEM or PHYS with Lab)	4	C-	GE	F, S		
CADD 1109: Drafting Applied Algebra (early 8 weeks)	2	C-		F	Minimum score of 14 on ALEKS or equivalent	
CADD 1101: Drafting Technology Theory I (early 8 weeks)	2	C-		F		CADD 1108, 1109
CADD 1108: Introduction to CAD	4	C-		F		CADD 1101
CADD 1111: Drafting Technology Theory II (late 8 weeks)	2	C-		F		CADD 1101, 1108
Total	14					
Semester Four						
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	C-	GE			
GE Objective 6: options in Social and Behavioral Ways of Knowing	3	C-	GE			
TGE 1158: Employment Strategies	2	C-		F, S		
CADD: 1121: Mechanical Drafting Technology Theory I (early 8 weeks)	2	C-		S	CADD 1111, 1129	CADD 1122
CADD: 1122: Mechanical Drafting Technology Lab I (early 8 weeks)	3	C-		S	CADD 1108	CADD 1121
CADD 1137: Mechanical Drafting Technology Theory II (late 8 weeks)	2	C-		S	CADD 1121, 1139	CADD 1138
CADD 1138: Mechanical Drafting Technology Lab II (late 8 weeks)	3	C-		S	CADD 1122	CADD 1137
Total	18					

*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major
**See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)

2024-2025 Major Requirements	CR
MAJOR REQUIREMENTS	**50**
CADD 1101: Drafting Technology Theory I	2
CADD 1108: Introduction to CAD	4
CADD 1109: Drafting Applied Algebra	2
CADD 1111: Drafting Technology Theory II	2
CADD 1119: Drafting Applied Descriptive Geometry	2
CADD 1121: Mechanical Drafting Technology Theory I	2
CADD 1122: Mechanical Drafting Technology Lab I	3
CADD 1129: Drafting Applied Analytic Geometry	2
CADD 1137: Mechanical Drafting Technology Theory II	2
CADD 1138: Mechanical Drafting Technology Laboratory II	3
CADD 1139: Drafting Applied Trigonometry	2
CADD 2207: Architectural Design Theory I	2
CADD 2208: Architectural Design Laboratory I	3
CADD 2209: Estimation Concepts	2
CADD 2217: Architectural Design Theory II	2
CADD 2218: Architectural Design Laboratory II	3
CADD 2227: Structural Steel Drafting Theory	2
CADD 2228: Structural Steel Drafting Laboratory	3
CADD 2247: Design Integration Theory	2
CADD 2248: Design Integration Laboratory	3
TGE 1158: Employment Strategies	2
Physical Science Course (GEOL, CHEM, or PHYS) (Counted in GE OBJ 5)	
ENGL 1101: Writing & Rhetoric I (Counted in GE OBJ 1)	
COMM 1101: Principles of Speech (Counted in GE OBJ 2)	

GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,,5,6		16 cr. min
1. Written English (3 cr. min)	ENGL 1101	3
2. Spoken English (3 cr. min)	COMM 1101	3
3. Mathematics (3 cr. min)		3
4. Humanities, Fine Arts, Foreign Lang.		
5. Natural Sciences **(1 lecture, 1 lab; 4 cr. min)**		
GEOL, CHEM, or PHYS with Lab		4
6. Behavioral and Social Science **(1 course; 3 cr. min)**		
Any		3
One Course from EITHER Objective 7 OR 8		
7. Critical Thinking		
8. Information Literacy		
9. Cultural Diversity		
General Education Elective to reach 36 cr. min. **(if necessary)**		
Total GE		**16**

Undergraduate Catalog and GE Objectives by Catalog Year
http://coursecat.isu.edu/undergraduate/programs/

MAP Credit Summary	**CR**
Major	50
General Education	16
Upper Division Free Electives to reach 36 credits	0
Free Electives to reach 120 credits	0
TOTAL	66

Graduation Requirement Minimum Credit Checklist	**Confirmed**
Minimum 36 cr. General Education Objectives (15 cr. AAS)	X
Minimum 15 cr. Upper Division in Major (0 cr. Associate)	
Minimum 36 cr. Upper Division Overall (0 cr. Associate)	
Minimum of 120 cr. Total (60 cr. Associate)	X

Advising Notes

MAP Completion Status (for internal use only)

	Date
CAA or COT:	JS 07/15/2024

Complete College American Momentum Year

Math and English course in first year-Specific GE MATH course identified
9 credits in the Major area in first year
15 credits each semester (or 30 in academic year)
Milestone courses

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