



**Year 2****Fall – Semester 3 (credit hours: 17)**

SUBJ	NUM	TITLE	SCH	ACTS
MATH	2441	Mathematical Computation	4	
		General Elective	3	
MATH	2471	Calculus III	4	MATH2603
MATH	3354 2330	Concepts of Discrete Math or Discrete Structures I	3	
		LD UCA Core	3	

**Spring – Semester 4 (credit hours: 16)**

SUBJ	NUM	TITLE	SCH	ACTS
MATH	3320	Linear Algebra (UD UCA Core: I)	3	
		LD UCA Core <sup>1</sup>	3	<a href="#">core link</a>
STEM	1301	Knowing and Learning (UCA STEMteach) <sup>2</sup>	3	
		General Elective	3	
		LD UCA Core (Natural Sciences) <sup>1</sup>	4	<a href="#">core link</a>

**Year 3****Fall – Semester 5 (credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
		LD UCA Core <sup>1</sup>	3	<a href="#">core link</a>
		LD UCA Core <sup>1</sup>	3	<a href="#">core link</a>
MATH	4313	Function and Modeling	3	
MATH	3360	Introduction to Rings and Fields	3	
MATH	3370	Mathematics in Secondary Schools	3	

**Spring – Semester 6 (credit hours: 15)**

SUBJ	NUM	TITLE	SCH	ACTS
MATH	4372 3311	Introduction to Statistical Inference Statistical Methods II	3	
MATH	4345	College Geometry	3	
MATH	4301	Secondary Mathematics Methods (UD UCA Core: C)	3	
STEM	2301	Classrooms Interactions (UCA STEMteach) <sup>2</sup>	3	
		General Elective	3	

**Year 4****Fall – Semester 7 (Credit hours: 16)**

SUBJ	NUM	TITLE	SCH	ACTS
STEM	3310	Research Method and Math and Science (UCA STEMteach) <sup>2</sup>	3	
		General Elective	4	
MATH	4305	Introduction to the History of Mathematics (UD UCA Core: D)	3	
MATH	4371	Introduction to Probability	3	

SUBJ	NUM	TITLE	SCH	ACTS
STEM	3300	Project-Based Instruction (UCA STEMteach)	3	

**Spring – Semester 8 (Credit hours: 12)**

SUBJ	NUM	TITLE	SCH	ACTS
STEM	4600	Apprentice Teaching (UCA STEMteach) (UD UCA Core: Z)	6	
STEM	4605	Apprentice Teaching Seminar (UCA STEMteach)	6	

\_\_\_\_\_  
SIGNED – DEPARTMENT CHAIR

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNED – COLLEGE DEAN

\_\_\_\_\_  
DATE

**To be completed by the advisor when an Eight-Semester plan is accepted by the student:**

**If applicable, has student selected a minor? Type “x” as appropriate.** \_\_\_\_\_ No  Yes

**If “yes,” specify:** UCA STEMteach

### Notes

<sup>1</sup> See appropriate choices, alternatives, or substitutions under “UCA Core” in the *Undergraduate Bulletin*. Prior to completion of 30 semester hours, a student must complete a UCA Core course designated as a First-Year Seminar (FYS) in Critical Inquiry, Diversity, or Responsible Living.

The student will also need to complete major, minor, or general elective courses designated as fulfilling the upper-division and capstone requirements of the UCA Core. See annotations in this Academic Map for courses in the major that will fulfill these requirements; for others, consult the *Undergraduate Bulletin* and your academic advisor.

<sup>2</sup> This Academic Map includes the 26 credit hours of the UCA STEMteach minor.