SAMPLE DEGREE PLAN

Bachelor of Science, Mathematics, Mathematics Education

This degree program requires a total of 120 credit hours (CH), including 38 credit hours of the lower-division (LD) UCA Core and 40 credit hours of upper-division (3000- and 4000-level) courses. This sample degree plan demonstrates how a first-time entering freshman with no college credit can earn the degree in four years. The upper-division UCA Core must be met using major, minor, or general elective courses. For general and specific degree requirements, please see the *Undergraduate Bulletin* at https://uca.edu/ubulletin. Consult your academic advisor for appropriate substitutions and additional information.

Year 1

Fall — Semester 1		Spring — Semester 2	
Courses	**CH**	**Courses**	**CH**
MATH 1496 Calculus I[1]	4	MATH 1497 Calculus II	4
WRTG 1310 Introduction to College Writing or Other approved Writing Foundation alternative	3	WRTG 1320 Academic Writing & Research or ENGL 1320 Interdisciplinary Writing & Research or Other approved Research and Writing alternative	3
LD UCA Core First Year Seminar or Other LD UCA Core Course	3	LD UCA Core First Year Seminar or Other LD UCA Core Course	3
LD UCA Core Course	3	LD UCA Core Course	3
LD UCA Core Course	3	EDUC 1300 Education as a Profession	3
Total	**16**	**Total**	**16**

Year 2

Fall — Semester 3		Spring — Semester 4	
Courses	**CH**	**Courses**	**CH**
MATH 2341 Introduction to Mathematical Computation	3	MATH 3320 Linear Algebra	3
MATH 2471 Calculus III	4	MATH 2335 Transition to Advanced Mathematics	3
MSIT 3310 Learning and Development	3	MSIT 4321 Classroom Assessment[2] or MATH 4313 Functions and Modeling[3]	3
LD UCA Core Lab Science	4	LD UCA Core Lab Science	4
EDUC 4210 Integration of Technology in Teaching	2	LD UCA Core Course	3
Total	**16**	**Total**	**16**

[1] MATH 1496 requires an ACT of 27 or higher, or a C or better in MATH 1486, or a C or better in both MATH 1390 and MATH 1392, or the equivalent of these prerequisites.
[2] Students may substitute MSIT 4321 with MATH 4200 Introduction to Educational Testing and Assessment in Math and a one credit general elective.
[3] MATH 4313 is offered in the spring of odd years.

Year 3

Fall — Semester 5		Spring — Semester 6	
Courses	**CH**	**Courses**	**CH**
MATH 3370 Mathematics in Secondary Schools[4] or MATH 4301 Secondary Mathematics Methods[5]	3	MSIT 4321 Classroom Assessment[2] or MATH 4313 Functions and Modeling[3]	3
MATH Elective	3	MATH 3311 Statistical Methods	3
EDUC 3322 Diverse Learners in Inclusive Settings	3	MSIT 4305 Classroom Management	3
MATH 3360 Introduction to Rings and Fields	3	MATH 4345 College Geometry	3
LD UCA Core Course	3	General Elective	3
Total	**15**	**Total**	**15**

Year 4

Fall — Semester 7		Spring — Semester 8	
Courses	**CH**	**Courses**	**CH**
MATH 4660 Teaching Internship I	6	MATH 4990 Teaching Internship II	9
MATH 4350 Introduction to the History of Mathematics	3	MATH Elective	3
MATH 3370 Mathematics in Secondary Schools[4] or MATH 4301 Secondary Mathematics Methods[5]	3		
General Elective(s)	2		
Total	**14**	**Total**	**12**

[4] MATH 3370 is offered in the fall of odd years.
[5] MATH 4301 is offered in the fall of even years.