

Bachelor of Science in Mathematics (Mathematics Education Concentration) (BIC)

A Suggested Sequence of Required Courses (2015-2016 Catalog)

F r e s h m a n Y e a r			
Fall		Spring	
_____ 0	Chapel (CHA 1088)	_____ 0	Chapel (CHA 1088)
_____ 2	BIC 1212 Examined Life I	_____ 4	Lab Science
_____ 3	BIC 1314 World Cultures I	_____ 3	BIC 1324 World Cultures II
_____ 4	BIC 1413 Rhetoric I	_____ 3	BIC 1323 Rhetoric II
_____ 3-4	Foreign Language 1401/1412 (see reverse)	_____ 3-4	Foreign Language 1402/2310 (see reverse)
_____ 3	MTH 1321 (if eligible) Calculus I	_____ 3	MTH 1322 Calculus II
Total: 15-16		Total: 16-17	
S o p h o m o r e Y e a r			
Fall		Spring	
_____ 3	BIC 2330 Social World I	_____ 3	BIC 2340 Social World II
_____ 3	BIC 2334 World Cultures III	_____ 3	BIC 2344 World Cultures IV
_____ 3	Foreign Language 2310 (see below/reverse)	_____ 3	Foreign Language 2320 (see below/reverse)
_____ 3	MTH 2321 Calculus III	_____ 4	Lab Science
_____ 3	TED 2340 Teaching in Secondary Schools	_____ 3	MTH 2311 Linear Algebra
_____ 1	TED 2112 Instr. Tech Lab II	_____ 1	Lifetime Fitness
_____ 1	Lifetime Fitness		
Total: 17		Total: 17	
S u m m e r			
_____ 4	Lab Science		
Total: 4			
J u n i o r Y e a r			
Fall		Spring	
_____ 3	MTH Advanced Elective	_____ 3	MTH Elective
_____ 3	MTH 3300 Foundations of Math	_____ 3	MTH Advanced Elective
_____ 3	TED 3340 Teaching Associate Secondary I	_____ 3	MTH Advanced Elective
_____ 3	TED 3383 Secondary Math Practicum I	_____ 3	TED 3341 Teaching Associate Secondary II
_____ 4	CSI 1430 Intr. To Comp Sci. w/ Lab (or MTH 3340)	_____ 3	TED 3384 Secondary Math Practicum II
Total: 16		Total: 15	
S e n i o r Y e a r			
Fall		Spring	
_____ 3	BIC 3358 Biblical Heritage/Ethics	_____ 6	TED 4642 Internship Secondary Part III
_____ 3	MTH 3312 or 4314	_____ 6	TED 4643 Internship Secondary Part IV
_____ 3	MTH 4000 level Elective		
_____ 3	MTH Elective		
_____ 3	MTH Elective		
_____ 3	TED 4348 Secondary Math Curriculum		
Total: 18		Total: 12	

*All students must graduate with a minimum of 124 hours,
36 of which must be at the 3000/4000 level.*

- MTH Electives: choose one from the following options based on semester availability: 1) One of MTH 3323 or 4326; 2) One of MTH 3312 or 4314; 3) One of MTH 3325; 4312 or 4322.
- MTH Advanced Electives: an additional semester hours of mathematics courses at the "3000" level or above are required.
- Lab science (8 hours): One course and lab from: BIO 1305-1105, BIO 1306-1106, CHE 1301-1101, CHE 1302-1102, ENV 1301/1101, NSC 1306/1106, PHY 1420, 1430 or GEO 1406. Only one from: GEO 1401, GEO 1402, GEO 1403, GEO 1405, GEO 1408.
- A grade of "B" or better must be earned in TED courses used for the concentration.. Students must maintain an overall GPA of 2.75 or higher for certification.
- A grade of "C" or better must be earned in all 33 hours of math.
- For more information, see the undergraduate catalog.