

Student's Name		Audit Completed by	
PowerCampus ID		Date	

BACHELOR OF SCIENCE IN MATHEMATICS (120 Hours) Effective Fall 2017 - Page 1 of 2

	Term	Year	School	Grade	Credits		Term	Year	School	Grade	Credits
1. GENERAL EDUCATION REQUIREMENTS (41 hrs) ¹						4. ELECTIVES (30-45 hrs)					
English Composition (6)						English 2000 or above (3)					
ENGL 1001					3						3
ENGL 1002					3	Humanities/Social Sciences (6)					
Social Sciences (6)											3
					3						3
<i>Secondary Education Concentrators must take PSYC 2060 and PSYC 2078. Actuarial Science Concentrators can take ECON 2010/2020 here or in the Technical Electives Lines.</i>						<i>BIOL 1201 or higher; CHEM 1201 or higher; PHYS 2108 or higher; ECON 2010 or higher; or CSCI 2350 or higher. Computer Science Concentrators take CSCI 2350/2351 here. Actuarial Science Concentrators can take ECON 2010/2020 here or in the Gen. Ed. Social Sciences lines. If 6 hours are taken here, 1 can apply to electives.</i>					
Mathematics (10)						Electives (16-31) ³					
MATH 1550					4						
MATH 1552					4						
<i>Prerequisites for these courses may be used as free electives.</i>											
Natural Sciences (9)											
PHYS 2101					3						
PHYS 2102					3						
					3						
<i>(BIOL 1201 or higher; CHEM 1201 or higher, or PHSC 2063)</i>											
Humanities (9)											
CMST					3						
Foreign Language (6) ²											
					3						
					3						
Computer Literacy											
CMIS 1000 or											
CCE											
Fine Arts (3)											
					3						
<i>(fine arts, music, theatre)</i>						¹ See list of approved courses in the General Education section of the LSUA Catalog.					
2. MAJOR FOUNDATIONAL REQUIREMENTS (13 hrs)						² Students must take at least 6 hours in one language. If the 1001/1002 sequence is for 8 hours, 2 can be applied to electives.					
MATH 3040					3	³ Maximum of four hours of KINS activity (not including KINS professional courses). Secondary Ed Concentrators only need 16 hours of electives here. The other concentrators need 31.					
MATH 2057					4	Requirements for this degree (✓ completed)					
MATH 3065					3	Students are required to make a grade of "C" or higher in all courses in the Major Requirements sections of the mathematics curriculum.					
MATH 3085					3	Students are required to make a grade of "C" or higher in all courses in the Major Requirements sections of the mathematics curriculum.					
3. MAJOR CONCENTRATION REQUIREMENTS (21-36 hrs)						30 hours at the 3000 level or above, at least 9 of which are at the 4000 level. The Actuarial Science and CS Concentrators should select concentration and/or elective					
One of the following concentrations must be chosen:						Requirements for baccalaureate degrees (✓ completed)					
A. Mathematics						24 of the last 30 hours are resident hours					
B. Actuarial Science						Requirements for all degrees (✓ completed)					
C. Computer Science						"C" or higher in ENGL 1001 and ENGL 1002					
D. Secondary Education						Overall GPA of at least 2.0					
<i>The requirements for each of the concentrations is listed on page 2 of the audit sheet.</i>						At least 25% of hrs for degree completed at LSUA					

BACHELOR OF SCIENCE IN MATHEMATICS (120 Hours) Effective Fall 2017 - Page 2 of 2

Term	Year	School	Grade	Credits
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3. MAJOR CONCENTRATION REQUIREMENTS (21-36 hrs)

A. MATHEMATICS (21)

MATH 4031				3
MATH 4200				3

Math Electives (15)

				3
				3
				3
				3
				3

Select five courses from the following list: MATH 3259, MATH 3355, MATH 4005, MATH 4032, MATH 4036, MATH 4039, MATH 4050, MATH 4056, MATH 4065, MATH 4181, MATH 4340, MATH 4700, MATH 4901, MATH 4998.

B. ACTUARIAL SCIENCE (21 + ECON 2010/2020)

MATH 3355				3
MATH 4050				3
MATH 4056				3
ACCT 2001				3
ACCT 2101				3
FINC 3715				3

Math Elective (3)

				3
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Select a course from the following list: MATH 3259, MATH 4005, MATH 4031, MATH 4032, MATH 4036, MATH 4039, MATH 4065, MATH 4181, MATH 4200, MATH 4340, MATH 4700, MATH 4901, MATH 4998.

For the Actuarial Science Concentration, ECON 2010 and ECON 2020 are also required. They are taken as General Education Social Sciences or Technical Electives on p. 1.

C. COMPUTER SCIENCE (21 + CSCI 2350/2351)

CMIS/Math Selection (9)

				3
				3
				3

Select three courses from the following list: CMIS 2100, CMIS 3400, CMIS 3600, CMIS 4200, CMIS 4300, MATH 3259, MATH 4056, MATH 4065.

Math Electives (12)

				3
				3
				3
				3

Select four additional courses from: MATH 3259, MATH 3355, MATH 4005, MATH 4031, MATH 4032, MATH 4036, MATH 4039, MATH 4050, MATH 4056, MATH 4065, MATH 4181, MATH 4200, MATH 4340, MATH 4700, MATH 4901, MATH

The Computer Science Concentrator will note that CSCI 2350 and CSCI 2351 are required for the degree also. They are to be taken in the Technical Electives on p. 1.

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D. SECONDARY MATH EDUCATION (36 + PSYC 2060/2078)

MATH 4005				3
MATH 4200				3
MATH 4700				3
EDCI 2700				3
EDCI 3040				3
EDCI 3116				3
EDCI 3800				3
EDCI 4043				3
EDCI 4200				3
EDCI 4945				9

For the Secondary Mathematics Education Concentration, PSYC 2060 and PSYC 2078 are also required. They are to be taken in the General Education Social Sciences lines on p. 1.