

Bachelor of Science in Secondary Education: Mathematics (136-138 Credits)

(2016-2017 Handbook)

JSCED-BS / JBMATH-SP (RG 652)

(RQL 1326-10)

University Orientation	Cr	Satisfied/Term
FdsEd 0002 Intro to Education	1	
Requirement Satisfied	1	

(RQL 1327-10, 20)

English Composition	Cr	Satisfied/Term
Engcmp 0003 or 0005	3	
Engcmp 0004 or 0006	3	
Requirement Satisfied	6	

(RQL 1360-10) (RQL 1361-10 thru -40)

Natural Sciences	Cr	Satisfied/Term
Psy 0200 Intro to Psychology	3	
Psy 0260 Adolescent Development	3	
Science Elective: Select One	4 to 5	
Biology 0010/0111: General Biology 1 & Lab		
Chem 0111/0113: General Chemistry 1 & lab		
Geol 0015: Physical Geology (Includes Lab)		
Physics 0150/0151: Physics 1 & Lab		
Requirement Satisfied	10-11	

(RQL 1329-10, 20, 30, 40)

Humanities	Cr	Satisfied/Term
Speaking Requirement:	3	
CommRc 0052 Public Speaking OR Math 1019 Technical Speaking in Math		
Literature Elective: Select One	3	
Any Englit course without prerequisite		
Appreciation Elective: Select One	3	
Any 3 or Fine Arts Course		
Any 3 or Music course (except 0413)		
Commrc 0320		
Any Philosophy course (except 0501, 1501)		
Theatre 0811, 0812		
Humanities Elective: Select One	3	
Any course listed above		
Commrc 0030, 0083, 0650		
Any English Literature		
Foreign Language (any)		
Any foreign language literature course		
Requirement Satisfied	12	

(RQL 2893-10, 20, 30, 40)

Social Sciences	Cr	Satisfied/Term
Geog 0810 Earth & People	3	
Hist 0610 US to 1877		
or Hist 0620 US 1877 to Present	3	
Social Science Elective: Select One	3	
Anthropology: 0800		
Economics: 0105, 0115		
Environmental Studies: 0100		
Geography: 0100, 0210, 0310, 0320, 0610		
History: 0120, 0130, 0424, 0425,		
0610, 0620, 1342, 1346		
Political Science: 0206, 0302, 0310, 0501		
Sociology: 0070, 0100		
Social Science Elective:	Cr	Satisfied/Term
FdsEd 1171 Educational Law	3	
Requirement Satisfied	12	

Check division Handbook for detailed program requirements.

(RQL 1331-10)

Educational Studies Courses	Cr	Satisfied/Term
EdPsy 0006 Intro Educational Psy	3	
EdPsy 1021 Special Needs Students	3	
EdPsy 1025 Inclusion Strategies	3	
EdPsy 1026 English Language Learners	3	
EdPsy 1121 Educ Assessment Inclusion Classroom	3	
FdsEd 0001 Hist/Phil of Education	3	
Requirement Satisfied	18	

(RQL 1356-10)

Required Mathematics	Cr	Satisfied/Term
Math 0004 PreCalculus & Trig	4	
Math 0080 Fund of Modern Math	3	
Math 0221 Calculus I	4	
Math 0231 Calculus 2	4	
Math 0241 Calculus 3	4	
Math 0401 Discrete Math Structure	3	
Math 1012 Intro to Theoretical Math	3	
Math 1117 History of Math	3	
Math 1125 Abstract Algebra	3	
Math 1153 Intro to Prob Stats I	3	
Math 1155 Intro to Statistical Inference	1	
Math 1181 Linear Algebra	3	
Math 1291 Topics in Geometry	3	
Requirement Satisfied	41	

(RQL 1356-20)

Required Computer Science	Cr	Satisfied/Term
CS 0100 Perspectives in CS	3	
Requirement Satisfied	3	

(RQL 1356-30)

Math/CS Electives	Cr	Satisfied/Term
Select one upper level course		
Math 1000+ level/CS any beyond 0411		
	3-4	
Requirement Satisfied	3-4	

Upper Level

(RQL 1358-10)

Required Methods	Cr	Satisfied/Term
SecEd 1120 Mathematics Methods 1	3	
SecEd 1121 Mathematics Methods 2	3	
Sced 1122 Math Pre-Std Teach Pract	1	
Sced 1170 Literacy in Content Areas	3	
Requirement Satisfied	10	

(RQL 1358-20)

Instructional Technology	Cr	Satisfied/Term
IT 1101 Instructional Technology 21st Century	2	
IT 1171 I.T. in Math Education	2	
Requirement Satisfied	4	

(RQL 1358-30)

Student Teaching	Cr	Satisfied/Term
SecEd 1191 Student Teaching	14	
SecEd 1195 SecEd Stud Teach Seminar	2	
Requirement Satisfied	16	

(RG 652: RQL 1359-10, 20, 30, 40)

General Graduation Requirements	
Minimum Cumulative QPA	3.00
Minimum Core QPA	2.60

IMPORTANT INFORMATION:

This sheet is an unofficial representation of the major requirements. This information is subject to change. It is not an official record of academic progress, and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.

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