Program is under revision to meet the emerging Indiana Rules for Educator Preparation and Accountability (REPA) requirements. Please see an education advisor for more details.

This program sheet is effective for all students starting at IUB beginning summer 2015.

Ψ

B.S. EDUCATION: MATHEMATICS

INDIANA UNIVERSITY

SCHOOL OF EDUCATION Office of Teacher Education Bloomington This Bachelor of Science in Education degree enables you to teach Middle School/Junior High or High School students. Course requirements for this program are valid at IUB as reflected in the School of Education Bulletin. A 4 year college plan requires completion of 15 credits each semester. A 2.5 GPA overall is required for retention and graduation. A total of 120 credits are required for graduation.

May 2015

PREREQUISITES FOR AUTHORIZED COURSES	Mathematical Modeling (MM) (Select one) 3-4 credits
(Competitive enrollment. Meeting minimum requirements does not	
guarantee enrollment in authorized courses.)	MATH-M/S/V 118 Finite Mathematics 3
1. Students may satisfy the Academic Skills Assessment requirement by	MATH-D 116 Intro to Finite Mathematics / AND 2
using any of the following options:	MATH-D 117 Intro to Finite Mathematics II (P: D116) 2
 Qualifying scores on CASA 	MATH-J 113 Intro to Calculus with Applications 3
 Reading 220, Math 220, Writing 220 	MATH-M 119 Brief Survey of Calculus I 3
 SAT combined score of at least 1100 	MATH-M 211 Calculus I 4
○ Sum of MA + VE = 1100	MATH-M 213 Accelerated Calculus 4
 ACT composite score of at least 24 	
 Sum of EN + MA + RE + SR scores divided by 4 = 24 	Arts & Humanities (A&H) 6 credits
2. 2.5 GPA overall.	Complete at least 2 courses for a total of at least 6 credits.
3. 21 credits and a 2.0 GPA in the content field with at least 15 credits	
completed and 6 credits in progress. Grade of C or higher is required	
in each content field course.	•
4. Completion of or enrollment in prerequisites: Grade of C or higher is	Social & Historical Studios (S&H) 6 aradita
required in each EDUC course.	
<u>Course</u>	Complete at least 2 courses for a total of at least 6 credits.
• EDUC-M 300 Teaching in a Pluralistic Society (D) 3	
EDUC-P 312 Learning Theory into Practice AND 3	• •
• EDUC-P 313 Adolescents in a Learning Community 3	
(10 enroll in P312 and P313 you must	Natural & Mathematical Sciences (N&M)
register for EDUC-BE 312)	(Complete ONE of the following options.)
EDUC-W 200 Using Computers in Education (IF) S	
6 Submit TEP Application Online:	Option I: Complete at least 2 courses for a total of at least 5 credits. At
bttps://info.educ.indiana.edu/teachered/	least 1 of these courses must be a Natural Science (*) course.
https://mio.oddc.indiana.odd/cacherou/	
LIUB & SCHOOL OF EDUCATION	••
	Ontion II. Complete a 5 gradit asigned aguras
	Option II: Complete a 5 credit science course.
<u>Inttp://genea.tub.eau/courses/geneacourses.ntml</u>	
(Careful selection & completion of courses with a C or higher grade may	•
allow double counting within General Education, Professional Education	(The class taken to fulfill the Mathematical Modeling requirement cannot
a/or content rield.)	be counted towards the 5+ credits needed to fulfill the N&M requirement)
Oral Expression (Salast ana)	
(Grade of C or higher required) 3 credits	World Languages (WL)/World Cultures (WC)
ANTH A 122 Interpresent Communication (S&H)	(Complete ONE of the following options.) 6 credits
COLL-P 155 Public Oral Communication 3	(complete <u>one</u> of the following optional)
EDLIC-G 203 Comm for Youth Serving Professionals (S&H) 3	Option I: Language Study (WL): Complete the study of an approved
	single language through the second semester of the second-year level of
English Composition (EC) (Select one)	college-level coursework.
(Grade of C or higher required) 0-3 credits	v
CMI T-C 110 Writing the World 3	• •
ENG-W 131 Reading. Writing & Inquiry I OR 3	
ENG-W 131EX Elementary Composition-Exempt 0	Option II: World Culture (WC): Complete at least 2 courses for a total of
ENG-W 170 Intro to Argumentative Writing-Projects in Reading 3	at least 6 credits.
& Writing	
	• •
Intensive Writing Course (IW) (Select one) 3 credits	On the Millington of Francisco (FD) On the state of the state
EDUC-H 205 Intro to Educational Thought (P: English comp) 3	Option III: International Experience (IE): Complete an approved study
<u>(S&H)</u>	abroad program or internship of at least 6 credits & at least 6 weeks
EDUC-H 340 Education & American Culture 3	abroad in duration.
(P: English comp & Soph. standing)	
	• •

	uency (IF)	3 credits
EDUC-W 200	Using Computers in Education	3
Diversity in the	e U. S. (D)	3 credits
EDUC-M 300	Teach in a Pluralistic Society (P: Soph. stan	ding) 3
Enriching Edu	cational Experiences (EEE)	12 credits
EDUC-M 480	Student Teaching: Secondary	12
l	. PROFESSIONAL EDUCATION	
(C or highe	48 Credits/2.5 GPA er grade is required in each course listed	below.)
TEP Prerequis	ite Education Courses	12 credits
EDUC-M 300	Teaching in a Pluralistic Society	3
EDUC-P 312	(P: Soph. standing) (D) Learning Theory into Practice (P: Soph. sta	anding) 3
EDUC-P 313	Adolescents in a Learning Community (P: Soph. standing) (To enroll in P312 a	3 and
EDUC-W 200	P313 you must register for EDUC-BE Using Computers in Education (IF)	312) 3
Required Non-	-Authorized Course	6 credits
EDUC-A 308	Legal & Ethical Issues for Teachers	3
EDUC-H 205	(P: Soph. standing) Intro to Educational Thought (P: English co	omp) 3
EDUC-H 340	Education & American Culture	
	(P: English comp & Soph. standing) [<u>IVV)</u>
Teacher Educa Completion of TE	ation Program (TEP) P prerequisites is required.	30 credits
Teacher Education Completion of TE These courses m	ation Program (TEP) P prerequisites is required. hust be taken before student teaching.	30 credits
Teacher Educa Completion of TE These courses m EDUC-K 306	ation Program (TEP) P prerequisites is required. nust be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms	30 credits 3
Teacher Educa Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for	ation Program (TEP) P prerequisites is required. nust be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms the taken in prescribed blocks. Successfu r higher) of all courses in each block is a the next block and student teaching.	30 credits 3
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachin	ation Program (TEP) P prerequisites is required. nust be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms e taken in prescribed blocks. Successfu r higher) of all courses in each block is a the next block and student teaching. ck II must be completed in sequence, with m one semester to the next. Students ma ster(s) between the completion of Block ng (Block III).	30 credits 3 I hout hy add an II and
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachir Block I (Spring of EDUC-M 321	ation Program (TEP) P prerequisites is required. Just be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms the taken in prescribed blocks. Successfur r higher) of all courses in each block is a the next block and student teaching. Ck II must be completed in sequence, with m one semester to the next. Students ma ster(s) between the completion of Block ing (Block III). <u>only)</u> Secondary School Mathematics Curriculu	30 credits 3 3 I hout by add an II and <u>8 credits</u> 3
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachin Block I (Spring of EDUC-M 303 EDUC-M 460	ation Program (TEP) P prerequisites is required. Just be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms the taken in prescribed blocks. Successfur r higher) of all courses in each block is a the next block and student teaching. the next block and student teaching. Students may block and student teaching. Secondary School Mathematics Curriculus Assessment Field Experience I Content Area Literacy	30 credits 3 1 hout and 1 8 credits m & 3 2 2
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachir Block I (Spring of EDUC-M 321 EDUC-M 303 EDUC-M 469	ation Program (TEP) P prerequisites is required. Just be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms the taken in prescribed blocks. Successful r higher) of all courses in each block is a the next block and student teaching. Ck II must be completed in sequence, with m one semester to the next. Students ma ster(s) between the completion of Block ng (Block III). Delive Secondary School Mathematics Curriculue Assessment Field Experience I Content Area Literacy	30 credits 3 3 3 1 5 5 5 5 5 5 5 5 5 5 5 5 5
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachir Block I (Spring of EDUC-M 303 EDUC-M 303 EDUC-M 469 Block II (Fall on EDUC-M 422	ation Program (TEP) P prerequisites is required. Just be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms the taken in prescribed blocks. Successfur r higher) of all courses in each block is a the next block and student teaching. Ck II must be completed in sequence, with m one semester to the next. Students ma ster(s) between the completion of Block ng (Block III). Donly) Secondary School Mathematics Curriculus Assessment Field Experience I Content Area Literacy IV) Teaching Mathematics in the Secondary S	30 credits 3 3 3 3 3 4 mout and 3 5 6 credits 3 5 5 5 5 5 5 5 5 5 5 5 5 5
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachin Block I (Spring of EDUC-M 321 EDUC-M 303 EDUC-M 469 Block II (Fall on EDUC-M 403 EDUC-M 403 EDUC-S 303	ation Program (TEP) P prerequisites is required. Inst be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms e taken in prescribed blocks. Successful r higher) of all courses in each block is a the next block and student teaching. ck II must be completed in sequence, with m one semester to the next. Students ma ster(s) between the completion of Block ng (Block III). only) Secondary School Mathematics Curriculue Assessment Field Experience I Content Area Literacy IV) Teaching Mathematics in the Secondary S Field Experience II Classroom Management	30 credits 3 3 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachin Block I (Spring of EDUC-M 321 EDUC-M 303 EDUC-M 303 EDUC-M 469 Block II (Fall on EDUC-M 403 EDUC-M 403 EDUC-S 303 Block III (Studer Students may ne teaching. (Exce	ation Program (TEP) P prerequisites is required. Institute taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms the taken in prescribed blocks. Successfur r higher) of all courses in each block is a the next block and student teaching. Ck II must be completed in sequence, with m one semester to the next. Students ma- ster(s) between the completion of Block ing (Block III). Dolly) Secondary School Mathematics Curriculus Assessment Field Experience I Content Area Literacy KV) Teaching Mathematics in the Secondary S Field Experience II Classroom Management ht Teaching) ot enroll in other classes while completing ption: EDUC-M 202 Job Search Strategies	30 credits 3 3 3 3 3 3 3 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5
Teacher Educ: Completion of TE These courses m EDUC-K 306 Courses must b completion (C o prerequisite for Block I and Bloc interruption, fro additional seme Student Teachin Block I (Spring of EDUC-M 303 EDUC-M 303 EDUC-M 469 Block II (Fall on EDUC-M 403 EDUC-M 403 EDUC-S 303 Block III (Studer Students may in teaching. (Excep Educators) EDUC-M 420	ation Program (TEP) P prerequisites is required. Inst be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms e taken in prescribed blocks. Successful r higher) of all courses in each block is a the next block and student teaching. Ck II must be completed in sequence, with m one semester to the next. Students ma ster(s) between the completion of Block ng (Block III). Child Experience I Content Area Literacy M Teaching Mathematics in the Secondary S Field Experience II Classroom Management ht Teaching) ot enroll in other classes while completing Student Teaching Seminar	30 credits 3 3 3 3 3 4 5 5 5 3 3 5 5 5 5 5 5 5 1 1 1 3 5 5 5 5 5 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1

III. MATHEMATICS CONTENT 42 credits/2.0 GPA (C or higher grade is required in each course listed below.) (Check with the department regarding when courses will be offered.)

Analysis	12 c	redits
MATH-M 211	Calculus I (MM)	4
MATH-M/S 212	Calculus II (P: M 211) (N&M) OR	4
MATH-M 213	Accelerated Calculus (P: Placement by exam)	<u>(N&M)</u>
MATH-M/S 311	Calculus III (P: M/S 212 or M 213)	4
Algebra	9 с	redits
MATH-M 301	Linear Algebra & Applications (P: M/S 212) OR	3
MATH-M/S 303	Linear Algebra for Undergraduates (P: M/S	212)
MATH-M 391	Intro to Mathematical Reasoning	3
	(P: M/S 212; R: M/S 212) (Spring Uniy)	2
MATTEM/0 400	(P: M 301 or M/S 303) (Fall only) OR	5
MATH-T 403	Modern Algebra for Secondary Teachers	3
	(P: M 301 or M/S 303 & M 391) (Fall only)	-
Probability & St	atistics 3 c	redits
MATH-M 365	Intro to Probability & Statistics (P ⁻ M/S 212)	3
		<u> </u>
Geometry	3 c	redits
MATH-T 336	Topics in Euclidean Geometry (P: M/S 212)	3
	(Fall only)	
Applied Mathem	natics 3 c	redits
MATH-M 447	Math Models & Applications I (P: M 301 or M/S	3
	303 & M/S 311 (C: M 365) (Fall only)	
Computer Prog	ramming 3 c	redits
MATH-M 371	Elementary Computational Methods	3
	(P: M/S 212) (Spring only)	
Math in Second	ary Curriculum 3 c	redits
Complete the follo	owing:	
Complete the follo EDUC-M 302	Algebra Throughout the Sec. Curriculum	1
Complete the follo EDUC-M 302	owing: Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum	1
Complete the follo EDUC-M 302 EDUC-M 302	Diving: Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only)	1 1
Complete the follo EDUC-M 302 EDUC-M 302 EDUC-M 302	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec.	1 1 1
Complete the follo EDUC-M 302 EDUC-M 302 EDUC-M 302	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only)	1 1 1
Complete the follo EDUC-M 302 EDUC-M 302 EDUC-M 302	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only)	1 1 1
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc	Algebra Throughout the Sec. Curriculum Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c cude at least one of the following:	1 1 1 redits
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c clude at least one of the following: Intuitive Topology (Spring only) (P: M/S 212)	1 1 1 redits 3
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c Clude at least one of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with	1 1 1 redits 3 3
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c Clude at least one of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with Applications I (P: M/S 212)	1 1 1 redits 3 3
Complete the folic EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M 380	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c clude <u>at least one</u> of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with Applications I (P: M/S 212) History of Mathematics (P: M/S 212) (Fall only)	1 1 1 redits 3 3 3
Complete the folic EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M 380 HPSC-X 380	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c Slude at least one of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with Applications I (P: M/S 212) History of Mathematics (P: M/S 212) (Fall only) OR History & Philosophy of Mathematics	1 1 1 redits 3 3 3
Complete the folic EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M 380 HPSC-X 380	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c Slude at least one of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with Applications I (P: M/S 212) History of Mathematics (P: M/S 212) (Fall only) OR History & Philosophy of Mathematics (P: M/S212) (Spring only)	1 1 1 redits 3 3 3
Complete the folic EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M 380 HPSC-X 380 MATH-M 405	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c Slude at least one of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with Applications I (P: M/S 212) History of Mathematics (P: M/S 212) (Fall only) OR History & Philosophy of Mathematics (P: M/S212) (Spring only) Number Theory (P: M/S 212)	1 1 1 redits 3 3 3 3
Complete the folic EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M 380 HPSC-X 380 MATH-M 405 MATH-M/S 413	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to total 42 c clude at least one of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with Applications I (P: M/S 212) History of Mathematics (P: M/S 212) (Fall only) OR History & Philosophy of Mathematics (P: M/S212) (Spring only) Number Theory (P: M/S 212) Introduction to Analysis I	1 1 1 redits 3 3 3 3 3 3 3 3 3
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M 380 HPSC-X 380 MATH-M 405 MATH-M/S 413	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to	1 1 1 redits 3 3 3 3 3 3
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 HPSC-X 380 MATH-M 405 MATH-M/S 413 Select any other m	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to	1 1 1 redits 3 3 3 3 3 but
Complete the follo EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 405 MATH-M 405 MATH-M/S 413 Select any other r the following are in	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to	1 1 1 redits 3 3 3 3 3 but
Complete the folic EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 MATH-M 405 MATH-M/S 413 Select any other r the following are in MATH-M 330	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to	1 1 1 redits 3 3 3 3 but 3
Complete the follo EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 MATH-M 405 MATH-M/S 413 Select any other r the following are in MATH-M 330 MATH-M 330 MATH-M 415	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to t	1 1 1 redits 3 3 3 3 but 3 3
Complete the folic EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 MATH-M 405 MATH-M/S 413 Select any other r the following are in MATH-M 330 MATH-M 330 MATH-M 415	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to	1 1 1 redits 3 3 3 3 but 3 3 2
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Electives Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 MATH-M 405 MATH-M/S 413 Select any other r the following are in MATH-M 330 MATH-M 330 MATH-M 448	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to	1 1 1 redits 3 3 3 3 but 3 3 3 3 3
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 MATH-M 405 MATH-M/S 413 Select any other r the following are in MATH-M 330 MATH-M 330 MATH-M 448	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to to tot 5 to to t	1 1 1 redits 3 3 3 3 but 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 MATH-M 405 MATH-M 405 MATH-M 405 MATH-M 330 MATH-M 330 MATH-M 415 MATH-M 448 MATH-M 453	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to total 42 c total	1 1 1 redits 3 3 3 3 but 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Complete the folk EDUC-M 302 EDUC-M 302 EDUC-M 302 EDUC-M 302 Program must inc MATH-M 321 MATH-M/S 343 MATH-M/S 343 MATH-M 380 MATH-M 405 MATH-M 405 MATH-M/S 413 Select any other r the following are in MATH-M 330 MATH-M 415 MATH-M 448 MATH-M 453	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only) Calculus Throughout the Sec. Curriculum (C: M/S 212) (Spring only) Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to total 42 c to total 42 c to total 42 c statistics Throughout the Sec. Curriculum (C: M 365) (Spring only) to total 42 c to total 42 c statistics of the following: Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with Applications I (P: M/S 212) History of Mathematics (P: M/S 212) (Fall only) OR History & Philosophy of Mathematics (P: M/S212) (Spring only) Number Theory (P: M/S 212) Introduction to Analysis I (P: M 301 or M/S 303 & M/S 311) (Fall only) mathematics course at the 300 level or above, recommended: Exploring Mathematical Ideas (P: M 211) Elementary Complex Variables with Applications (P: M/S 311) (Spring only) Mathematical Models and Applications II (P: M 301 or M/S 303 & M/S 311 & M 365) (Spring only) Cryptograhy (P: M 301 or M/S 303)	1 1 1 redits 3 3 3 3 but 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3