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 2016.

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 four 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 2016

		EQUISITES FOR ADMISSION TO THE		Mathematical Modeling (MM) (Select one)	3-4 credits
		e enrollment. Meeting minimum requirements	s does not		
		guarantee enrollment in authorized courses.)		MATH-M/S/V 118 Finite Mathematics	3
		ne basic skills testing requirement by using an	y of the	MATH-D 116 Intro to Finite Mathematics I AND	2
	following op	tions:		MATH-D 117 Intro to Finite Mathematics II (P: D1)	16) 2
	• Qualifyin	g scores on CASA		MATH-J 113 Intro to Calculus with Applications	3
	• Read	, ling 220, Math 220, Writing 220		MATH-M 119 Brief Survey of Calculus I	3
		bined score of at least 1100		MATH-M/S 211 Calculus I	4
		of MA + VE = 1100			
		posite score of at least 24		Arts & Humanities (A&H)	6 credits
2	o Sum 2.5 GPA ov	of EN + MA + RE + SR scores divided by 4 =	= 24	Complete at least 2 courses for a total of at least 6 credits.	
		nd a 2.0 GPA in the content field with at least	15 credits		
	completed a	and 6 credits in progress. Grade of C minus or		••	
4		each content field course. of or enrollment in prerequisites: Grade of C o	or higher is	Social & Historical Studies (S&H)	6 credit
		each EDUC course.	er ingriet ie	Complete at least 2 courses for a total of at least 6 credits.	
	Course		Credits		
	• EDUC-M	300 Teaching in a Pluralistic Society (D)) 3		
	• EDUC-P		3	••	
	• EDUC-P	v	nity 3		
	EDUC-W			Natural & Mathematical Sciences (N&M)	5+ credits
5		ctober 1 for Spring Semester Block I courses.	Ũ	(Complete ONE of the following options.)	
		P Application Online:			
		educ.indiana.edu/teachered/		Option I: Complete at least 2 courses for a total of at least	
	110.0			least 1 of these courses must be a Natural Science (*) cou	urse.
		. IUB & SCHOOL OF EDUCATION		• •	
		. IUB & SCHOOL OF EDUCATION IERAL EDUCATION REQUIREMEN	ITS	••	
	GEN	IERAL EDUCATION REQUIREMEN			
(C;	GEN http:	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h	ntml		
(Ca	GEN <u>http:</u> areful select	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of	ntml "C" or higher		
(Ca	GEN <u>http:</u> areful select	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro	ntml "C" or higher		
(Ca	GEN <u>http:</u> areful select	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of	ntml "C" or higher		ement cannot
Or	GEN http: areful select may allow of al Express	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one)	<u>html</u> ' "C" or higher ofessional	Option II: Complete a 5 credit science course.	
Ora (Gr	GEN http: areful select may allow of al Express rade of C or	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required)	ttml "C" or higher ofessional 3 credits	Option II: Complete a 5 credit science course. (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&N	1 requirement.)
Or (Gr AN	GEN http: areful select may allow of al Express rade of C or TH-A 122	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H)	time "C" or higher ofessional 3 credits 3	Option II: Complete a 5 credit science course. (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&N World Languages (WL)/World Cultures (WC)	1 requirement.)
Or (Gr AN CO	GEN http: areful select may allow of al Express rade of C or TH-A 122 pLL-P 155	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication	time "C" or higher ofessional 3 credits 3 3	Option II: Complete a 5 credit science course. (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&N	1 requirement.)
Or (Gr AN CO	GEN http: areful select may allow of al Express rade of C or TH-A 122 pLL-P 155	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H)	time "C" or higher ofessional 3 credits 3 3	Option II: Complete a 5 credit science course.	1 requirement.) 6 credits
Or (Gr AN CO ED	GEN http: areful select may allow of al Express ade of C or TH-A 122 hLL-P 155 UC-G 203	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (<u>S&H)</u> Public Oral Communication Comm. for Youth Serving Professionals (<u>S&</u>	time "C" or higher ofessional 3 credits 3 3	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of an option study option study of an option study of an option study of an option study option study option study of an option study st	1 requirement.) 6 credits n approved
Or (Gr AN CO ED	GEN http: areful select may allow of al Express ade of C or TH-A 122 bLL-P 155 UC-G 203 glish Com	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro- Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one)	ttml "C" or higher ofessional 3 credits 3 3 .H) 3	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second	1 requirement.) 6 credits n approved
Or (Gr AN CO ED	GEN http: areful select may allow of al Express ade of C or TH-A 122 bLL-P 155 UC-G 203 glish Com	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro- Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one)	time "C" or higher ofessional 3 credits 3 3	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of an option study option study of an option study of an option study of an option study option study option study of an option study st	1 requirement.) 6 credits n approved
Or (Gr AN CO ED ED	GEN http: areful select may allow of al Express ade of C or TH-A 122 bLL-P 155 UC-G 203 glish Com	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro- Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required)	ttml "C" or higher ofessional 3 credits 3 3 .H) 3	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second	1 requirement.) 6 credits n approved
Ora (Gr AN CO ED ED ED (Gr CN	GEN http: areful select may allow of al Express ade of C or TH-A 122 bLL-P 155 UC-G 203 glish Com rade of C or	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) ion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World	atml "C" or higher ofessional 3 credits 3 3 4 3 3 3 3 3 3 3 3 3 0-3 credits	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second	1 requirement.) 6 credit
Or (Gr AN CO ED En (Gr CN EN	GEN http: areful select may allow of al Express ade of C or TH-A 122 UL-P 155 UC-G 203 glish Com rade of C or ILT-C 110 G-W 131	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) ion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR	atml "C" or higher ofessional 3 credits 3 4 3 4 3 4 3 4 3 4 3 4 3 4 5 3 3 3 3 3 3 3 3 3 3	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of an single language through the second semester of the second college-level coursework.	1 requirement.) 6 credits n approved d-year level of
Or (Gr AN ED ED (Gr CM EN EN	GEN http: areful select may allow al Express ade of C or TH-A 122 bLL-P 155 UC-G 203 glish Com ade of C or ILT-C 110 G-W 131 ENG-W 131	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of iouble counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication Comm. for Youth Serving Professionals (S& Position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt	attml attml brecht attml attml	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second	1 requirement.) 6 credits n approved d-year level of
Or (Gr AN ED ED (Gr CM EN EN	GEN http: areful select may allow of al Express ade of C or TH-A 122 UL-P 155 UC-G 203 glish Com rade of C or ILT-C 110 G-W 131	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) ion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR	attml attml brecht attml attml	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&M World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of an single language through the second semester of the second college-level coursework.	1 requirement.) 6 credits n approved d-year level of
Or (Gr AN CED En (Gr EN EN EN	GEN http: areful select may allow of al Express rade of C or TH-A 122 JLL-P 155 UC-G 203 glish Com ade of C or ILT-C 110 G-W 131 SNG-W 1316 G-W 170	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication Comm. for Youth Serving Professionals (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing	atml atml brechtsional 3 credits 3 atml 3 brechts 3 0 breading 3 1	Option II: Complete a 5 credit science course. •	1 requirement.) 6 credits n approved d-year level of
Or (Gr AN ED ED En (Gr CN EN EN EN	GEN http: areful select may allow of al Express ade of C or TH-A 122 bL-P 155 UC-G 203 glish Com rade of C or ILT-C 110 G-W 131 G-W 131 G-W 131 G-W 170 ensive Wr	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication Comm. for Youth Serving Professionals (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& mosition (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing iting Course (IW) (Select one)	atml atml ofessional 3 credits 3 atml 3 0-3 credits 3 0 atml 3 atml	Option II: Complete a 5 credit science course. •	1 requirement.) 6 credits n approved d-year level of
Or (Gr AN ED ED ED (CM EN EN EN EN	GEN http: areful select may allow of al Express rade of C or TH-A 122 JLL-P 155 UC-G 203 glish Com ade of C or ILT-C 110 G-W 131 SNG-W 1316 G-W 170	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing iting Course (IW) (Select one) Intro to Educational Thought (P: English con	atml atml ofessional 3 credits 3 atml 3 0-3 credits 3 0 atml 3 atml	Option II: Complete a 5 credit science course. •	f requirement.) 6 credits n approved d-year level of es for a total of
Or (Gr AN CO ED ED (Gr CN EN EN EN Int ED	GEN http: areful select may allow of al Express rade of C or TH-A 122 PLL-P 155 UC-G 203 glish Com ade of C or ILT-C 110 G-W 131 G-W 131 G-W 1318 G-W 170 ensive Wr UC-H 205	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro- Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing iting Course (IW) (Select one) Intro to Educational Thought (P: English con (S&H)	a 3 b 3 c	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&W World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second college-level coursework. •	A requirement.) 6 credits n approved d-year level of es for a total of pproved study
Or (Gr AN COD ED ED (Gr CN EN EN EN Int ED	GEN http: areful select may allow of al Express ade of C or TH-A 122 bL-P 155 UC-G 203 glish Com rade of C or ILT-C 110 G-W 131 G-W 131 G-W 131 G-W 170 ensive Wr	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing iting Course (IW) (Select one) Intro to Educational Thought (P: English con (S&H) Education & American Culture	atml atml ofessional 3 credits 3 atml 3 0-3 credits 3 0 atml 3 atml	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&W World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second college-level coursework. •	A requirement.) 6 credits n approved d-year level of es for a total of pproved study
Or (Gr AN COD ED ED (Gr CN EN EN EN Int ED	GEN http: areful select may allow of al Express rade of C or TH-A 122 PLL-P 155 UC-G 203 glish Com ade of C or ILT-C 110 G-W 131 G-W 131 G-W 1318 G-W 170 ensive Wr UC-H 205	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro- Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing iting Course (IW) (Select one) Intro to Educational Thought (P: English con (S&H)	a 3 b 3 c	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&W World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second college-level coursework. •	A requirement.) 6 credit: n approved d-year level of es for a total of poproved study
Or (Gr AN COD ED ED (Gr CN EN EN EN Int ED	GEN http: areful select may allow of al Express rade of C or TH-A 122 PLL-P 155 UC-G 203 glish Com ade of C or ILT-C 110 G-W 131 G-W 131 G-W 1318 G-W 170 ensive Wr UC-H 205	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing iting Course (IW) (Select one) Intro to Educational Thought (P: English con (S&H) Education & American Culture	a 3 b 3 c	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&W World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second college-level coursework. •	A requirement.) 6 credits n approved d-year level of es for a total of pproved study
Ora (Gr AN ED ED (Gr CN EN EN EN Int ED	GEN http: areful select may allow of al Express rade of C or TH-A 122 PLL-P 155 UC-G 203 glish Com ade of C or ILT-C 110 G-W 131 G-W 131 G-W 1318 G-W 170 ensive Wr UC-H 205	IERAL EDUCATION REQUIREMEN //gened.iub.edu/courses/genedcourses.h ion and completion of courses with a grade of double counting within General Education, Pro Education and/or Content Field.) sion (Select one) higher required) Interpersonal Communication (S&H) Public Oral Communication Comm. for Youth Serving Professionals (S& position (EC) (Select one) higher required) Writing the World Reading, Writing & Inquiry I OR EX Elementary Composition-Exempt Intro to Argumentative Writing-Projects in Re & Writing iting Course (IW) (Select one) Intro to Educational Thought (P: English con (S&H) Education & American Culture	a 3 b 3 c	Option II: Complete a 5 credit science course. • (The class taken to fulfill the Mathematical Modeling require be counted towards the 5+ credits needed to fulfill the N&W World Languages (WL)/World Cultures (WC) (Complete ONE of the following options.) Option I: Language Study (WL): Complete the study of ar single language through the second semester of the second college-level coursework. •	A requirement.) 6 credit: n approved d-year level of es for a total of poproved study

Information F	Fluency (IF)	3 credits						
EDUC-W 200	Using Computers in Education	3						
Diversity in the	he U. S. (D)	3 credits						
EDUC-M 300	Teaching in a Pluralistic Society (P: Soph. stat	tus) 3						
Enriching Ed	ucational Experiences (EEE)	12 credits						
EDUC-M 480	Student Teaching: Secondary	12						
	II. PROFESSIONAL EDUCATION							
(A grade of	48 credits/2.5 GPA C or higher is required in each course listed	below.)						
Prerequisite	courses for admission to the TEP	12 credits						
•		12 creans						
EDUC-M 300	Teaching in a Pluralistic Society (P: Soph. status) (D)	3						
EDUC-P 312	Learning Theory into Practice (P: Soph. statu							
EDUC-P 313	Adolescents in a Learning Community (P: Sophomore status)	3						
EDUC-W 200	Using Computers in Education (IF)	3						
Required Nor	n-Authorized Course	6 credits						
EDUC-A 308	Legal & Ethical Issues for Teachers	3						
EDUC-H 205	(P: Soph. status) Intro to Educational Thought (P: English com	_						
EDUC-H 34	<u>(S&H) (IW)</u> OR							
	(P: English comp & Soph. status) (IW)							
- · -·		00 III						
Teacher Edu	cation Program (TEP)	30 credits						
Admission to the	e TEP is required.	30 credits						
Admission to the	U ()	30 credits						
Admission to the	e TEP is required.	30 credits						
Admission to the These courses of EDUC-K 306 Courses must completion (C	e TEP is required. must be taken before student teaching. Teaching Students with Special Needs:							
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, witho om one semester to the next. Students may ester(s) between the completion of Block II	3 out add an						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, witho om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>Lonly)</u>	3 out add an and <u>8 credits</u>						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, withor om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>Lonly</u> <u>Secondary School Mathematics Curriculum</u>	3 out add an and <u>8 credits</u>						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach Block I (Spring	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, witho om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>Lonly)</u>	3 out add an and <u>8 credits</u>						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach <u>Block I (Spring</u> EDUC-M 321	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, witho om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>Secondary School Mathematics Curriculum</u> Assessment	3 add an and <u>8 credits</u> & 3						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach <u>Block I (Spring</u> EDUC-M 321 EDUC-M 303	e TEP is required. must be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, without om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>conly</u> Secondary School Mathematics Curriculum Assessment Field Experience I Content Area Literacy hly)	3 out add an and <u>8 credits</u> <u>8</u> 3 <u>2</u> 3 <u>6 credits</u>						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach Block I (Spring EDUC-M 321 EDUC-M 303 EDUC-M 469 Block II (Fall of EDUC-M 422	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, witho om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>conly)</u> <u>Secondary School Mathematics Curriculum</u> <u>Assessment</u> Field Experience I <u>Content Area Literacy</u> <u>hly)</u> <u>Teaching Mathematics in the Secondary Sc</u>	3 out add an and <u>8 credits</u> & 3 2 3 <u>6 credits</u> 3						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach <u>Block I (Spring</u> EDUC-M 321 EDUC-M 303 EDUC-M 469 <u>Block II (Fall or</u>	e TEP is required. must be taken before student teaching. Teaching Students with Special Needs: Secondary Classrooms be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, without om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>conly</u> Secondary School Mathematics Curriculum Assessment Field Experience I Content Area Literacy hly)	3 out add an and <u>8 credits</u> <u>8</u> 3 <u>2</u> 3 <u>6 credits</u>						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach Block I (Spring EDUC-M 321 EDUC-M 321 EDUC-M 303 EDUC-M 403 EDUC-M 403 EDUC-M 403 EDUC-S 303 Block III (Stude Students may i teaching. (Exce	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, witho om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>conly</u> <u>Secondary School Mathematics Curriculum</u> <u>Assessment</u> <u>Field Experience I</u> <u>Content Area Literacy</u> <u>hly</u> <u>Teaching Mathematics in the Secondary Sc</u> <u>Field Experience II</u> <u>Classroom Management</u>	3 out add an and <u>8 credits</u> & 3 <u>2</u> 3 <u>6 credits</u> hool 3 2 1 <u>13 credits</u> student						
Admission to the These courses I EDUC-K 306 Courses must completion (C prerequisite fo Block I and Blo interruption, fr additional sem Student Teach Block I (Spring EDUC-M 303 EDUC-M 303 EDUC-M 469 Block II (Fall of EDUC-M 403 EDUC-M 403 EDUC-S 303 Block III (Stude Students may	e TEP is required. <u>must be taken before student teaching.</u> <u>Teaching Students with Special Needs:</u> <u>Secondary Classrooms</u> be taken in prescribed blocks. Successful or higher) of all courses in each block is a r the next block and student teaching. bock II must be completed in sequence, without om one semester to the next. Students may ester(s) between the completion of Block II ing (Block III). <u>Lonly)</u> <u>Secondary School Mathematics Curriculum</u> <u>Assessment</u> <u>Field Experience I</u> <u>Content Area Literacy</u> <u>hly)</u> <u>Teaching Mathematics in the Secondary Sc</u> <u>Field Experience II</u> <u>Classroom Management</u> <u>ent Teaching)</u> not enroll in other classes while completing	3 out add an and <u>8 credits</u> & 3 <u>2</u> 3 <u>6 credits</u> hool 3 2 1 <u>13 credits</u> student						

III. MATHEMATICS CONTENT

42 credits/2.0 GPA (A grade of C minus or higher is required in each course.) (Check with the department regarding when courses will be offered.)

Analysis		credits
MATH-M/S 211	Calculus I <u>(MM</u>)	4
MATH-M/S 212	Calculus II (P: M/S 211) (N&M)	4
MATH-M/S 311	Calculus III (P: M/S 212)	4
Algebra	9	credits
MATH-M 301	Linear Algebra & Applications (P: M/S 212) O	R 3
MATH-M/S 303	Linear Algebra for Undergraduates (P: M/S	
MATH-M 391	Intro to Mathematical Reasoning	3
	(P: M/S 212, or M/S 211and CSCI-C 241;	
MATH-M/S 403	M303 or M301)) (Spring Only) Intro to Modern Algebra	3
WATT-W/5 405	(P: M 301 or M/S 303) (Fall only) OR	5
MATH-T 403	Modern Algebra for Secondary Teachers (P: M 301 or M/S 303 & M 391) (Fall only)	
Probability & St		credits
MATH-M 365	Intro to Probability & Statistics (P: M/S 212)	3
Geometry	3	credits
MATH-T 336	Topics in Euclidean Geometry (P: M/S 212)	3
	(Fall only)	
Applied Mathem	natics 3	credits
MATH-M 447	Math Models & Applications I (P: M 301 or M/S	
	303 & M/S 311) (C: M 360 or M365) (Fall only	
Computer Prog	ramming 3	credits
MATH-M 371	Elementary Computational Methods	3
	(P: M/S 212) (Spring only)	
Math in Second		credits
Complete the follo		
EDUC-M 302	Algebra Throughout the Sec. Curriculum (P: M 301 or M/S 303) (C: T 403) (Fall only)	1
EDUC-M 302	Calculus Throughout the Sec. Curriculum	1
	(C: M/S 212) (Spring only)	
EDUC-M 302	Probability & Statistics Throughout the Sec. Curriculum (C: M 365) (Spring only)	1
Electives	to total 42	credits
Program must inc MATH-M 321	lude <u>at least one</u> of the following:	0
MATH-M 321 MATH-M/S 343	Intuitive Topology (Spring only) (P: M/S 212) Introductions to Differential Equations with	3 3
MATH-M 380	Applications I (P: M/S 212) History of Mathematics (P: M/S 212) (Fall only	() 3
	OR	9 3
HPSC-X 380	History & Philosophy of Mathematics	
	(P: M/S212) (Spring only)	
MATH-M 405	Number Theory (P: M/S 212)	3
MATH-M/S 413	Introduction to Analysis I	3
	(P: M 301 or M/S 303 & M/S 311) (Fall only)	
	nathematics course at the 300 level or above	e, but
the following are		
MATH-M 330	Exploring Mathematical Ideas (P: M 211)	3
MATH-M 415	Elementary Complex Variables with	3
	Applications (P: M/S 311) (Spring only)	0
MATH-M 448	Mathematical Models and Applications II	3
	(P: M 301 or M/S 303 & M/S 311 & M360 or M 365)	
	,	
	(Spring only)	
MATH-M 453	(Spring only) Cryptograhy (P: M 301 or M/S 303)	3