## EIGHT SEMESTER MAP FOR SECONDARY EDUCATION WITH A MATHEMATICS SPECIALTY AREA

Year 2 PSY 1001 – Intro to Education Psychology I & L 1332 – Strategies & Techniques of Instruction British or American Lit Class MATH 0230 – Analytic Geometry & Calculus 2 MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year) PHYS 0174 – Basic Physics, Science & Engineering I (Integrated); or NATSC 0070* - Physical Science Every Day Thinking  Year 4 (example given: fall even year)  Year 5 I & L 1702 – Early Field Experience I & L 1060 – Education of Exceptional Students II MATH 0240 – Analytic Geometry & Calculus 3 MATH 1180 – Linear Algebra I MATH 0420 – Intro Theory I – Variable Calculus (17 credits)  (odd) I & L 1470 – Teaching Mathematics – Sec. School I & L 1470 – Teaching Mathematics – Sec. School I & L 1471 (1 cr) – Pedagogy Lab - Mathematics PHYS 0175 – Basic Physics, Science & Engineering I (Integrated); or NATSC 0070* - Physical Science Every Day Thinking  Year 4 (example given: fall even year)  Year 5 I & L 1821 (1 cr) – Pre-Student Teaching I & L 1821 – Student Teaching I & L 1876 – St		Fall Semester	Spring Semester
One course on World Society  MATH 0200 – Preparation for Scientific Calculus HIST 600 – U.S. to 1877; HIST 601 – U.S. 1865- Present; or SOC 0009 – American Society  (15 credits)  Year 2 PSY 1001 – Intro to Education Psychology I & L 1332 – Strategies & Techniques of Instruction British or American Lit Class MATH 0230 – Analytic Geometry & Calculus 2 MATH 0230 – Analytic Geometry & Calculus 2 MATH 0230 – Analytic Geometry & Calculus 2 MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year)  Year 4 (example given: fall odd year)  Year 4 (example given: fall even year)  Year 4 (example given: fall even year)  NATH 1290* – Topics in Geometry ENGLIT 1647 – Literature for Adolescents One course in Artistic Traditions  Philosophy  COMMRC 0520 – Public Speaking MATH 0220 – Analytic Geometry & Calculus I PSY 0310 – Developmental Psychology (16 credits)  (even) I & L 1702 – Early Field Experience I & L 1060 – Education of Exceptional Students I MATH 0240 – Analytic Geometry & Calculus 3 MATH 1280 – Linear Algebra I MATH 0240 – Analytic Geometry & Calculus 3 MATH 1280 – Linear Algebra I MATH 0420 – Intro Theory I – Variable Calculus (17 credits)  (odd)  I&L 161 – Education of Exceptional Students II MATH 0420 – Teaching Mathematics – Sec. School I&L 1470 – Teaching Mathematics – Sec. School I&L 1471 (1 cr) – Pedagogy Lab - Mathematics PHYS 0175 – Basic Physics, Science & Engineering 2 (Integrated); or a second natural science Soc 0455 – Diversity in America MATH 1230* – The Big Ideas of Mathematics  (17 credits)  Year 4 (example given: fall even year)  Year 5  Year 4 (example given: fall even year)  Year 5  Year 5  Year 6  Year 7  Year 7  Year 7  Year 8  Year 9  Year	Year 1	PSY 0010 – Intro to Psychology	EFOP 1001 – Social Foundations of Education
MATH 0200 – Preparation for Scientific Calculus HIST 600 – U.S. to 1877; HIST 601 – U.S. 1865- Present; or SOC 0009 – American Society  (15 credits)  Year 2 PSY 1001 – Intro to Education Psychology I & L 1332 – Strategies & Techniques of Instruction British or American Lit Class MATH 0230 – Analytic Geometry & Calculus 2 MATH 0230 – Analytic Geometry & Calculus 2 MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year)  WATH 0430 – Applied Statistical Methods I&L 1061 – Education of Exceptional Students II MATH 0430 – Intro to Abstract Algebraic Systems fall odd year)  (Integrated); or NATSC 0070* - Physical Science Every Day Thinking  Year 4 (example given: fall even year)  Year 4 (example given: fall even year)  WATH 1290* – Topics in Geometry ENGLIT 1647 – Literature for Adolescents One course in Artistic Traditions Philosophy  MATH 0220 – Analytic Geometry & Calculus I PSY 0310 – Developmental Psychology  (16 credits)  (even) I & L 1702 – Early Field Experience I & L 1060 – Education of Exceptional Students I MATH 0240 – Analytic Geometry & Calculus 3  MATH 1180 – Linear Algebra I MATH 0420 – Intro Theory I – Variable Calculus (17 credits)  (odd) I&L 1471 (1 cr) – Pedagogy Lab - Mathematics PHYS 0175 – Basic Physics, Science & Engineering 2 (Integrated); or a second natural science SOC 0455 – Diversity in America MATH 1230* – The Big Ideas of Mathematics  (17 credits)  Year 4 (example given: fall even year)  WATH 1290* – Topics in Geometry ENGLIT 1647 – Literature for Adolescents One course in Artistic Traditions Philosophy  (13 credits)		ENGCMP 0010 – College Comp. I	ENGCMP 0200 – College Comp. II
HIST 600 – U.S. to 1877; HIST 601 – U.S. 1865- Present; or SOC 0009 – American Society  (15 credits)  Year 2 PSY 1001 – Intro to Education Psychology I & L 1332 – Strategies & Techniques of Instruction British or American Lit Class MATH 0230 – Analytic Geometry & Calculus 2 MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year) PSY 0310 – Developmental Psychology I & L 1332 – Strategies & Techniques of Instruction British or American Lit Class MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  (17 credits)  (18 L 1702 – Early Field Experience I & L 1060 – Education of Exceptional Students I MATH 0420 – Intro Theory I – Variable Calculus (17 credits)  (18 L 1470 – Teaching Mathematics – Sec. School I & L 147		One course on World Society	COMMRC 0520 – Public Speaking
Present; or SOC 0009 – American Society  (15 credits)  Year 2  PSY 1001 – Intro to Education Psychology I & L 1332 – Strategies & Techniques of Instruction British or American Lit Class MATH 0230 – Analytic Geometry & Calculus 2 MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3  (example given: fall odd year) PHYS 0174 – Basic Physics, Science & Engineering I (Integrated); or NATSC 0070* - Physical Science Every Day Thinking  Year 4  (example given: fall even year)  Year 5  Year 4  (example given: fall even year)  Year 5  Year 4  (example given: fall even year)  Year 5  Year 4  (example given: fall even year)  Year 5  Year 5  Year 4  (example given: fall even year)  Year 5  Year 6  Year 7  Year 7  Year 7  Year 8  Year 9		MATH 0200 –Preparation for Scientific Calculus	MATH 0220 – Analytic Geometry & Calculus I
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PSY 1001 – Intro to Education Psychology 1 & L 1332 – Strategies & Techniques of Instruction British or American Lit Class MATH 0230 – Analytic Geometry & Calculus 2 MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year)  Year 3 (lottegrated); or NATSC 0070* - Physical Science Every Day Thinking  Year 4 (example given: fall the feature of the		Present; or SOC 0009 – American Society	(16 credits)
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I & L 1332 - Strategies & Techniques of Instruction   British or American Lit Class   MATH 0230 - Analytic Geometry & Calculus 2   MATH 0413 - Intro to Theoretical Mathematics   EDPSY 0009 - English Language Learners   MATH 0420 - Intro Theory I - Variable Calculus 3   MATH 1180 - Linear Algebra I   MATH 0420 - Intro Theory I - Variable Calculus (17 credits)	Year 2	PSY 1001 – Intro to Education Psychology	(even)
MATH 0230 – Analytic Geometry & Calculus 2 MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year) (Integrated); or NATSC 0070* - Physical Science Every Day Thinking  Year 4 (example given: Late 11 (1 cr) – Pre-Student Teaching (17 credits)  Year 4 (example given: Every Day Thinking  Year 4 (example given: fall even year)  Year 4 (example given: fall even year)  MATH 0230 – Analytic Geometry & Calculus 3 MATH 0240 – Analytic Geometry & Calculus 3 MATH 1180 – Linear Algebra I MATH 0420 – Intro Theory I – Variable Calculus (17 credits)  (odd)  I&L 1470 – Teaching Mathematics – Sec. School I&L 1470 – Pedagogy Lab - Mathematics PHYS 0175 – Basic Physics, Science & Engineering 2 (Integrated); or a second natural science SOC 0455 – Diversity in America MATH 1230* – The Big Ideas of Mathematics  (17 credits)  Year 4 (example given: For Adolescents One course in Artistic Traditions Philosophy  (13 credits)		I & L 1332 – Strategies & Techniques of Instruction	I & L 1702 – Early Field Experience
MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year)  Year 3 (Exercited by the complete statistic states of the complete s		British or American Lit Class	I & L 1060 – Education of Exceptional Students I
MATH 0413 – Intro to Theoretical Mathematics EDPSY 0009 – English Language Learners  (17 credits)  Year 3 (example given: fall odd year)  Year 3 (Exercited by the complete statistic states of the complete s		MATH 0230 – Analytic Geometry & Calculus 2	MATH 0240 – Analytic Geometry & Calculus 3
Codd   STAT 1000 - Applied Statistical Methods   STAT 1000 - Applied Statistical Methods   I&L 1061 - Education of Exceptional Students II   MATH 0430* - Intro to Abstract Algebraic Systems   MATH 1270 - Ordinary Differential   PHYS 0174 - Basic Physics, Science & Engineering I   (Integrated); or NATSC 0070* - Physical Science   Every Day Thinking   (17 credits)   I&L 1821 - Student Teaching   I&L 1821 - Student Teaching   I&L 1876 - Student Teaching Seminar   I&L 1876 - Student Teaching   I&L 187		MATH 0413 – Intro to Theoretical Mathematics	· · · · · · · · · · · · · · · · · · ·
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## \*Only offered every other year

Note: Optional credits: I&L 0020, Directed Tutoring (1-3 credits) – supervised -- local secondary schools

<sup>\*\*</sup> Must take a 2-semester sequence; Must take Physics Sequence if getting a dual major. (note:PEDC is offered in the Autumn. Switch SS2 with PEDC if you are taking that).