SECONDARY MATH PLANNING FORM

**Student Name:**

**Education Program: Secondary Math**

**BA or MAT:**

**Content Major: Math**

**Content Major Advisor:**

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| **Secondary Math Required Content Area/ Licensure Courses** | | |
| **Course** | **Semester Enrolled** | **FFC Requirement** |
| **MATH 110**—Calculus I |  | Quantitative Reasoning |
| **MATH 111—**Calculus II |  | Quantitative Reasoning |
| **CSCI 112—**Computer Science I |  | Quantitative Reasoning;  Technology |
| **MATH 150**--Intro Prob/Stats |  | Quantitative Reasoning |
| **MATH 210—**Multivariable Calculus |  | Quantitative Reasoning |
| **MATH 230**—Abstract and Discrete Mathematics |  | Quantitative Reasoning |
| **MATH 231—**Linear Algebra |  | Quantitative Reasoning |
| **MATH 311—**Introduction to Real Analysis |  |  |
| **MATH 330—**Abstract Algebra |  |  |
| **Three 300+ Math elective (one can be 200 level)** (this includes MATH 340--Geometry) |  |  |
| **MATH 340—**Geometry *(counts toward 300+ elective)* |  |  |
| Choose one of the following senior seminar courses:  **MATH 450**—Mathematical Statistics (*pre-requisite includes350*)  OR  **MATH 499**—Great Theorems of Mathematics  OR  Senior thesis |  | Quantitative Reasoning |

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| **Additional Required Licensure Courses** | **Semester Enrolled** | **FFC Requirement** |
| **PSYC 110**—Introduction to Psychology |  | Natural Sciences (only if taken at LFC) |
| **PSYC 210—**Developmental Psychology |  | Social Sciences |

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| **Secondary Education Required Courses** | | |
| **COURSE** | **Semester Enrolled** | **FFC Requirement** |
| **EDUC 210**--Observing the Schooling Process |  | Writing Intensive |
| **EDUC 215-**-Instructional Communication |  | Speaking Intensive |
| **EDUC 220/PHIL 220**--Philosophy of Education (EDUC 220 required for MAT candidates)  **OR**  **SOAN 244**--Anthropology of Education  **OR**  **HIST 239**--History of Education |  | Humanities for EDUC 220  Humanities and Domestic Pluralism (EDUC 239) |
| **EDUC 313/413**--Reading in the Content Areas |  |  |
| **EDUC 315/415** —Middle School Fieldwork & Seminar |  | Experiential Learning |
| **EDUC 314/414** —Inclusive Learning Environments |  | Social Sciences and Domestic Pluralism |
| **EDUC 419/ 519L**-- Secondary Curriculum & Instructional Design |  | \*Technology Intensive for BA candidates |
| **EDUC 420/520** -- Discipline Specific Secondary Instructional Design |  |  |
| **EDUC 421/521L** —Secondary Student teaching |  | \*Experiential for BA candidates |
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| **MAT Stand-Alone Courses** | | |
| **EDUC 501**—Introduction to Teacher Research |  |  |
| **EDUC 5124X –** Seminar on Advanced Themes |  |  |
| **EDUC 560X**—Teacher Action Research Project |  |  |

\*EDUC 519 and 521 take place AFTER graduating/earning your BA for MAT students, so cannot count toward technology or experiential tag for MAT students

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| **Required Courses for Optional Endorsements** | | |
| **ESL/ Bilingual** | **LBSI** | **Additional Content Area Endorsement** |
| LING 300 |  |  |
| EDUC 448/548  (Pre-requisite EDUC 215) | EDUC 486/586  (Pre-requisite EDUC 314/414) | EDUC 406/506  (Pre-requisite 18 semester hours in relevant content area) |

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| **FFC Requirements** | **Semester Enrolled** | **Course** |
| **1 Natural Science** |  | PSYC 110 (only if taken at LFC) |
| **1 Quantitative Reasoning** |  | Multiple content courses above |
| **1 Humanities** |  | EDUC 220 or 239 |
| **1 Social Sciences** |  | EDUC 210, 215, 314  PSYC 210 |
| **1 Creative and Performing Arts** |  |  |
| **1 Global Perspectives** |  |  |
| **1 Domestic Pluralism** |  | EDUC 239, 314/414, 315/415 |
| **1 Writing Intensive** |  | EDUC 210 |
| **1 Speaking Intensive** |  | EDUC 215 |
| **1 Technology Intensive** |  | EDUC 419 (for BA candidates only)  CSCI 112 |
| **Experiential Learning** |  | EDUC 315/415  EDUC 421 (for BA candidates only) |

SECONDARY MATH SEMESTER PLANNING SHEET (BA)

**Student Name:**

**Education Program: Secondary Math (BA)**

**Content Major: Math**

**Content Major Advisor:**

\*\*Courses in **BOLD** must be taken in that specific semester. Other courses not in BOLD are flexible and can be moved around to other semesters but should be taken before fieldwork semester (EDUC 315).

\*\*FFC tags noted here are as of spring of 2022. FFC tags may change. It is YOUR responsibility to ensure you are meeting all FFC requirements by the time you graduate.

\*\*Need to earn at least B- in all EDUC courses; at least C in all major and licensure courses.

**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| **FIYS** | PSYC 110 |  |
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**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| EDUC 210 | EDUC 215 |  |
| PSYC 210 | EDUC 220 |  |
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**Academic year:**

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| **Fall** | **Spring** | **Summer** |
|  | **EDUC 313** |  |
|  | **EDUC 315 (fieldwork)** |  |
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**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| **EDUC 419** | **EDUC 314** |  |
| **EDUC 422** | **EDUC 421¯ (student teaching, 3 credits)** |  |
| **\*EDUC 448 or 486 (optional ESL or LBS1 endorsement courses)** |  |  |
| **EDUC 406 (optional content area endorsement course)** |  |  |

\*If earning LBS1 endorsement, EDUC 314 is a pre-requisite for that course. Talk with your advisor about taking EDUC 314 the previous spring rather than during student teaching.

SECONDARY MATH SEMESTER PLANNING SHEET (COMBINED BA/MAT)

**Student Name:**

**Education Program: Secondary Math (MAT)**

**Content Major: Math**

**Content Major Advisor:**

\*\*Courses in **BOLD** must be taken in that specific semester. Other courses not in BOLD are flexible and can be moved around to other semesters but should be taken before fieldwork semester (EDUC 415).

\*\*FFC tags noted here are as of spring of 2022. FFC tags may change. It is YOUR responsibility to ensure you are meeting all FFC requirements by the time you graduate.

\*\*Need to earn at least B- in all EDUC courses; at least C in all major and licensure courses.

**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| **FIYS** | PSYC 110 |  |
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**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| EDUC 210 | EDUC 215 |  |
| PSYC 210 | EDUC 220 |  |
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**Academic year:**

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| **Fall** | **Spring** | **Summer** |
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**Academic year:**

***Complete BA in content major at end of Spring semester (complete minor in Education)***

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| **Fall** | **Spring** | **Summer** |
|  | **EDUC 413** | **EDUC 501** |
|  | **EDUC 415 (fieldwork)** |  |
|  | **EDUC 414** |  |
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**Academic year:**

***Complete MAT and Licensure at end of Spring semester***

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| **Fall** | **Spring** | **Summer** |
| **EDUC 519L** | **EDUC 521L (student teaching)** |  |
| **EDUC 520** | **EDUC 560X (MAT Seminar** |  |
| **EDUC 524X (MAT Seminar)** |  |  |
| **EDUC 506 (optional content area endorsement course)** |  |  |
| **EDUC 548 or 586 (optional ESL or LBS1 endorsement courses)** |  |  |

SECONDARY MATH SEMESTER PLANNING SHEET (POST BA MAT)

**Student Name:**

**Education Program: Secondary Math (MAT)**

\*\*Courses in **BOLD** must be taken in that specific semester. Other courses not in BOLD are flexible and can be moved around to other semesters but should be taken before fieldwork semester (EDUC 415).

\*\*Need to earn at least B- in all EDUC courses; at least C in all major and licensure courses.

**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| EDUC 220 | PSYC 110 |  |
|  | EDUC 210 |  |
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**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| EDUC 215 | **EDUC 413** | **EDUC 501** |
| PSYC 210 | **EDUC 415 (fieldwork)** |  |
|  | **EDUC 414** |  |
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**Academic year:**

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| **Fall** | **Spring** | **Summer** |
| **EDUC 519L** | **EDUC 521L (student teaching)** |  |
| **EDUC 520** | **EDUC 560X (MAT Seminar)** |  |
| **EDUC 524X (MAT Seminar)** |  |  |
| **EDUC 506 (optional content area endorsement course)** |  |  |
| **EDUC 548 or 586 (optional ESL or LBS1 endorsement courses)** |  |  |