

# School of Health Sciences and Education

## Mathematics, Secondary Education, B.S.

**Table 1 – First Year Fall**

ID	Name	Credits
MATH 121	Calculus I	4
CPSC 121	Introduction to Programming	4
PSYC 101	Introduction to Psychology	3
CORE I	First-Year Seminar	3
MATH 192	Freshman Seminar – Math	0
CORE 103	Community Enrichment (Fall)	0
EDUC 150	Educational Psychology	3
<b>Total:</b>		<b>17</b>

**Table 2 – First Year Spring**

ID	Name	Credits
MATH 122	Calculus with Analytic Geometry II	4
MATH 140	Bridge to Abstract Mathematics	3
PHYS 121	Physics I	4
THEO 105	Franciscan Goals for Today	3
CORE 104	Community Enrichment (Spring)	3
EDUC 205	Introduction to Special Education	0
<b>Total:</b>		<b>17</b>

**Table 3 – Second Year Fall**

ID	Name	Credits
MATH 221	Calculus III	3
MATH 322	Linear Algebra	3
PHYS 122	Physics II	4
WRIT 102	Research Writing	3
MATH 292	Sophomore Seminar – Math	0
EDUC 261	English Language Proficiency & Instruction	3
<b>Total:</b>		<b>16</b>

**Table 4 – Second Year Spring**

ID	Name	Credits
MATH 222	Calculus IV	2
MATH 306	Differential Equations	3
EDUC 240	Diverse Learner in Secondary Settings	3
LIT 104	Introduction to Literature Or 201, 202, 204, 207, 222, 274, 270	3
CORE II	*Choose one course	3
<b>Total:</b>		<b>14</b>

**Table 5 – Third Year Fall**

ID	Name	Credits
MATH 401	Analysis Or 407 - Algebra	3
MATH 303	Geometry Or 304 - Probability	3
EDUC 333	Reading in the Content Area	3
MATH 215	Introductory Statistics	3
MATH 392	Junior Seminar - Math	0
<b>Total:</b>		<b>12</b>

**Table 6 – Third Year Spring**

ID	Name	Credits
EDUC 429	Middle/Secondary Methods I	3
FNARTXXX	Fine Arts Elective	3
ELEC	Free Elective	3
HIST XXX	History Elective	3
PHIL 105	Introduction to Philosophy	3
<b>Total:</b>		<b>15</b>

**Table 7 – Fourth Year Fall**

ID	Name	Credits
MATH 407	Algebra Or 401 – Analysis	3
MATH 304	Probability Or 303 - Geometry	3
PHIL 219	Education Ethics	3
EDUC 430	Middle/Secondary Methods II	3
ELEC	Free Elective	2
MATH 492	Senior Seminar - Math	1
<b>Total:</b>		<b>15</b>

**Table 8 – Fourth Year Spring**

ID	Name	Credits
EDUC 407	Teacher as Reflective Practitioner	3
EDUC 450	Student Teaching	12
<b>Total:</b>		<b>15</b>

**Notes:** \*ECON 101 – Principles of Economics I; any PLSC 100/200 level, or any SOC 100/200 level  
Six credits of Math and six credits of English are Pennsylvania Department of Education (PDE) program requirements