

**“Sample” Academic Plan for Secondary Education, Mathematics Teaching Option      Spring Semester Student Teaching**  
**Effective May 2012**

- This is only a sample. Almost all individual programs will vary considerably from this sample. Students **MUST** consult with their advisors to plan their programs, when particular MATH courses and MTHED elective courses are offered may vary.

| Semester 1  | Credits | Semester 2  | Credits |
|---|---------|---|---------|
| <b>ENGL 015</b> <sup>s</sup> (GWS) (ETM)  | 3       | <u><a href="#">MATH 141</a></u> (GQ) (ETM)  | 4       |
| <u><a href="#">EDUC 100S</a></u> (FYS)  | 1       | <u><a href="#">MATH 220</a></u> (ETM)   | 2       |
| <u><a href="#">MATH 140</a></u> (GQ) (ETM)  | 4       | <u><a href="#">Literature Selection</a></u> (GH) (ETM)                                      | 3       |
| <u><a href="#">CMPSC 101</a></u> or <u><a href="#">121</a></u> (GQ) (ETM)   | 3       | Science Selection (GN)  | 3       |
| <u><a href="#">PSYCH 100</a></u> (GS) (ETM)   | 3       | <u><a href="#">CAS 100A</a></u> <sup>s</sup> (GWS)  | 3       |
| Arts Selection (GA)   | 3       | Health & Physical Activity (GHA)  | 1.5     |
| Total Credits:  | 17      | Total Credits:  | 16.5    |
| Semester 3  | Credits | Semester 4  | Credits |
| <u><a href="#">MATH 230</a></u> or <u><a href="#">231</a></u> & <u><a href="#">232</a></u> (ETM)                      | 4       | <u><a href="#">HD FS 239</a></u> (GS) or <u><a href="#">PSYCH 412</a></u>                   | 3       |
| <u><a href="#">MATH 311W</a></u>  | 3       | <u><a href="#">MATH 310</a></u>   | 3       |
| <u><a href="#">Science Selection</a></u> (GN)   | 3       | <u><a href="#">MATH 312</a></u>   | 3       |
| <u><a href="#">EDPSY 014</a></u> (ETM)  | 3       | Science Selection (GN)  | 3       |
| <u><a href="#">C I 280</a></u> (IL)   | 3       | <u><a href="#">C I 295</a></u> (ETM)  | 2       |
| Health & Physical Activity (GHA)  | 1.5     | <u><a href="#">EDTHP 400 Level Selection</a></u> (or <u><a href="#">EDTHP 115</a></u> [US]) | 3       |
| NOTE: Completing GA or GH selection in summer could reduce credit load in 4 <sup>th</sup> or 5 <sup>th</sup> semester |         |   |         |
| Total Credits:  | 17.5    | Total Credits:  | 17      |
| Semester 5  | Credits | Semester 6  | Credits |
| Arts Selection (GA)   | 4       | <u><a href="#">SPLED 400</a></u>  | 3       |
| <u><a href="#">ENGL 202A</a></u> or <u><a href="#">B</a></u> (GWS)  | 3       | <u><a href="#">MTHED 411</a></u>  | 3       |
| <u><a href="#">MATH 414</a></u>   | 3       | <u><a href="#">MTHED 427</a></u>  | 3       |
| <u><a href="#">MATH 435</a></u> or <u><a href="#">470</a></u>   | 3       | <u><a href="#">MATH 471</a></u>   | 4       |
| <u><a href="#">MATH 436</a></u> or <u><a href="#">441</a></u>   | 3       | <u><a href="#">MATH</a></u> or <u><a href="#">MTHED 400 Level Selection</a></u>             | 3       |
| Total Credits:  | 16      | Total Credits:  | 16      |
| Semester 7  | Credits | Semester 8  | Credits |
| <u><a href="#">MTHED 412W</a></u>   | 3       | <u><a href="#">C I 495E</a></u>   | 15      |
| <u><a href="#">C I 495C</a></u>   | 3       | No add'l coursework permitted during Student Teaching                                       |         |
| <u><a href="#">SPLED 403B</a></u>   | 3       |   |         |
| <u><a href="#">STAT 401</a></u> or <u><a href="#">MATH 415</a></u> or <u><a href="#">MTHED 431</a></u>                | 4       |   |         |
| <u><a href="#">MATH</a></u> or <u><a href="#">MTHED 400 Level Selection</a></u>                                       | 3       |   |         |
| Total Credits:  | 15      | Total Credits:  | 15      |

- **Bold** type indicates courses requiring a quality grade of C or better.
- ***Italic Bold*** type indicates courses requiring a quality grade of C or better and that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- Must complete at least 3 cr. of United States (US) and 3 cr. of International Cultures (IL).
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirement.
- ETM notes a course is required for entrance to major/certification program.
- Summer study could reduce some of the credit loads above.
- <sup>s</sup>Effective Fall 2012, all incoming Schreyer Honors College freshmen at University Park will take ENGL/CAS 137H in the fall semester and ENGL/CAS 138T in the spring semester. These courses carry GWS designation and replace both ENGL 030 and CAS 100. Each course is 3 credits. At the discretion of the college, ENGL/CAS 138T satisfies the first-year seminar requirement.
- Academic Advising Notes: **The course series listed above is only one of many possible ways to move through this curriculum. Please be sure to also use the curriculum check sheets and degree audits, as well as consult with an adviser about appropriate scheduling sequences, clearances for field experiences and Testing requirements. Advisers also can assist students in identifying coursework offered at Penn State in the SUMMER.**