5.3.5 Secondary Mathematics Teaching Option without Certification

Description: This is essentially the same as the previous option except that instead of taking the Teaching & Learning (TCH_LRN) courses required for certification, you postpone them and plan to get certified through a graduate program such as a Master in Teaching Program or Master of Mathematics with Teaching option. This option allows you to take more electives to broaden your foundation in mathematics, earn a minor, double major, or earn an endorsement in middle school math or science.

Job Market and Salary Information: Currently, the demand for qualified mathematics teachers is very high in secondary and middle schools. Salaries in public schools in the State of Washington for 2014-2015 start at approximately $34,000 for someone with a BS and $40,000 for someone with a master’s degree. Experienced teachers with the highest qualifications are earning salaries of $64,000. Teachers who are Nationally Board Certified earn an additional yearly bonus of $5,090. You can search the website for the Office of the Superintendent for the state you plan to teach in for more information on these issues. In Washington, this information can be found at the Office of the Superintendent of Public Instruction (OSPI) http://www.k12.wa.us.

Suggestions: This option allows you to complete the requirements for a mathematics BS with Secondary Teaching Option without certification and gives students more flexibility. It is ideally suited for those students who are interested in broader teaching goals, such as teaching two subjects or receiving extensive coaching training; earning a middle level math or science endorsement; or simply expanding their mathematical knowledge base. If you decide not to continue with a teaching career, this option is sufficient for many of the career paths that one can follow with a BS in mathematics.

Resource People: Professors S. Cooper, Karunakaran, Knott, and Vincent.

Required Courses: Math 216, 330, 403, 431, the capstone course Math 432, and two additional 3-credit 300-400 level math courses.

Substitutions: Math 402, 420 and Cpt S 121 are not required; Engl 201 (or 301) should be taken instead of Engl 402. Math 320 may be substituted for Math 421. Math 432 is substituted for Math 464 as the capstone course.

Recommended Courses: Four additional courses from the following- Math 302, 325, 340, 351, 364, 415, 420, and 441.

T&L Requirements: Since this option is without certification, there are no T&L requirements.

Some Professional Organizations for Mathematics Teachers:
http://mathcentral.uregina.ca