The minor in Mathematics for Secondary teaching (State Code: EX) consists of a minimum of 24 credits.

Teacher candidates for certification in Math at the Secondary level must pass the Michigan Test for Teacher Certification (MTTC) in Math (Test \#022). MTTC content exams should not be taken until $90 \%$ of course work in the subject area has been completed. A study guide is available at the MTTC website: (http://www.mttc.nesinc.com/PDFs/MI field022 SG.pdf).

The courses below meet State standards and have been selected so that teacher candidates will be well prepared for the test. Knowledge must be demonstrated in the following categories in order to successfully pass the MTTC subject area exam:
(12 credits)

| SUBJECT/ COURSE | TITLE | $\begin{gathered} \text { SEM. } \\ \text { OFFERED } \end{gathered}$ | $\begin{gathered} \text { CR. } \\ \text { HRS. } \end{gathered}$ | $\begin{aligned} & \text { SEM. } \\ & \text { TAKEN } \end{aligned}$ | SUBSTITUTION |
| :---: | :---: | :---: | :---: | :---: | :---: |
| MATH 280 | Bridge to Higher Mathematics | Both | 3 |  |  |
| Prerequisite for MATH 280: Math 132 or High School Statistics |  |  |  |  |  |
| $\begin{gathered} \text { MATH } 311 \\ \hline \end{gathered}$ | Statistical Methods | Spring | 2 |  |  |
| MATH 312 | Applied Statistical Models | Spring | 2 |  |  |
| Prerequisite for MATH 311/312: Math 132 |  |  |  |  |  |

## *SAMPLE* <br> 36 Credit Major and MATH Minor FOR SECONDARY CERTIFICATION <br> 4 year plan

Note:

1. In order to student teach a minimum G.P.A. of 2.75 is required in your major, minor, education classes, and overall.
2. Students earning a Secondary Major must complete field placements in middle and high school, and in both major and minor areas of study.
3. Students earning a Secondary Major must complete field placements in racially/ethnically and socio-economically diverse classrooms.

