| GER Knowledge Domains: |
|---|
| NS: Natural Science |
| AH: Arts and Humanities |
| SS: Social Studies |
| SP: Social and Personal Aware. |
| P: Prerequisite |

Youngstown State University
College of STEM
Curriculum for
**Mathematics (43 SH) BS**
Traditional track[1]
(Fall 2012 and After)

| | |
|---|---|
| Total Degree Hours: | 126 |
| Upper Division Hours: | 50 |
| Hours in Major: | 43 |
| Hours in Minor: | 18 |

| Fall Semester | Gr. | S.H. | Year 1 | Spring Semester | Gr. | S.H. |
|---|---|---|---|---|---|---|
| MATH 1571 | | 4 | | MATH 1572 (P) | | 4 |
| ENGL 1550 | | 3 | | CSIS 2610[2] | | 4 |
| GER domain (AH) | | 3 | | ENGL 1551 | | 3 |
| GER domain (SS) | | 3 | | Foreign Language 2600 | | 4 |
| Foreign Language 1550 | | 4 | | | | |
| | | | | | | |
| | **Total:** | **17** | | | **Total:** | **15** |

| Fall Semester | Gr. | S.H. | Year 2 | Spring Semester | Gr. | S.H. |
|---|---|---|---|---|---|---|
| MATH 2673 (P) | | 4 | | MATH 3720 (P) | | 3 |
| MATH 3715 (P) | | 3 | | STAT 3743 (P) | | 4 |
| Course in the minor | | 3 | | Course in the minor | | 3 |
| GER domain (NS with lab.) | | 4 | | CMST 1545 | | 3 |
| GER domain (AH) | | 3 | | GER domain (SS) | | 3 |
| | | | | | | |
| | **Total:** | **17** | | | **Total:** | **16** |

| Fall Semester | Gr. | S.H. | Year 3 | Spring Semester | Gr. | S.H. |
|---|---|---|---|---|---|---|
| MATH 3721 (P) | | 4 | | MATH 3751 (P) | | 4 |
| MATH 3705, 3760, 5845, or STAT 5843 (P) | | 3 | | MATH 5822 (P) | | 3 |
| Course in the minor | | 3 | | Course in the minor | | 3 |
| GER domain (SP) | | 3 | | GER domain (SP) | | 3 |
| GER domain ( NS) | | 3 | | GER domain (AH, NS, SS, SP)* | | 3 |
| | | | | | | |
| | **Total:** | **16** | | | **Total:** | **16** |

| Fall Semester | Gr. | S.H. | Year 4 | Spring Semester | Gr. | S.H. |
|---|---|---|---|---|---|---|
| MATH 4896 (P) (Capstone) | | 2 | | MATH elective –5800 level (P) | | 3 |
| MATH 5852 (P) | | 3 | | MATH 5880 (P) | | 3 |
| Course in the minor (upper division) | | 3 | | Course in the minor (upper division) | | 3 |
| Elective (upper division) | | 3 | | Elective (upper division) | | 3 |
| Elective (upper division) | | 3 | | Elective | | 3 |
| | | | | | | |
| | **Total:** | **14** | | | **Total:** | **15** |

Important Notes:

- Placement exams in English and Math required before registration of classes. (Foreign Language is optional)
- Engl. 1550 and 1551 must be completed by 62 SH.
- FNLG through level 2600 required unless satisfied through placement exam.
- Classes taken and/or repeated out of sequence will **not** be counted toward graduation. **Check prerequisites!**
- "C" or better is required in the major and minor.
- Residency rule: The last 30 SH must be completed at YSU. This includes at least 16 SH in the major and at least 21 SH in upper division at YSU.
- ***Minimum of two classes in each of AH, NS, SS, SP and one additional class taken from one of these areas.
- Must have at least 124 total hours and at least 48 hours of upper division coursework to graduate.
- Domains may be taken in any order.
- Request for senior evaluation form must be filed by 85 SH.

Revised 2/1/12

1 For information on other available tracks, contact the Department of Mathematics & Statistics.
2 Consult an advisor concerning preparation for this course.