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 (32 SH) BS
Actuarial Mathematics Track[1]
(Fall 2012 and After)

Total Degree Hours:	126
Upper Division Hours:	48
Hours in Major:	34
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
ECON 2610[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[3] (P)		4
GER domain (SP)		3		COMST 1545		3
GER domain (NS with lab.)		4		ACCT 2603 (P) (prerequisite for minor)		3
ACCT 2602 (P) (prerequisite for minor)		3		ECON 2630[3] (P) (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
STAT 5843[3] (P)		3		STAT 5848[3] (P) or ECON 5824[3]		3
Elective		3		STAT 4800 (P), 4888 (P), 5802 (P), or 5844 (P)		3
GER domain (AH)		3		Elective (upper division)		3
FIN 3720[3]		3		GER domain (NS)		3
	Total:	**16**			**Total:**	**16**

Fall Semester	Gr.	S.H.	Year 4	Spring Semester	Gr.	S.H.
MATH 4896 (P) (Capstone)		2		STAT 4800 (P), 4888 (P), 5802 (P), or 5844 (P)		3
STAT 5817 (P)		3		Elective (upper division)		3
GER domain (AH, NS, SS, SP)*		3		Elective (upper division)		3
GER domain (SP)		3		Elective		3
Elective or MATH 3760 (P)		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 hours and at least 48 hours of upper division coursework to graduate.
- Knowledge 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.
3 Course in the minor.