



NAME & DATE \_\_\_\_\_

- I. Complete all Institutional Graduation Requirements (including University Writing Requirement, Diversity Requirement, General Education Requirement, etc) as provided at: <http://www.eou.edu/registrar/> [Student Resources, Forms]
- II. Program Requirements: 60 graded credit hours for a B.A. or 72 graded credit hours for a B.S. as listed below with minimum "C-" or better & minimum 2.00 GPA overall.

LOWER DIVISION CORE: 24 or 28 credit hours

Course #	GEC	COURSE TITLE	Term	Gr
CS 161		Foundations of CS I (4).....	/	_____
CS 162		Foundations of CS II (4).....	/	_____
<i>Required for B.S., but not for B.A.</i>				
MATH 251	SMI	Calculus I (4).....	/	_____
MATH 252	SMI	Calculus II (4).....	/	_____
MATH 253	SMI	Calculus III (4).....	/	_____
MATH 254	SMI	Calculus IV (4).....	/	_____
STAT 243	SMI	Elementary Statistics (4).....	/	_____

UPPER DIVISION CORE: 24 credit hours

Course #	GEC	COURSE TITLE	Term	Gr
MATH 341		Linear Algebra (4).....	/	_____
MATH 382	UWR	Structures of Abstract Math (4).....	/	_____
MATH 311		Advanced Calculus (4).....	/	_____
MATH 344		Modern Algebra I (4).....	/	_____
MATH 407	UWR	Capstone Seminar (4).....	/	_____
<i>Choose one of the following:</i>				
MATH 412		Real Analysis (4).....	/	_____
MATH 445		Modern Algebra II (4).....	/	_____

ELECTIVES: 12 or 20 credit hours

In addition to the courses above, complete 12 credit hours of upper division mathematics courses for a B.A. degree OR 20 credit hours of upper division mathematics courses for a B.S. degree:

Course #	GEC	COURSE TITLE	Term	Gr
.....			/	_____
.....			/	_____
.....			/	_____
.....			/	_____
.....			/	_____
.....			/	_____

\*Note: STAT 352 may be considered a math course for this requirement.

ELECTIVES APPENDIX – ADVISING NOTIFICATIONS

The comments below are advising comments, not requirements.

Students intending to continue into EOU's MAT program and/or pursue a career as a high school mathematics teacher are advised to include the following among their electives:

- MATH 323 UWR (Mathematical Modeling)
- MATH 338 (Modern Geometry)
- MATH 355 (Advanced Discrete Mathematics)
- MATH 361 (Probability and Statistics)

Students interested in graduate studies in mathematics are advised to include the following among their electives:

- MATH 321 (Differential Equations)
- MATH 338 (Modern Geometry)
- MATH 355 (Advanced Discrete Mathematics)

and to include both MATH 412 (Real Analysis) and MATH 445 (Modern Algebra II) among their 400-level courses.

Students interested in a quantitative career in industry (such as an actuary, statistician, or data analyst) are advised to include the following among their electives:

- MATH 323 UWR (Mathematical Modeling)
- MATH 361 (Probability and Statistics)
- MATH 452 (Operations Research)
- MATH 462 (Applied Regression Analysis)
- STAT 352 (Statistics)

ADVISER: \_\_\_\_\_