ECONOMICS and MATHEMATICS (XECMA)
2011/2012 - 2014/2015 Catalogs

STUDENT_____ SID _____ DATE _____

KEY: GRADE@TU	Transfer Evaluation: Final _____ Preliminary _____ Needs to be updated by Admissions:
E = Enrolled N = Need P = Petition T = Transfer	Additional Information from: Student____ / Admissions _____ / Official ____ / Unofficial ____ Pending: Course(s) not posted_____ *If a **Transfer Option is pending or courses are not included on the Transfer Evaluation**, it is the student's responsibility to inform the advisor of **changes** after meeting with Admissions.*

Important: Students are responsible for verifying their degree progress, including fulfillment of the Core requirements and 74-75 major units. The Academic Standards Committee will not consider Core appeals based on misadvising stemming from the use of individual departmental advising sheets.

Core Curriculum Requirements (43-45 units)
Transfer Package:

☐ Granted: Complete core requirements for Package _____

☐ None: Complete the following core requirements:

Category I: FUNDAME NTALS
Taken during the first year of college study

_____ I. Towson Seminar ___TSEM 102_____

_____ 2. English Composition __ENGL 102/190_____

_____ 3. Mathematics _____

_____ 4. Creativity and Creative Development _____

Category II: WAYS OF KNOWING

_____ 5. Arts and Humanities _____
The course meeting this requirement must be taken in a discipline different from the course meeting Requirement 4.

_____ 6. Social and Behavioral Sciences _ECON 201 or ECON 202____

Select either two courses from different scientific disciplines or two sequenced courses within one discipline.

_____ 7. Biological and Physical Sciences (4) _____
             (with laboratory – 4 units)

_____ 8. Biological and Physical Sciences (3/4) _____
             (with or without laboratory – 3 or 4 units)

Category III: WRITING IN A CHOSEN FIELD

_____ 9. Advanced Writing Seminar (ENGL 317 recommended)

Category IV: PERSPECTIVES
- *One course under Perspectives must be taken in a discipline in the arts and humanities, different from the discipline in requirement 5.*
- *One course under Perspectives must be taken in a discipline in the social and behavioral sciences, different from the discipline in requirement 6.*

_____ 10. Metropolitan Perspectives _____

_____ 11. The United States as a Nation _____

_____ 12. Global Perspectives _____

_____ 13. Diversity and Difference _____

_____ 14. Ethical Issues and Perspectives _____

Graduation – Earned Units Required:

Minimum of 120 units: Earned _____ Enrolled _____ Need _____

ECONOMICS and MATHEMATICS COMBINED MAJOR (76-77 units)

A. Required Courses (58 units):
COSC 236 Introduction to Computer Science I	_____
ECON 201 Microeconomic Principles	_____
ECON 202 Macroeconomic Principles	_____
ECON 306 Statistics for Business and Econ II	_____
ECON 309 Intermediate Price Theory	_____
ECON 310 Macroeconomic Theory	_____
ECON 451 Intro. to Mathematical Economics	_____
MATH 265 Elementary Linear Algebra	_____
MATH 267 Intro to Abstract Mathematics	_____
MATH 273 Calculus I	_____
MATH 274 Calculus II	_____
MATH 275 Calculus III	_____
MATH 331 Probability	_____
MATH 332 Mathematical Statistics	_____
MATH 369 Intro to Abstract Algebra	_____
MATH 377 or MATH 439	_____
MATH 490 Senior Seminar in Mathematics	_____

B. Upper-Level Economics Electives (6 units): *2 additional courses to be chosen in Economics*
18. ECON _____ _____
19. ECON _____ _____
Note: Only one (1) Internship in Economics (ECON497) will count towards the major.

C. Upper- Level Mathematics Electives (12-13 units)
Three Courses from the following:
MATH 337 Ap. Regression & Time Series Analysis	_____
MATH 374 Differential Equations	_____
MATH 437 Operations Research	_____
MATH 485 Mathematical Finance	_____
MATH 486 Risk Mngt and Financial Engineering	_____

And one course from the following:
MATH 435 Numerical Analysis I	_____
MATH 451 Graph Theory	_____
MATH 473 Intro to Real Analysis	_____
MATH 475 Complex Analysis	_____

Recommended courses for the Fall/Spring semester:
_____
_____
_____
_____
_____
_____

The name of your advisor is displayed on the Student Center page of the Towson Online Services Web site: **https://inside.towson.edu/psLogin/.**

Please review this form carefully and bring it with you when you meet with your advisor.