

Cleveland State University
Bachelor of Arts Degree
Economics + Mathematics/Statistics Major

| First Year | | | | | | | | |
|---|-----------|-------|--------|---|-----------------------|-----------|--------|------|
| | Credits | Major | Gen Ed | Spring Semester | Credits | Major | Gen Ed | |
| ASC 101 Introduction to University Life | 1 | | INTRO | STA 147 Statistical Concepts with Applications^ | 3 | X | | M/QL |
| ENG 101 College Writing I | 3 | | W/C | MTH 182 Calculus II^ | 4 | X | | M/QL |
| MTH 181 Calculus I^ | 4 | X | M/QL | ECN 202 Principles of Microeconomics | 3 | X | | SS |
| ECN 201 Principles of Macroeconomics | 3 | X | SS | ENG 102 College Writing II | 3 | | | W/C |
| African American Experience Elective | 3 | | DIV | Arts & Humanities Elective | 3 | | | A&H |
| Semester Total | 14 | | | | Semester Total | 16 | | |

| Second Year | | | | | | | | |
|--------------------------------------|-----------|-------|--------|--|-----------------------|-----------|--------|-----|
| | Credits | Major | Gen Ed | Spring Semester | Credits | Major | Gen Ed | |
| ECN 322 Introduction to Econometrics | 3 | X | | MTH 286 Introduction to Differential Equations^ | 3 | X | | |
| MTH 281 Multivariable Calculus^ | 4 | X | | ECN 302 Intermediate Microeconomics | 3 | X | | |
| ECN 301 Intermediate Macroeconomics | 3 | X | | MTH 220 Intro to Discrete Math (if taking MTH496/MTH496H)^ or General Elective | 3 | X | | |
| MTH 288 Linear Algebra^ | 3 | X | | US Diversity Elective | 3 | | | DIV |
| Natural Science Elective | 3 | | NS | Social Science (ALAAME)** | 3 | | | SS |
| Semester Total | 16 | | | | Semester Total | 15 | | |

| Third Year | | | | | | | | |
|-----------------------------------|-----------|-------|--------|--|-----------------------|-----------|--------|-----|
| | Credits | Major | Gen Ed | Spring Semester | Credits | Major | Gen Ed | |
| MTH/STA Elective 300/400 level* | 3 | X | | MTH 396 Junior Seminar (if taking MTH496 or MTH496H) or 300/400 General Elective | 2 | X | | |
| ECN Elective 300/400 level | 3 | X | | ECN Elective 300/400 level | 3 | X | | |
| ECN Elective 300/400 level | 3 | X | | MTH/STA Elective 300/400 level* | 3 | X | | |
| Natural Science Elective with Lab | 4 | | NS | Writing Across the Curriculum Elective | 3 | | | WAC |
| General Elective | 2 | | | Arts & Humanities Elective (ALAAME)** | 3 | | | A&H |
| Semester Total | 15 | | | | Semester Total | 14 | | |

| Fourth Year | | | | | | | | |
|--|-----------|-------|--------|---|-----------------------|-----------|--------|---------------|
| | Credits | Major | Gen Ed | Spring Semester | Credits | Major | Gen Ed | |
| MTH/STA Elective 400 level* | 3 | X | | ECN 428 Applied Economic Analysis or MTH 496 Senior Project | 3 | X | | CAP, WAC/SPAC |
| ECN Elective 300/400 level | 3 | X | | General Elective | 3 | | | |
| General Elective | 3 | | | General Elective | 3 | | | |
| General Elective | 3 | | | General Elective | 3 | | | |
| Writing Across the Curriculum Elective | 3 | | WAC | General Elective | 3 | | | |
| Semester Total | 15 | | | | Semester Total | 15 | | |

Degree Total (as listed in above sample): (120 hours minimum required to earn degree)

Assumptions: This degree map is for students who are immediately eligible for College Writing I and Calculus I; no Foreign Language Deficiency

College/Program Notes:

The plan above is a suggested guide to ensure that all General Education, College, University, and Major requirements are met within 4 years of study. Students may deviate from the suggested placement of Gen Ed courses, although the M/QL and W/C requirements should be completed during the first year of study.

*All 100/200 level MTH/STA classes must be passed with a grade of C or better.

* Three MTH/STA 300/400 level elective courses should be chosen in consultation with a faculty advisor, and must be chosen from the list of MTH/STA electives approved for Economics+Mathematics/Statistics B.A. majors. At least one of these electives must be at the 400-level.

General Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a **minimum of 120 total credit hours**, of which a **minimum of 35 credit hours** must be upper division (300 or 400-level courses). Depending upon elective choices made, students may not need as many electives as indicated above, or may need additional electives.

300/400 MTH and ECN offerings are on annual rotations and consultation with an advisor is highly recommended to plan them accordingly,

University Notes:

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| Gen Ed Key: | SS = Social Sciences (two courses from different departments)** A&H = Arts & Humanities (two courses from different departments)** DIV = Social Diversity (two courses; one US Diversity and one African American Experience) WAC/SPAC = Writing/Speaking Across the Curriculum (3 courses, one in the major; C or better required) CAP = Capstone |
| INTRO = Introduction to University Life (one course) W/C = Writing/Composition (two courses; C or better required) M/QL = Mathematics/Quantitative Literacy (two courses) NS = Natural Sciences (two courses, one of which must have a lab) | ** of the four total SS and A&H courses, one must be focused on Africa, Latin America, Asia, or the Middle East (ALAAME) |

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