

QUANTITATIVE ECONOMICS, MAJOR-LIBERAL ARTS

(Code: 220-200)

University Requirements

GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Core General Education	10 courses, 36 credits

Academic Concentrations (<http://catalog.uwec.edu/undergraduate/graduation-requirements/#header16>)

Grade Point Requirements (<http://catalog.uwec.edu/undergraduate/graduation-requirements/#header14>) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (<http://catalog.uwec.edu/undergraduate/graduation-requirements/#header15>)

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the Universities of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical

College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://www.uwec.sis.wisconsin.edu/psp/eauprd-tb/EMPLOYEE/SA/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

APPLICABILITY OF CREDITS TOWARD GRADUATION

Credit Restrictions

Satisfactory/Unsatisfactory

Total degree credit	maximum 12
Major, Standard	maximum 1 course
Major, Comprehensive	maximum 2 courses
Minor	maximum 1 course

Credit by Examination

Total degree credit	maximum ¼ of total
Major or minor	maximum ½ of total

Two-Year College Credits

Total degree credit	maximum 72 credits
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Activity credit (band, chorus, drama, KINS 100-184)

Total KINS 100-184	maximum 1 credit
Total Band, chorus, drama	maximum 12 credits
Single course band, chorus, drama	maximum 4 credits

Extension credits

UW-System	no maximum
Other extension/correspondence	maximum ¼ of total

USAFI

USAFI	maximum 32 credits
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Core General Education Requirements (CGER)

CGER Categories

Mathematics & Quantitative Reasoning (MQR) (http://catalog.uwec.edu/undergraduate/outcome-mqr/)	4 credit hours, 1 course min
Includes University Math Requirement ¹	
Communication & Literacy (CL) (http://catalog.uwec.edu/undergraduate/outcome-cl/)	8 credit hours, 2 course min (including CL- W)
Includes University Writing Requirement (CL-W) (http://catalog.uwec.edu/undergraduate/outcome-clw/) ²	
Natural Sciences & Wellness (NSW/NSWL) (http://catalog.uwec.edu/undergraduate/outcome-NSW/)	6 credit hours, 1 course min (NSW-Lab required)
Social & Behavioral Sciences (SBS) (https://nextcatalog.uwec.edu/undergraduate/outcome-sbs/)	6 credit hours, 2 course min
Humanities & Arts (HA) (http://catalog.uwec.edu/undergraduate/outcome-ha/)	6 credit hours, 2 course min
Civics & Perspectives (CP) (http://catalog.uwec.edu/undergraduate/outcome-cp/)	6 credit hours, 2 course min
CGER Totals ³	
Credits	minimum 36 credits
Courses	minimum 10 courses

¹ **University Mathematics Requirement:**

Students satisfy the University Mathematics Requirement in one of four ways:

- completing an approved university-level mathematics course (MQR) with a grade of C (not C-) or above
- achieving a suitable score on the UW Math Placement Test (<https://www.uwec.edu/academics/academic-support/advising/testing/placement-testing/>)
- achieving a suitable score on an exam such as the Advanced Placement Calculus or Advanced Placement Statistics exams
- achieving a suitable score on a Credit by Examination administered by the Department of Mathematics.

² **University Writing Requirement:**

Students satisfy the University Writing Requirement in one of four ways:

- completing a Blugold Seminar in Critical Reading and Writing course (WRIT 102 (<https://catalog.uwec.edu/search/?P=WRIT%20102>), WRIT 114 (<https://catalog.uwec.edu/search/?P=WRIT%20114>), WRIT 116 (<https://catalog.uwec.edu/search/?P=WRIT%20116>), WRIT 118 (<https://catalog.uwec.edu/search/?P=WRIT%20118>), or WRIT 120 (<https://catalog.uwec.edu/search/?P=WRIT%20120>)) with a grade of C (not C-) or above
- achieving a suitable score on the English Placement Test (<https://www.uwec.edu/academics/blugold-seminar/writ-courses-placement/>) (WPT ENGL)
- achieving a suitable score on an exam such as the Advanced Placement English Literature and Composition or Advanced Placement English Language and Composition exams
- achieving a suitable score on the University Writing Program Portfolio.

³ **Completion via Placement Tests**

- Writing: If the CL-W subcategory is satisfied through a placement test, the CGER Communication and Literacy requirement will be reduced from 8 credits (2 courses) to 3 credits (1 course).
- Mathematics: If the University Math Requirement is satisfied through a placement test, the CGER Mathematics & Quantitative Reasoning requirement will be considered fully met, replacing the 4-credit (1 course) requirement.
- Students must still complete 36 credits across 10 courses, with any remaining credits or courses eligible to be taken from any CGER category.

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (<http://catalog.uwec.edu/undergraduate/graduation-requirements/>).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs, which include Comprehensive Majors, may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (<http://catalog.uwec.edu/undergraduate/arts-sciences/#academicprogramstext>).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Core General Education Requirements); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); second language competency at the 102 level. Second language competency may be met in one of two ways: (1) Demonstrate a level of second language competency that qualifies the student to enter the 201-level course in a second language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level second language course (or AIS 112 or AIS 122 or SLHS 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Core General Education Requirements); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways:

- (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114.
- (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113.
- (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

(Code: 220-200)

Code	Title	Credits
Thirty-six semester credits in economics and supporting courses, including:		
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3
ECON 316	Econometrics	3
MATH 246	Elementary Statistics	4
Remaining credits in Economics electives		
Students may count a maximum of three courses from the following:		
ACCT 201	Introduction to Accounting	
ECON 222	Introduction to Game Theory	
ECON 250	Sports Economics	
ECON 268	Environmental Economics	
ECON 280	Health Economics	
ECON 390	Global Economics Immersion Experience	

A student may substitute MATH 347 for MATH 246 in the major.

NOTE 1: MATH 111 or MATH 114 or their equivalent must be completed. Credits will not count toward the major.

NOTE 2: A maximum of six credits earned in ECON 399, ECON 494, ECON 495, ECON 496, ECON 498, and/or ECON 499 may count toward the major.

Note 3: Students pursuing the Economics major and the Sport Management certificate to meet graduation requirements for completing a first and second degree program must earn a minimum of 48 unique credits between the major and the certificate.

Program Learning Outcomes

Students completing this program will be expected to meet the following learning outcomes:

- Use economic models (including supply and demand, models of the behavior of competitive and monopolistic firms, consumer optimization models, and macroeconomic models such as the Solow growth model, AS/AD model, and IS/LM model) to analyze economic behavior, social issues, and policy problems.
- Assemble and analyze economic data to test economic hypotheses.
- Effectively present their economic reasoning in concise written statements, extended research papers, or oral presentations.

- Describe and explain the wide differences in economic outcomes by race, gender, and across countries.

Quantitative Economics, Major - Liberal Arts, B.A. or B.S.

The following is a sample degree plan, based on the current catalog. It is based on the 120-credit graduation requirement and assumes no transferred credits, no requirements waived by placement tests, no courses taken in the summer or winter, no repeated courses, and no remedial courses that may be required. This sample degree plan is intended for first-year students entering UW-Eau Claire in the fall semester. Your own degree plan may differ depending on the course of study selected (second major, minor, etc.). UW-Eau Claire cannot guarantee all courses will be offered as shown, but will provide a range of courses that may enable prepared students to fulfill their requirements in a timely period. This sample degree plan is just a guide. Please consult your advisor, your degree audit, and the catalog to create your own degree plan. *Note:* In order to earn the required minimum of 120 credits for the degree in four years, you should plan to take 15 credits each semester or 30 credits each year.

To earn a degree, students must fulfill all University Graduation Requirements, including the Core General Education Requirements (CGER). CGER course work in the following sample degree plan uses abbreviations such as CGER CL, CGER HA, and CGER NSWL to represent the learning outcomes students will meet via completion of the course. Please click here (<http://catalog.uwec.edu/undergraduate/graduation-requirements/>) for a description of the outcomes and requirements.

Students in this major have the option to pursue either a Bachelor of Arts (B.A.) or a Bachelor of Science (B.S.) degree. The degrees are distinguished by second language competency for the B.A. and a higher level of mathematics competency for the B.S.

FIRST YEAR

FIRST SEMESTER		
MATH 109	Algebra for Calculus (CGER MQR)	4
101-level Second Language (CGER CL) - BA Requirement		4

SECOND SEMESTER		
MATH 111	A Short Course in Calculus ¹	4
102-level Second Language (CGER CL) - BA Requirement		4

SOME TIME IN THE FIRST YEAR		
ECON 103	Principles of Microeconomics (CGER SBS)	3
ECON 104	Principles of Macroeconomics (CGER SBS)	3
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing (CGER CL, 5 Credits)	5

OR		
WRIT 116	Blugold Seminar in Critical Reading and Writing (CGER CL, 5 Credits)	

OR		
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing (CGER CL, 2 Credits)	

TOTAL FIRST YEAR		24-27
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SECOND YEAR		
FIRST SEMESTER		
MATH 246	Elementary Statistics (CGER MQR)	4

SECOND SEMESTER		
ECON 316	Econometrics	3
SOME TIME IN THE SECOND YEAR		
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3
SOME TIME IN THE FIRST OR SECOND YEAR		
CGER Option: Natural Sciences & Wellness (NSW)		3
CGER Option: Humanities & Arts (HA)		3
CGER Option: Humanities & Arts (HA)		3
CGER Option: Humanities & Arts (HA)		3
CGER Option: Civics & Perspectives (CP)		3
CGER Option: Civics & Perspectives (CP)		3
Minor Course		3
TOTAL SECOND YEAR		34
THIRD YEAR		
SOME TIME IN THE THIRD YEAR		
ECON 300-level Elective Course - ECON 318 recommended		3
ECON 300-level Elective Course		3
ECON 300-level Elective Course		3
CGER Option: Civics & Perspectives (CP)		3
Minor Course		3
Minor Course		3
Minor Course		3
Minor Course		3
Elective		3
Elective		3
TOTAL THIRD YEAR		30
FOURTH YEAR		
FIRST SEMESTER		
ECON 311	History of Economic Thought (CGER SBS)	3
OR		
ECON 498	Professional Internship	
SOME TIME IN THE FOURTH YEAR		
ECON 300 or 400-level Elective Course		3
ECON 300 or 400-level Elective Course		3
CGER Option: Natural Sciences & Wellness with Lab (NSWL)		4
CGER Option: Civics & Perspectives (CP)		3
Minor Course		3
Minor Course		3
Minor Course		3
Elective Credits to reach 120		1-4
TOTAL FOURTH YEAR		29

Minimum total for the baccalaureate degree = 120 credits

¹ Students who are considering graduate school in Economics are strongly encouraged to take additional math courses. Students with grad school aspirations should take MATH 114.

RECOMMENDATIONS FOR HIGH IMPACT PRACTICES (HIPs)

The University of Wisconsin-Eau Claire encourages all students to participate in High Impact Practices. The following information identifies any specific recommendations that faculty in this major have concerning which HIPs

might be most beneficial to students, and any recommendations about when those HIPs best fit into the degree plan. Students should also consult their faculty advisor for information on HIPs. There are many additional high impact opportunities available. Talk to your academic advisor for more information about incorporating HIPs like Study Abroad, Intercultural Immersion, Internship, and/or Student/Faculty Collaborative Research into your time at UW-Eau Claire.

The Department of Economics is highly active in the following areas. Please consult with the department chair to see how you might get more involved.

- Faculty/Student Research – over 40 researchers in economics every year. Students present at conferences regionally, nationally, and internationally, as well as co-author papers.
- International Immersions – At least 2 international immersion experiences available annually within the department of economics.
- Internships – Active class led internship program (ECON 498).

Core General Education Requirements (CGER)

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The Core General Education Requirements (CGER) includes a minimum of 10 courses across 6 categories. Students must complete a minimum of 36 credits in courses approved for the CGER Core.

- Mathematics & Quantitative Reasoning (MQR) - 4 credits, one course minimum
 - Includes the University Mathematics Requirement¹
- Communication & Literacy (CL) - 8 credits, two courses minimum
 - Includes the University Writing Requirement (CL-W)²
- Natural Sciences & Wellness (NSW/NSWL) - 6 credits, one course minimum (NSW-Lab required)
- Social & Behavioral Sciences (SBS) - 6 credits, two courses minimum
- Humanities & Arts (HA) - 6 credits, two courses minimum
- Civics & Perspectives (CP) - 6 credits, two courses minimum

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- achieving a suitable score on the English Placement Test (<https://www.uwec.edu/academics/blugold-seminar/writ-courses-placement/>) (WPT ENGL)

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