UW-College to UW-Green Bay Transfer Guide

MATHEMATICS MAJOR

Applying to UWGB:
Due to enrollment limits established for UW-Green Bay, students are strongly encouraged to make early application. Apply online at: apply.wisconsin.edu. Applications for admission may be submitted beginning September 1 for the following summer or fall (August 1 for spring semester).

Applying to the Major:
There is no formal application process for the Mathematics major or minor. Students majoring in Mathematics are required to complete an Interdisciplinary minor. See Undergraduate Catalog for more information.

Filing an academic plan for the major/minor:
All students are required to officially file the “Declaration of Degree Form” by the time 45 credits are earned. New transfer students entering UWGB with 45 or more credits (determined by number of credits awarded through credit evaluation) are required to file the plan during the first semester of enrollment at UWGB. Contact a UWGB advisor for more information.

Non-Course Requirements for Admission to Major
None

Course Requirements for Admission
None

Course Requirements for Admission to Major not in UW College Curriculum
None

MAJOR COURSES AVAILABLE AT UW COLLEGES
http://www.uwgb.edu/mathematics/

<table>
<thead>
<tr>
<th></th>
<th>UW-Green Bay</th>
<th>UW-Colleges</th>
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<tbody>
<tr>
<td><strong>Mathematics Emphasis</strong></td>
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<tr>
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<td>MAT 221</td>
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<tr>
<td><strong>UPPER-LEVEL COURSES</strong></td>
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<tr>
<td>MATH 305</td>
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<td>MAT 271</td>
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This transfer guide is advisory in nature and subject to change. You should always consult with an academic advisor for the most accurate information.
GENERAL EDUCATION PROGRAM

- UW College Associate (AAS) Degree satisfies all General Education Requirements
- General Education Requirements below apply to all UWGB majors
- UWGB will honor the General Education designations of the UW Colleges. If a course is not being used appropriately, please contact Advising at 920 465-5105.
- A course may only be used to satisfy ONE requirement - e.g. CTA 150 will apply to either Fine Arts or Humanities, not both.

Math/English Competency Requirements

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<thead>
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</tr>
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<td><strong>English Competency</strong></td>
<td>ENG COMP 100</td>
<td>ENG 101</td>
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<td>OR</td>
<td>ACT English Score of 25-31</td>
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<tr>
<td><strong>Mathematics Competency</strong></td>
<td>MATH 094</td>
<td>MAT 091</td>
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<td>OR</td>
<td>WMPT placement of Math 101 or higher</td>
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**First Year Seminar: 3 Credits**

This class provides an “on ramp” to the university and its interdisciplinary mission. It is a content-based class that incorporates communication skills (written and oral) as part of the learning pedagogy. While the content of these courses will vary, they must all address at an introductory level:
- Interdisciplinarity
- Communication
- Information Literacy

A first year seminar is not required for a student who transfers to UWGB with 15 or more credits, we will use three credits of other transfer Liberal Arts courses to satisfy this requirement.

**Capstone Experience: 3 Credits**

This could be either a classroom seminar experience or another integrative/culminating experience such as an internship/field experience/honors project that again addresses the campus’ interdisciplinary perspective and also has a problem focus. By its very nature, the experience will also have an important communication element.

The Capstone experience will be completed at UWGB.
## FINE ARTS REQUIREMENT: 3 CREDITS

Must complete a minimum of 3 credits by taking one or more courses of the following:

**Learning Outcomes:**
- Demonstrate technical skills and knowledge necessary to create or perform artistic functions, or understand the historical and cultural sources of an art form.
- Develop historical, stylistic and cultural and aesthetic knowledge necessary to create art or performance in diverse styles within the genre of the course or demonstrate knowledge of terminology and techniques used in an art form to be conversant about such issues.
- Synthesize skills and contextual knowledge in performance/creation of artistic works and knowledge of societal influences on art, or demonstrate knowledge of art as an agent of cultural expression and societal change and to use appropriate methods to evaluate quality of an art form.

**UW COLLEGES COURSES THAT WILL SATISFY THE FINE ARTS REQUIREMENT:**
- ART - any course
- CTA 130
- CTA 131
- CTA 150
- CTA 232
- CTA 234
- CTA 349
- MUS - any course

## HUMANITIES REQUIREMENT: 6 CREDITS

Must complete 6 credits; 2 courses with DIFFERENT prefixes

**Learning Outcomes:**
- Describe the humanities unique ways of understanding major events and movements in Western and world civilization.
- Critically examine a range of literacy, philosophical, and other cultural texts produced by those movements.
- Articulate individual and social values within the culture and the implications of decisions made on the basis of those values.
- Analyze and produce complex forms of expression.

**UW COLLEGES COURSES THAT WILL SATISFY THE HUMANITIES REQUIREMENT:**
### Social Sciences Requirement: 6 Credits

**Must complete 6 credits; 2 courses with DIFFERENT prefixes**

**Learning Outcomes:**
- Explain how social scientists practice critical thinking
- Demonstrate the ability to address problems using tools and methods exemplary of the social science
- Demonstrate an understanding of appropriate content in two different social sciences

**UW Colleges Courses That Will Satisfy the Social Sciences Requirement:**

### Biological Sciences: 3 Credits

**Complete one course.**

**Learning Outcomes:**
- Explain central principles and theories of biological sciences
- Describe the inquiry process through which the sciences approach the development of understanding of the physical world.

**UW Colleges Courses That Will Satisfy the Biological Sciences Requirement:**
- ANT 105, ANT 303, BIO 101, BIO 141, BIO 161, BIO 162, BIO 163, BIO 171, BIO 180, BIO 182, BIO 184, BIO 186, BIO 196, BIO 211, BIO 240, BIO 260, BIO 277, BIO 280, BIO 281, BIO 282, BIO 285, BIO 286, PSY 254

### Natural Sciences: 3-5 Credits

**Complete one course.**

**Learning Outcomes:**
- Explain central principles and theories of physical sciences
- Describe the inquiry process through which the sciences approach the development of understanding of the physical world.

**UW Colleges Courses That Will Satisfy the Natural and Physical Sciences Requirement:**
- AST 100, AST 101, AST 105, AST 106, AST 200, BIO 190, BIO 191, BIO 201, BIO 291, CHE 121, CHE 123, CHE 124, CHE 125, CHE 145, CHE 155, CHE 165, CHE 203, CHE 204, CHE 214, CHE 250, CHE 343, CHE 351, CHE 352, CHE 361, CHE 363, CHE 104, GEO 102, GEO 106, GEO 120, GEO 123, GEO 124, GEO 125, GEO 130, GLG 100, GLG 101, GLG 102, GLG 104, GLG 107, GLG 135, GLG 169, GLG 170, GLG 180, GLG 251, GLG 309, GLG 343, MLG 100, PHY 107, PHY 110, PHY 120, PHY 141, PHY 201, PHY 205.
# Perspectives Requirement: 9 credits

## ETHNIC STUDIES: 3 CREDITS

**Learning Outcomes:**

Within the context of the United States:
- Identify ethnic, racial, and cultural contrasts and similarities.
- Describe ethnic/racial relations from multiple perspectives.
- Articulate causes and effects of stereotyping and racism.

**UW COLLEGES COURSES THAT WILL SATISFY THE ETHNIC STUDIES REQUIREMENT:**


## GLOBAL STUDIES: 3 CREDITS

**Learning Outcomes:**

- Demonstrate an understanding of individual and cultural differences outside the United States.
- Explore issues that cross geographic, political, economic and/or socio-cultural boundaries outside the United States.
- Engage in informed judgments about global issues and problems as a socially responsible citizen.

**UW COLLEGES COURSES THAT WILL SATISFY THE GLOBAL STUDIES REQUIREMENT:**

- ANT 204, ANT 304, CHI 205, CHI 235, FRE 205, FRE 206 & 207, FRE 225, FRE 276, FRE 277, GEO 385, GER 205, GER 206 & 207, GER 225, GER 226, GER 276, GER 277, HIS 222, HIS 253, HIS 275, PHI 201, POL 175, SOC 205.

## SUSTAINABILITY: 3 CREDITS

**Learning Outcomes:**

- Think critically regarding the array and implications of alternative sustainability definitions.
- Discuss sustainability within the context of ethical decision-making on earth.
- Describe why actions to achieve sustainability are complex and contentious.
- Express how failure to achieve sustainability has implications for human survival and planetary life quality over time.
- Engage in informed judgments about sustainability and problems as socially responsible citizens.

**UW COLLEGES COURSES THAT WILL SATISFY THE SUSTAINABILITY REQUIREMENT:**

- ANT 320, BIO 184, BIO 186, BIO 190, BIO 191, ECO 342, GEO 130, GEO 170, GEO 277, GEO 300, GEO 350, GEO 385, GLG 135, GLG 169, GLG 170, PHI 237, PHY 115, SOC 205.
## Quantitative Competency

### Quantitative Competency: 3 Credits

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<th>Learning Outcomes:</th>
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<td>• Demonstrate competence in performing quantitative operations.</td>
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<tr>
<td>• Communicate and validate quantitative information based on various contexts.</td>
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<td>• Apply analytical concepts and operations to aid in problem-solving, decision-making, and other real-world problems.</td>
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<td>• Interpret models such as formulas, graphs, tables, or schematics, and draw inferences from them.</td>
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<tr>
<td>UW Colleges Courses that will satisfy the Quantitative Competency Requirement:</td>
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<tr>
<td>BUS 201, CHE 145, ECO 204, ECO 243, MAT 221, MAT 222, PHI 210, PHY 107, PHY 201 CTA 234.</td>
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## Writing Emphasis Requirement

All students must complete four writing emphasis courses. At least two of these courses must be at the upper level. Courses taken to fulfill the Writing Emphasis may also be used, simultaneously, to fulfill any other requirements, including general education breadth requirements, major and minor requirements. A UW Colleges Associate degree fulfills two lower level writing emphasis courses.

## Contact Information

**Mathematics**  
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**General Education**  
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