

# Environmental Studies, BA

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**Director: Stefan Schnitzer, Ph.D.**

The major and minor offer interdisciplinary studies on issues related to the environment. Students take core and elective courses that address the environment from a wide range of fields, including anthropology, biology and ecology, chemistry and physics, economics, history, political science, sociology, theology and ethics. The major is ideal for students who intend to pursue a career that focuses on the environment (e.g., environmental management, restoration, mitigation, consulting, policy, economics), or who intend to pursue graduate or professional school in environmental science, law, business, policy, economics, philosophy, theology or ethics.

The specific learning outcomes for graduates of the Environmental Studies major are to:

- understand the basic organization of ecosystems and their response to environmental factors
- quantitatively analyze scientific and economic data related to the environment
- have a fundamental understanding of the social, economic, political and historical components that influence the decision-making process with respect to the environment
- understand philosophical and ethical aspects of environmental issues
- gain practical experience working on environmental issues via internships
- understand and synthesize the study of the environment from the perspective of multiple disciplines

## Degree Requirements

The College of Arts and Sciences curricular requirements are organized around these essential components:

- The development of fundamental skills of critical inquiry, analysis and expression.
- The development of appreciation for the spiritual and creative dimensions of human life and culture.
- The development of a responsible commitment to the broader social and political communities in which we live.

The college challenges students to embrace, seek to understand and engage actively in the complexities of the world in which we live. Courses in the Marquette Core Curriculum (MCC), drawn from the different disciplines within the humanities, natural sciences and social sciences, provide multiple perspectives and methods of inquiry. The MCC serves as the foundation for the intellectual growth of our students as they pursue their majors and professional disciplines, and as they develop into men and women who dedicate their lives to the service of others.

Courses in the majors provide in depth knowledge and skills concerning a particular area of study. The college offers a wide variety of discipline-based majors in the Humanities (English, History, Philosophy, Theology and Languages, Literatures and Cultures); in the Social Sciences (Anthropology, Criminology and Law, Economics, Political Science, Psychology, Sociology and Social Welfare and Justice); and in the Sciences (Biology, Chemistry, Physics, Math, Statistics and Computer Science). In addition, a wide range of majors and minors are offered in interdisciplinary areas of study including Africana Studies, Bioinformatics, Cognitive Science and Gender and Sexualities Studies, among others.

The combination of courses required by the Marquette Core Curriculum and individual majors in the College of Arts and Sciences ensures that students are educated both broadly and deeply, in keeping with long-standing Jesuit educational ideals and principles.

## First-Year Seminar

Students are required to complete ARSC 1953 Exploring Arts and Sciences during the fall term of their first year at Marquette. Students in the Honors Program are exempt from this requirement. Advanced standing transfer students who have completed a similar course at another institution may ask the college to waive the requirement.

## Second Language Requirement

The Klingler College of Arts and Sciences requires knowledge of a language other than English for the bachelor of arts degree. This ensures that students are able to succeed in an increasingly globalized and rapidly changing world. The study of languages is the starting point for exploration and understanding of diverse cultures and traditions. Contacts between cultures happen in our own lives every day, and more often than ever before: knowing a second language is essential for being part of a global society. Our language programs in American Sign Language, Arabic, Chinese, French, German, Italian and Spanish prepare students to interact effectively and engage other people and cultures in the most human way possible. Students of Classical languages encounter Greek and Roman civilization as something that is very much a living part of our culture today (philosophy, theater, poetry, medicine, politics and much more).

Proficiency in a language other than English enables students to:

- Converse with ease and confidence when dealing with most routine tasks and social situations.
- Handle successfully many uncomplicated tasks and social situations related to work, school, recreation and personal interests.

- Begin to narrate and describe in the past, present and future time frames.
- Begin to describe how culture shapes and sustains identity, society and tradition.

## Assessment and Demonstration of Proficiency

Students are required to demonstrate proficiency in a second language at the intermediate level (usually requiring 0-15 credits of course work, depending on the student's proficiency upon entering the university), according to the standard of the American Council for the Teaching of Foreign Languages. Upon entering the university, students with previous study of a second language are assessed using a placement test. Those earning a score at the intermediate level are considered to have satisfied the second language requirement. Those who do not achieve proficiency through the test satisfy the requirement as follows:

Students studying **French, German or Spanish** typically complete courses 1003, and 2001 (or 2003), or 2001 (or 2003) only, depending on their language and score. True beginners should complete courses 1001 and 1002 instead of course 1003 where the option is available.

Students studying **American Sign Language, Arabic, Chinese, Greek, Latin or Italian** complete courses 1001 and 1002.

**Note:** The Marquette Core Curriculum does not have a second language requirement.

**Note:** The College of Arts and Sciences bachelor of science degree does not have a second language requirement.

## Bulletin Year and Degree Audit

Undergraduate students must meet the graduation requirements that are outlined in the Undergraduate Bulletin in effect the year in which they enter Marquette. Substitutions or waivers for specific courses that are required for degree completion may occur, as determined by the Klingler College of Arts and Sciences.

Students who interrupt their enrollment from the university follow the degree requirements from the bulletin in effect during the academic year of their readmission. In rare cases, the college may determine that readmitted students fall under a different set of degree requirements than the academic year in which they are readmitted. Policies and regulations in effect at the time of return apply to all students, regardless of the term of initial enrollment.

It is the responsibility of students to know and fulfill the requirements for graduation specified for the selected plan. Students are encouraged to use the Academic Advisement degree audit system, which is accessed via their Student Center and tracks courses that have been completed, as well as the Marquette Core Curriculum, college curricular requirements and major/minor requirements toward degree completion.

## Grade Point

- Earn a minimum grade point average of 2.000 for graduation.
- Achieve a 2.000 grade point average in all courses in the major or minor.

## Credit Hours

- Complete a minimum of 42 credit hours in upper-division courses, ten of these credits may be non-Marquette credits (lower-division courses are numbered 1000 to 2999; upper-division courses are numbered 3000 and above).

## Other Requirements for Graduation

- Complete the formal online application for graduation available in the CheckMarq Student Center (<https://checkmarq.mu.edu/>), by the specific term deadlines for application, as published in the Academic Calendar (<https://bulletin.marquette.edu/undergrad/academiccalendar/>).
- The college adheres to the University Commencement Policy (<https://bulletin.marquette.edu/policies/commencement/>).

Although most students can fulfill the Marquette Core Curriculum requirements, the college curricular requirements, their major requirements and elective courses without exceeding 120 credits, certain combinations of major and minor fields may require more than the minimum. Students are urged, therefore, to consult an adviser before selecting a major and any additional majors or minors.

*It is the responsibility of students to know and to fulfill all university, Klingler College of Arts and Sciences and major department requirements (See the corresponding sections of this bulletin for additional information regarding the Marquette Core Curriculum, university graduation and residency requirements, college curricular requirements and department major and minor requirements).*

## University Graduation Requirement

### Undergraduate Graduation Policy

Students are required to graduate at the end of the term in which all degree requirements are completed. Degree requirements are those requirements, including university, college and all other requirements necessary to earn a minimum of one undergraduate degree and any declared degrees/majors/minors/concentrations. That is, additional degrees/majors/minors/concentrations may be earned; however, they must be completed in the same term as the first degree/primary major is completed. Except in the case of readmission, undergraduate students must meet the graduation requirements which

are stated in the Undergraduate Bulletin issued for the year in which they entered Marquette. Substitutions or waivers for specific courses required for degree completion may occur, as determined by the college and/or the Marquette Core Curriculum committee.

Students who have interrupted their enrollment from the university, are normally obliged to follow the degree/major/minor/concentration requirements in effect at the time of readmission. Policies that are in effect at the time of the return, apply to all students, regardless of the term of initial enrollment. Students are responsible for keeping themselves informed of the requirements which apply in their particular cases. Students have faculty advisers available who assist in planning and implementing their plan of studies; however, it is ultimately each student's responsibility to know and fulfill the requirements for graduation specified for the selected plan. This should be done not only by utilization of specific advisers, but also with Academic Advisement, the university's online degree audit tool on CheckMarq provided to all undergraduates. With Academic Advisement, students track their degree progress until graduation. It is the responsibility of students to immediately bring any discrepancies found in Academic Advisement to the attention of their college.

A candidate for a baccalaureate degree must meet the following graduation requirements:

1. In all undergraduate colleges and programs, a minimum of 120 credits earned and a cumulative grade point average of 2.000 is required for a Marquette undergraduate degree.
2. Credits required to be completed in residence at Marquette:
  - a. A minimum of 45 total credits must be completed at Marquette. Up to 15 of the 45 credits may be completed through an approved study abroad program.
  - b. A minimum of 32 upper-division credits must be completed at Marquette. This may include upper-division credits from an approved study abroad program.
  - c. The final 30 credits needed to complete a Marquette undergraduate degree must be completed at Marquette, unless those credits are earned in an approved study abroad program, or are earned as part of a written/contractual agreement with another institution, in which Marquette students participate during the final year of their degree program.
  - d. A minimum of one-half of credits in the major, minor, and concentration not attached to a major must be completed at Marquette.
3. Students must attend all courses, lectures, or any other exercises that are required, even though, in some cases such activities receive no recognition in terms of credit hours.
4. Students' records must be cleared of all grades that are not permanent, i.e., grades of I, IC, IE and NG.
5. Students must file the online application for a degree by the deadline published in the Academic Calendar (<https://www.marquette.edu/central/registrar/calendars-exams-schedules.php>); however, because students are required to graduate at the end of the term in which all university, degree requirements are complete, the university reserves the right to graduate a student without a graduation application on file. If the university exercises this option, there is no guarantee students will be able to participate in Commencement.
6. Commencement is held in May, after the spring term. Participation in Commencement does not mean students are graduated. See the Commencement Policy (<https://bulletin.marquette.edu/policies/commencement/>) in this section for further details.
7. Exceptions to this Graduation Requirements policy must be approved by the Office of the Provost, except:
  - the course and bulletin year exceptions listed in the 'Graduation Requirements' section above (as approved by the college)
  - number 3 above (as approved by the college)
  - the dean's office in the college where the student's program resides may exempt up to 6 of the final 30 credits from being completed in residence (number 2c above)

For additional college requirements, consult the Degree Requirements listed for each undergraduate program in this bulletin.

**Special Note for 2023-2024:** Students who attended Cardinal Stritch University in a bachelor's degree program during the 2022-2023 year and directly transfer to a bachelor's degree program at Marquette University in Fall 2023 or Spring 2024 with fewer than 45 credits remaining in their Marquette program are exempted from the standard Marquette residency requirement (items 2-6 listed above). In lieu of the standard residency requirement, exempted students must complete all remaining credits for their undergraduate degree at Marquette. Exempted students are expected to remain continuously enrolled (fall and spring terms) at Marquette until the completion of their bachelor's degree.

## Graduation Latin Honors

The grade point average is used to compute graduation Latin honors. The computation is made by dividing the total number of grade points earned at Marquette University by the total number of grade point hours earned. The official Marquette GPA of all students is calculated by the student information system and this GPA is not rounded up or down for any reason. To graduate with Latin honors, candidates must be pursuing their first bachelor's degree, earned at least 60 grade point hours and 60 degree hours at Marquette University, normally as a junior and senior. First bachelor's degree is defined as the first bachelor's degree earned from any institution. When students earn a concurrent additional bachelor's degree (i.e., finish in the same term as the first bachelor's degree), the additional degree is also eligible for Graduation Latin Honors, if the first bachelor's degree qualifies.

Graduates whose grade point average is 3.500, graduate with cum laude (Latin for 'with honor'); graduates whose grade point average is 3.700, graduate with magna cum laude (Latin for 'with great honor'); and graduates whose grade point average is 3.900, graduate with summa cum laude (Latin for 'with highest honor'). Graduation Latin honors are recorded on diplomas, noted in the published lists of graduates at Commencement and recorded on students' transcript.

## Graduation Record

The academic record of students is frozen once the degree is posted and may not be altered thereafter, unless required to do so by law and/or a documented university error is discovered after the degree is posted. This includes, but is not limited to: all relevant grade point averages, grades, additional information relating to the degree(s), major(s), minor(s), concentration(s), Latin Honors and academic censure.

## Marquette Core Curriculum (MCC) - 30 Credits

### Foundation Tier - 15 Credits

Code	Title	Hours
ENGL 1001 or HOPR 1955H	Foundations in Rhetoric Core Honors First-Year Seminar	
PHIL 1001 or PHIL 1001H	Foundations in Philosophy Honors Foundations in Philosophy	
THEO 1001 or THEO 1001H	Foundations in Theology: Finding God in all Things Honors Foundations in Theology: Finding God in all Things	
CORE 1929 or CORE 1929H	Foundations in Methods of Inquiry Honors Foundations in Methods of Inquiry	
	Engaging Social Systems and Values 1 (ESSV1)	

### Engaging Social Systems and Values 1 (ESSV 1) Course Options

Some faculty-led study abroad courses have also been approved for ESSV1, consult the MCC website (<https://www.marquette.edu/core-curriculum/mcc-study-abroad.php>) for a complete list.

Code	Title	Hours
ANTH 1001	Being Human	3
EDUC 1001	Child and Adolescent Development and Learning	3
ENGL 2020	Texts, Social Systems and Values	3
ENGL 2030	Global Literatures	3
HEAL 1025	Culture and Health <sup>1</sup>	3
HIST 1101	Introduction to American History	3
HIST 1601	Difference and Democracy	3
HIST 1701	Engaging the World	3
HOPR 2956H	Honors Engaging Social Systems and Values 1: Engaging the City	3
INGS 1001	Introduction to Gender and Sexualities Studies	3
SOCI 1001	Principles of Sociology	3
SOWJ 1001	Introduction to Social Welfare and Justice	3
SPAN 3300	Peoples and Cultures of Spain	3
SPAN 3310	Peoples and Cultures of Latin America	3

<sup>1</sup> Honors (H) designation of same course number also fulfills MCC requirement.

### Discovery Tier - 12 Credits

Students must complete **four** Discovery Tier courses, all from the **same** Discovery Theme. These four courses must include one course from each of the three content areas (Humanities, Natural Science and Mathematics, and Social Science), and one elective (an additional course from any of the three content areas). A maximum of two courses in the Discovery Tier can be applied toward a primary major. Additional dual counting may be allowed towards college-level requirements.

Students declare their Discovery Theme using the Discovery Tier Declaration Form (<https://www.marquette.edu/central/registrar/how-do-i-declare-change-mcc-discovery-tier-theme.php>) in CheckMarq.

For students who participate in a full-time (12 credits or more) Marquette-approved study abroad program, one study abroad course (minimum 2.5 transfer credits awarded) may fulfill the elective requirement of the Discovery Tier. Any additional MCC requirements may be fulfilled only when the approved transfer equivalent is an exact match to a specific MCC course.

## Discovery Themes

The five discovery theme options are listed below. See additional information and course listings (<https://bulletin.marquette.edu/resources-opportunities/marquette-core-curriculum/#discoverythemestext>).

- Basic Needs and Justice
- Cognition, Memory and Intelligence
- Crossing Boundaries: The Movement of People, Goods and Ideas
- Expanding Our Horizons
- Individuals and Communities

## Culminating Course - 3 Credits

Code	Title	Hours
CORE 4929	The Service of Faith and Promotion of Justice	
or CORE 4929H	Honors Service of Faith and Promotion of Justice	

## ENGAGING SOCIAL SYSTEMS AND VALUES 2 (ESSV2) - ONE COURSE or Experience Required

Students must complete a course or approved experience that is designated "ESSV2." This requirement can be completed via one of the four Discovery Tier courses or through other degree requirements.

Some faculty-led study abroad courses have also been approved for ESSV2, consult the MCC website (<https://www.marquette.edu/core-curriculum/mcc-study-abroad.php>) for a complete list.

Code	Title	Hours
ADPR 4750	Strategic Communication in a Culturally Diverse Marketplace	3
ADVE 3986	Internship in Advertising	3
ANTH 3100	Urban Anthropology	3
ANTH 3986	Internship in Anthropology	3
ANTH 4986	Advanced Internship in Anthropology	3
ARBC 3200	Culture and Civilization of the Middle East (WRIT)	3
ARBC 3220	Arab and Muslim Women in the United States (WRIT)	3
ARSC 4953	Seminar In Urban Social Issues	3
BISC 3929	Reflective Analysis of Global Dental Brigade	0
BISC 4460	Practical Cases in Medicine	3
BULA 4001	Business Law for Accounting	3
CCOM 4986	Corporate Communication Internship	0-3
CHNS 3215	Chinese Cuisine and Culture	3
CMST 3120	Interpersonal Communication	3
CMST 4986	Internship in Communication Studies	0-3
CNEN 3860	Construction Materials and Methods	3
COMM 4986	Internship in Communication	0-3
CRLS 2540	Surveillance, Law and Society	3
CRLS 3150	Reentry and Life After Incarceration	3
CRLS 3170	Policy and Practice for Children Impacted by Incarceration	3
CRLS 3986	Internship and Seminar in Criminology and Law Studies	3
CRLS 4986	Advanced Internship and Seminar in Criminology and Law Studies	3
DGMD 3986	Internship in Digital Media	3
EDUC 4965	Student Teaching: Middle/Secondary	15
EDUC 4966	Student Teaching: Elementary/Middle	15
EDUC 4986	Community-Engaged Internship 1	3
EDUC 4987	Community-Engaged Internship 2	3
ENGL 2001	Ways of Knowing (WRIT)	3

ENGL 3140	Sociolinguistics	3
ENGL 3249	Creativity and Community	3
ENGL 3250	Life-Writing, Creativity and Community (WRIT)	3
ENGL 3261	Poetry and Community (WRIT)	3
ENGL 3780	Water Is Life: Indigenous Art and Activism in Changing Climates (WRIT)	3
ENGL 4221	The Rhetoric of Martin Luther King, Jr. and Malcolm X (WRIT)	3
ENGL 4222	Feminist Rhetorics (WRIT)	3
ENGL 4223	The Rhetoric of Black Protest (WRIT)	3
ENGL 4230	Writing Center Theory, Practice and Research (WRIT)	4
ENGL 4453	Romanticism and Nature (WRIT)	3
ENGL 4631	Toni Morrison (WRIT)	3
ENGL 4825	Native American / Indigenous Literatures (WRIT)	3
ENGL 4826	Global Indigenous Literatures (WRIT)	3
ENGL 4988	Practicum in Literature and Language Arts	1-3
EXPH 4986	Exercise Physiology Practicum 2	6-16
GEEN 2960	Engineering Social Systems and Values	0
GRMN 3540	Heckling Hitler	3
GRMN 3550	German Reunification: The Collision of Two Worlds	3
HESC 3929	Global Brigades Reflective Analysis	0
HIST 4120	American Immigration	3
HIST 4125	Latinx Civil Rights Movements	3
HIST 4135	African-American History	3
HIST 4140	American Urban History	3
HIST 4155	A History of Native America	3
HIST 4247	Comparative Homefronts during the Second World War	3
INPS 2010	Introduction to Peace Studies	3
JOUR 3986	Internship in Journalism	0-3
JOUR 4986	Internship in Journalism	0-3
LLAC 1010	Working Without Borders	3
LLAC 3220	Cultures and Foodways	3
LLAC 3250	Linguistic Diversity and Social Justice	3
MANA 3035	Diversity in Organizations	3
MARQ 3929	Engaging Social Systems and Values Reflective Analysis	0
MARQ 3961	International Service Learning - Living Justice: Accompaniment in an Unjust World	3
NURS 3956H	Honors Nursing Practicum 1	1
NURS 3965	Community and Population Health Nursing - Clinical <sup>1</sup>	2
PHIL 3502	Narrating Freedom: Gender, Race and Mass Incarceration	3
PHIL 3507	Global Justice	3
PHTH 4512	Culture and Disability	3
PSYC 3201	Introductory Social Psychology	3
PSYC 3420	Health Psychology	3
PURE 3986	Internship in Public Relations	0-3
SOCI 3700	Social Movements, Protest and Change	3
SOCI 3986	Internship and Seminar in Sociology	3
SOCI 4986	Advanced Internship and Seminar in Sociology	3
SOWJ 3170	Policy and Practice for Children Impacted by Incarceration	3
SOWJ 3400	Advocacy and Social Change: Theory and Practice	3
SOWJ 3986	Internship in Social Welfare and Justice	3
SOWJ 4700	Global Aid and Humanitarianism	3
SOWJ 4986	Advanced Internship in Social Welfare and Justice	3
SPAN 3001	Advanced Communication in Spanish	3
SPAN 4150	Spanish in the United States	3

THAR 3620	Multicultural Playwrights	3
THAR 4986	Internship in Theatre Arts	0-3
THEO 2500	Theologies of Nonviolence <sup>1</sup>	3
THEO 3250	Contemplation and Action	3
THEO 3350	Christian-Muslim Dialogue	3
THEO 3600	Theology Engaging Culture	3
THEO 4270	The Many Faces of U.S. Catholicism	3
THEO 4400	Christian Faith and Justice <sup>1</sup>	3

<sup>1</sup> Honors (H) designation of same course number also fulfills MCC requirement.

## WRITING INTENSIVE COURSES (WRIT) - ONE COURSE REQUIRED

Students must complete a course that is designated "WRIT." This requirement can be completed via one of their four Discovery Tier courses or through other degree requirements.

Some faculty-led study abroad courses have also been approved, consult the MCC website (<https://www.marquette.edu/core-curriculum/mcc-study-abroad.php>) for a complete list.

Code	Title	Hours
ACCO 4000	Accounting Communications	3
ADPR 2200	Media Writing	3
ANTH 2101	Cultural Anthropology	3
ARBC 3200	Culture and Civilization of the Middle East (ESSV2)	3
ARBC 3210	Arabic Literature in English Translation	3
ARBC 3220	Arab and Muslim Women in the United States (ESSV2)	3
BIOL 4102	Experimental Molecular Biology	3
BIOL 4202	Experimental Genetics	3
BIOL 4302	Experimental Cell Biology	3
BIOL 4402	Experimental Ecology and Field Biology	3
BIOL 4403	Tropical Ecology in Panama	3
BIOL 4502	Experimental Neurobiology	3
BIOL 4702	Experimental Physiology	3
BIOL 4802	Experimental Microbiology	3
BISC 4325	Endocrinology	3
BUAD 4010	Business in Film	3
BULA 3001	Legal and Ethical Environment of Business	3
CCOM 3250	Corporate Writing	3
CMST 3000	Theories in Communication Studies	3
CRLS 3050	Methods of Criminological Research	3
CRLS 3150	Reentry and Life After Incarceration	3
EDUC 4000	Educational Inquiry 2: Advanced Topics	3
EDUC 4540	Philosophy of Education	3
ELEN 3025	Electrical Instrumentation Laboratory	2
ENGL 2001	Ways of Knowing (ESSV2)	3
ENGL 2011	Books that Matter	3
ENGL 2012	Well Versed	3
ENGL 3000	Introduction to Literary Studies	3
ENGL 3210	Writing Practices and Processes	3
ENGL 3220	Writing for Workplaces	3
ENGL 3221	Technical Writing	3
ENGL 3222	Writing for Health and Medicine	3
ENGL 3240	Introduction to Creative Writing	3
ENGL 3241	Crafting the Short Story	3
ENGL 3242	Writing Science Fiction and Fantasy	3

ENGL 3245	Creative Nonfiction	3
ENGL 3250	Life-Writing, Creativity and Community (ESSV2)	3
ENGL 3261	Poetry and Community (ESSV2)	3
ENGL 3301	Here Be Monsters	3
ENGL 3302	Crossing Over	3
ENGL 3410	Drama	3
ENGL 3462	Introduction to Gothic Fiction	3
ENGL 3513	Modern Irish Literature	3
ENGL 3514	Contemporary Irish Literature	3
ENGL 3517	Memory and Forgetting in Contemporary Historical Fiction	3
ENGL 3751	The Art of War	3
ENGL 3761	Medicine and Literature	3
ENGL 3762	Disability and Literature	3
ENGL 3780	Water Is Life: Indigenous Art and Activism in Changing Climates (ESSV2)	3
ENGL 3785	LGBTQ+ Narratives: Literature, Film, Theory	3
ENGL 3841	Global Hip Hop	3
ENGL 3860	The Russian Novel and the Search for Meaning	3
ENGL 4210	Writing, Literacy, and Rhetoric Studies	3
ENGL 4220	Rhetorical Theories and Practices <sup>1</sup>	3
ENGL 4221	The Rhetoric of Martin Luther King, Jr. and Malcolm X (ESSV2)	3
ENGL 4222	Feminist Rhetorics (ESSV2)	3
ENGL 4223	The Rhetoric of Black Protest (ESSV2)	3
ENGL 4224	Radical Writing: An Invitation to the Self	3
ENGL 4230	Writing Center Theory, Practice and Research (ESSV2)	4
ENGL 4250	Creative Writing: Fiction	3
ENGL 4260	Creative Writing: Poetry	3
ENGL 4303	Studies in the Medieval Imagination	3
ENGL 4311	Themes in Medieval Literature	3
ENGL 4331	Shakespeare	3
ENGL 4402	The Novel to 1900	3
ENGL 4412	Transatlantic Literature, 1700-1900	3
ENGL 4422	British Literature of the Long 18th Century	3
ENGL 4423	Legal Fictions of the Enlightenment	3
ENGL 4453	Romanticism and Nature (ESSV2)	3
ENGL 4472	British Literature of the Victorian Period, 1837-1900	3
ENGL 4616	Moby-Dick	3
ENGL 4631	Toni Morrison (ESSV2)	3
ENGL 4715	Children's Literature	3
ENGL 4730	What Is a Book?	3
ENGL 4734	The Epic	3
ENGL 4738	Poetry	3
ENGL 4739	Words to Worlds	3
ENGL 4755	Law and Literature	3
ENGL 4765	Material Cultures	3
ENGL 4786	Women Writers	3
ENGL 4810	Comparative Race and Ethnic Studies	3
ENGL 4820	Studies in Critical Race and Ethnic Studies	3
ENGL 4825	Native American / Indigenous Literatures (ESSV2)	3
ENGL 4826	Global Indigenous Literatures (ESSV2)	3
ENGL 4830	Africana Literatures	3
ENGL 4932	Topics in Writing	3
ENGL 4954	Seminar in Creative Writing	3



ENGL 4997	Capstone	3
EXPH 4020	Clinical Case Management in Exercise Science	3
FREN 4110	Advanced Grammar and Written Expression in French	3
FREN 4270	French Holocaust Writings in English Translation	3
FREN 4280	Creative Writing in French	3
GRMN 3500	The Modern German Short Story	3
GRMN 3505	The Modern German Short Story in English	3
HIST 1301	History of Latin America	3
HIST 3104	The Civil War Era	3
HIST 4210	The Black Death	3
HIST 4460	Race and History of South Africa	3
HIST 4955	Undergraduate Seminar in History	3
JOUR 4150	Investigative Reporting	3
MANA 3002	Business and Its Environment	3
MLSC 4180	Concepts in Clinical Education Methods and Practicum	2
NURS 4000	Quality and Safety in Nursing	3
PHIL 3505	Philosophy and Film	3
PHIL 3610	Ancient Philosophy	3
PHIL 4540	Philosophy of Education	3
PHTH 7505	Patient/Client Management 3 <sup>2</sup>	2
PHTH 7974	Clinical Education Experience 1 <sup>3</sup>	4
POSC 3101	Writing and Argumentation in Political Science	3
PURE 3600	Public Relations Writing	3
SOCI 3050	Methods of Social Research	3
SPAN 3001	Advanced Communication in Spanish	3
SPAN 3005	Advanced Communication in Spanish for Heritage Speakers	3
SPAN 3500	Texts, Images and Critical Thinking in Spanish	3
SPAN 3505	Texts, Images, and Critical Thinking in Spanish for Heritage and Native Speakers	3
SPAN 4700	Creative Writing in Spanish	3
STCM 3400	Writing for Strategic Communication	3
THAR 4600	Playwriting	3
THEO 3130	Miracles <sup>1</sup>	3
THEO 3530	Theology and Economics <sup>1</sup>	3
THEO 4210	History and Theology of the Christian East	3
THEO 4300	The Question of God in a Secular Age <sup>1</sup>	3
THEO 4460	Religion, Science and Ethics	3

<sup>1</sup> Honors (H) designation of same course number also fulfills MCC requirements.

<sup>2</sup> With PHTH 7974 Clinical Education Experience 1

<sup>3</sup> With PHTH 7505 Patient/Client Management 3

## Grade Minimums & Additional Information

- A grade of C or better is required in Honors MCC courses. A passing grade is required in non-Honors MCC courses.
- Review the Marquette Core Curriculum (<https://bulletin.marquette.edu/resources-opportunities/marquette-core-curriculum/>) section of the bulletin for additional information, including transfer student requirements and Discovery Theme details.

## Environmental Studies Major

The major consists of eighteen courses (54-56 cr. hrs.), including fifteen required courses (45-46 cr. hrs.) and three elective courses (9-10 cr. hrs.) on subjects in the natural sciences, social sciences, humanities, and/or engineering.

Code	Title	Hours
Required Natural Science Courses:		
BIOL 1001	General Biology 1	3

BIOL 1002	General Biology 2	3
BIOL 3400	Ecology	3
PHYS 1009	Earth and Environmental Physics	3-4
or CHEM 1080	Chemistry in the World	
Required Experimental Biology Course - choose one of the following:		3
BIOL 4402	Experimental Ecology and Field Biology	
or BIOL 4403	Tropical Ecology in Panama	
or BIOL 4802	Experimental Microbiology	
Required Ethics Course - choose one of the following:		3
PHIL 3350	Philosophy of the Environment	
or THEO 4440	Foundations of Ecological Ethics	
Required Statistics Course - choose one of the following:		3
MATH 1700	Modern Elementary Statistics	
or MATH 4720	Statistical Methods	
or MATH 4740	Biostatistical Methods and Models	
Required Economics Courses:		9
ECON 1103	Principles of Microeconomics	
ECON 1104	Principles of Macroeconomics	
ECON 4016	Environmental and Natural Resource Economics	
Required Political Science Courses:		6
POSC 2601	International Politics	
or POSC 2201	American Politics	
POSC 4351	Environmental Politics and Policy	
Required Environment and Society Courses:		6
ANTH 2203	Human Geography	
SOCI 3720	Environment and Society	
or HIST 3800	Environmental History: Ecology and Society in the Modern World	
Required Capstone Course:		
INES 4997	Capstone in Environmental Studies	3
Elective Courses - choose three of the following: <sup>1,2</sup>		9-10
Economics		
ECON 3003	Intermediate Microeconomic Analysis	
ECON 4012	Urban and Regional Economics	
ECON 4047	Development Economics	
Engineering		
CEEN 3510	Environmental Engineering	
CEEN 4515	Environmental Chemistry	
CEEN 4550	Water Resources Planning and Management	
CEEN 4715	Sustainable Engineering	
Environment and Society		
ENGL 3775	Literature and Place	
ENGL 4765	Material Cultures	
HIST 3800	Environmental History: Ecology and Society in the Modern World	
SOCI 3720	Environment and Society	
SOWJ 4700	Global Aid and Humanitarianism	
Environmental Science and Anthropology		
ANTH 1201	Introduction to Biological Anthropology	
or ANTH 2201	Human Evolutionary Processes	
ANTH 3153	Demography	
ANTH 4144	The Rise of Agriculture	
ANTH 4245	The Rise of States	
ANTH 4316	Culture Change and Development	

BIOL 3404	Evolutionary Biology
BIOL 4401	Advanced Ecology
BIOL 4406	Plant Biology
BIOL 4410	Conservation Biology
BIOL 4801	Microbiology
CHEM 1080 or PHYS 1009	Chemistry in the World Earth and Environmental Physics
PHYS 1007	Survey of Meteorology
Environmental Studies Internship	
INES 4987	Environmental Studies: Applying the Internship Experience
Political Science	
POSC 4216	Public Policy Analysis
POSC 4221	Interest Group Politics
POSC 4661	The Political Economy of Development

**Total Credit Hours:****54-56**

- <sup>1</sup> Other relevant upper-division courses, special topics courses, and independent studies may be applied to the elective requirement with permission of the program director.
- <sup>2</sup> Credits awarded for a required course may not be applied to the elective requirement.

## University Policies

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- Academic Censure - Undergraduate (<https://bulletin.marquette.edu/policies/academic-censure/undergraduate/>)
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- Academic Misconduct (<https://bulletin.marquette.edu/policies/academic-misconduct-policy/>)
- Academic Program Definitions (<https://bulletin.marquette.edu/policies/academic-programs-defined/>)
- Academic Standing (<https://bulletin.marquette.edu/policies/academic-standing/>)
- Accelerated Degree Programs (<https://bulletin.marquette.edu/policies/accelerated-degree-programs/>)
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- Classification - Undergraduate (<https://bulletin.marquette.edu/policies/classification-undergraduate/>)
- Commencement (<https://bulletin.marquette.edu/policies/commencement/>)
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- Family Education Rights and Privacy Act-FERPA (<https://bulletin.marquette.edu/policies/ferpa/>)
- Grade Appeals (<https://bulletin.marquette.edu/policies/grade-appeals/>)
- Grading System - Undergraduate and Health Science Professional (<https://bulletin.marquette.edu/policies/grading-system/undergraduate-healthscienceprofessional/>)
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- Major and Minor Declaration - Undergraduate (<https://bulletin.marquette.edu/policies/major-declaration/>)
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- Military Call to Active Duty or Training (<https://bulletin.marquette.edu/policies/militarycall-active-duty-training/>)
- Non-Degree Undergraduate Students (<https://bulletin.marquette.edu/policies/non-degree-undergraduate-students/>)

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- Repeated Courses - Undergraduate (<https://bulletin.marquette.edu/policies/repeated-courses/undergraduate/>)
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- Transcripts-Official (<https://bulletin.marquette.edu/policies/transcripts-official/>)
- Transfer (Internal) to Another Undergraduate College within the University (<https://bulletin.marquette.edu/policies/transfer-internal-another-undergraduate-college-within-university/>)
- Transfer Course Credit - Undergraduate (<https://bulletin.marquette.edu/policies/transfer-course-credit-policy/undergraduate/>)
- Withdrawal - Undergraduate (<https://bulletin.marquette.edu/policies/withdrawals/undergraduate/>)

## College of Arts and Sciences Policies

- Absences from Final Examinations (<https://bulletin.marquette.edu/arts-sciences/policies/absences-final-examinations/>)
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- Majors and Minors (<https://bulletin.marquette.edu/arts-sciences/policies/majors-minors/>)
- Transfer Credit Policy (<https://bulletin.marquette.edu/arts-sciences/policies/transfer-credit-policy/>)