

GENERAL EDUCATION REQUIREMENTS

OVERVIEW

Catalog of Entry

The *Undergraduate Academic Catalog* in effect when a student first enrolls at the university or any one subsequent catalog will be the guide to General Education Requirements.

Grades

Unless otherwise stated in a course description, a student must earn a grade of **D** or better to receive general education credit for a course. In some cases, programs will require a grade of **C** or better for general education courses such as when a general education course is also part of the major. In addition, certain general education courses serve as prerequisites for higher-level courses. Those higher-level courses may require a grade of **C** or better in the prerequisite course general education course. In both cases, a course completed with a **D** will still count toward a student's general education requirements, but the student will need to retake the course and earn a **C** or better to meet the program or prerequisite requirements. Students should check with their advisor and the course catalog to determine the requirements.

Goals

The general education program at YSU is designed to help students achieve the following five goals:

- Students will demonstrate the ability to write and speak effectively, reason quantitatively, and think critically so they are prepared to perform appropriately in their professions upon graduation. These skills will be applied in the major and culminate in the successful completion of a senior capstone project.
- Students will demonstrate understanding of the basic facts, principles, theories, and methods of science. Students will demonstrate the interdependence of science and technology and the influence of science and technology on society.
- Students will interpret significant writings and works of art, with a focus on aesthetics, historical responses, and the nature of the human condition.
- Students will demonstrate understanding of the development, diversity, and complexity of human behavior, institutions, and culture.
- Students will demonstrate understanding in any of the following critical areas of contemporary life: Domestic Diversity, International Perspectives, Sustainability, and Well-being.

Learning Outcomes

To assist students in achieving the goals above, the courses included in the General Education model incorporate some combination of the learning outcomes. The outcomes as they relate to the goals for the various types of General Education courses are listed below:

Core Competencies Learning Outcomes:

GOAL: Students will demonstrate the ability to write and speak effectively, reason quantitatively, and think critically so they are prepared to perform appropriately in their professions upon graduation.

- Students will demonstrate the ability to write and speak effectively, develop sound arguments, and derive justified conclusions.
- Students will demonstrate the ability to reason using quantitative data, and students will demonstrate use of mathematical methods and concepts in both abstract and concrete contexts.
- Students will demonstrate the ability to reason critically and identify credible sources.

Knowledge Domain Learning Outcomes:

NATURAL SCIENCES

GOAL: Students will demonstrate understanding of the basic facts, principles, theories, and methods of science. Students will demonstrate the interdependence of science and technology and the influence of science and technology on society.

- Students will successfully perform an experiment to test a hypothesis including the collection and analysis of data.
- Students will demonstrate the knowledge and application of scientific principles.
- Students will use and interpret formulas, graphs, and tables.
- Students will demonstrate understanding of the interactions of science, technology and society.

ARTS AND HUMANITIES

GOAL: Students will interpret significant writings and works of art, with a focus on aesthetics, historical responses, and the nature of the human condition.

- Students will analyze and evaluate the elements and the personal and societal impact of multiple types of literary and artistic expressions.
- Students will demonstrate awareness of ethical or cultural values in shaping the human experience.

SOCIAL SCIENCES

GOAL: Students will demonstrate understanding of the development, diversity, and complexity of human behavior, institutions, and culture.

- Students will demonstrate understanding of the contexts and development of human cultures and institutions.
- Students will demonstrate understanding of individual and social behavior.
- Students will demonstrate an understanding of methodologies used in the social sciences.

SOCIAL AND PERSONAL AWARENESS

GOAL: Students will demonstrate understanding in any of the following critical areas of contemporary life: Domestic Diversity, International Perspectives, Sustainability, and Well-being.

- Domestic Diversity - Students will demonstrate knowledge of the experiences of different groups within the United States where those groups are defined by class, ethnicity, race, religion, disability, sex, or sexual orientation.
- International Perspectives - Students will demonstrate knowledge of the artistic, social, economic, or political life of communities outside the United States.
- Environmental Sustainability - Students will demonstrate understanding of contemporary concerns regarding the environmental sustainability of social, economic, public policy and technological systems and practices.
- Wellbeing - Students will demonstrate understanding of and appreciation for the relationship between personal behaviors and lifelong health and wellness.

Capstone Learning Outcomes:

GOAL: Students will demonstrate the ability to write and speak effectively, reason quantitatively, and think critically so they are prepared to perform appropriately in their professions upon graduation. These skills will be applied in the major and culminate in the successful completion of a senior capstone project.

- Write and speak effectively.
- Acquire, process and present quantitative and qualitative information using the most appropriate technologies.
- Reason critically, to distinguish among forms of argumentation, and to derive justified conclusions.

Baccalaureate Degree General Education Requirements

A. Core Competencies (p. 5)

WRITING

To learn the skills of effective writing, students will:

- Take two courses:
 - ENGL 1550 Writing 1 or ENGL 1549 Writing 1 with Support– the standard introductory writing course
 - ENGL 1551 Writing 2– a course in which students investigate a thematic topic (students with ACT scores at or above 28 will only need to take ENGL 1551 Writing 2)
- Gather evidence from the library, Internet, or other appropriate sources
- Write a research paper using a computer

SPEAKING

To become effective speakers, students will take CMST 1545 Communication Foundations.

CRITICAL THINKING

The critical-thinking learning outcome will be met through each student's major's curriculum.

MATHEMATICS

Students must take at least one approved course that teaches mathematical and statistical skills. A student may satisfy this requirement by passing an approved course or by passing a higher-level mathematics course.

B. Knowledge Domains: Arts and Humanities (p. 2), Natural Sciences (p. 4), Social Sciences (p. 3), and Social and Personal Awareness (p. 4)

To become more well-rounded members of the community, students are required to take a total of nine courses from the four knowledge domains. The coursework gives students exposure to fields of study outside their majors. Students are required to take:

COURSE	TITLE	S.H.
Select two courses from each of the four domains:		
	Arts and Humanities	
	Natural Science (at least one of the courses must include a laboratory component)	
	Social Science	
	Social and Personal Awareness	

C. Capstone (<http://catalog.yzu.edu/undergraduate/general-information/academic-policies-procedures/general-education-requirements/#capstonetext>)

All majors require a capstone course. In the capstone course, students are required to demonstrate knowledge in their major as well as their ability to communicate in writing, their oral communication skills, and their ability to reason critically.

Baccalaureate Degree General Education Requirements Summary

Core Competencies

Writing 2 courses

Speech 1 course

Mathematics 1 course

Knowledge Domains

Arts and Humanities 2 courses

Natural Science 2 courses (1 must include a lab)

Social Science 2 courses

Social and Personal Awareness 2 courses

Capstone 1 course

total* *13 courses

Associate Degree General Education Requirements

The general education requirements vary by degree; the requirements for each associate degree are listed in the appropriate college section. All associate degrees require the completion of a minimum of five courses.

Applied Associate Degrees

COURSE	TITLE	S.H.
ENGL 1550	Writing 1	3
ENGL 1551	Writing 2	3
Mathematics (no more than one course)		
Select two courses from two of the three following areas:		
Natural Science		
Arts and Humanities		
Social Science		

Students in Applied Associates Degree Programs must take a minimum of five general-education courses, including Writing I and Writing II, one course in mathematics, two courses representing two of the following domains: natural science, arts and humanities, and social science. To ensure transferability of an Associates Degree within the State of Ohio, students should take only Ohio Transfer 36 (OT36) Approved Courses in arts and humanities and social science.

Academic Associates Degrees at YSU

Students in the Associates of Arts Program must fulfill the same Gen. Ed. requirements as required for Baccalaureate Programs (with exception of the capstone.) To ensure transferability of an Associates Degree within the State of Ohio, students should only take Ohio Transfer 36 (OT36) Approved Courses.

General Education and Transfer Students

Transfer students with a bachelor's degree

Students with a bachelor's degree from a regionally accredited institution in the United States or from an approved international institution (as determined by the International Programs Office) seeking an additional baccalaureate degree do not have to complete the YSU general education requirements. Students will need to take general education courses required for their major. See the Degree Audit (<http://cms.yzu.edu/administrative-offices/degree-audit/degree-audit/>) website for an up-to-date list.

Transfer students without a bachelor's degree

All transfer students without a bachelor's degree from a regionally accredited institution in the United States must complete the general education requirements. Students should consult with an academic advisor to discuss the coursework they need to complete the YSU general education requirements. See the Transfer Credit (<http://catalog.yzu.edu/undergraduate/general-information/admission/transfer-applicants/>) section of this catalog for additional information.

Arts and Humanities

Bachelor's degree seeking students must complete two of the following:

COURSE	TITLE	S.H.
AFST 2601	Introduction to Africana Studies 2 ^{1,2}	3
ART 1541	Survey of Art History 1 ¹	3
ART 1542	Survey of Art History 2 ^{1,2}	3
ART 1543	Survey of Art History: Gods and Monsters–Religion, Myth, and the Supernatural	3
ART 1544	Survey of Art History: Body, Gender, and Self	3
ART 1545	Survey of Art History: Politics, Cities, and Art for the Public	3
ART 2648	Experience Art: Social and Behavioral Perspectives	3
DNCE 2698	Survey of Dance ¹	3
ENGL 1590	Introduction to Literature	3
ENGL 2610	World Literature ^{1,2}	3
ENGL 2615	Science Fiction and Fantasy Literature	3
ENGL 2617	Women in Literature ^{1,2}	3
ENGL 2618	American Literature and Diversity ^{1,2}	3
ENGL 2620	African Literature	3
ENGL 2630	LGBTQIA Literature	3
ENGL 2631	Mythology in Literature ¹	3
ENGL 2665	Introduction to Film Study ¹	3
FNLG 2610	Foreign Film ²	3
HIST 2600	Introduction to Jewish Studies ²	3
JOUR 2603	Journalism Ethics and Social Responsibilities ¹	3
JOUR 2605	Journalism as Literature	3
MUHL 2616	Survey of Jazz ¹	3
MUHL 2617	Film Music ¹	3
MUHL 2618	Rock n' Roll to Rock	3
MUHL 2619	Music of Non-Western Societies	3
MUHL 2620	Music and the African-American Experience	3
MUHL 2621	Music Literature and Appreciation	3
MUHL 2622	Popular Music in America	3
MUHL 2624	Survey of Hip Hop	3
MUHL 3772	Music History and Literature 2	3
MUHL 3773	Music History and Literature 3	3
MUHL 3774	Music History and Literature 4	3
PHIL 1560	Introduction to Philosophy	3
PHIL 1561	Technology and Human Values	3
PHIL 1565	Critical Thinking	3
PHIL/REL 2610	Global Ethics	3
ONLY ONE OF THE FOLLOWING:		
PHIL 2625	Introduction to Professional Ethics	
PHIL 2626	Engineering Ethics	
PHIL 2627	Law and Criminal Justice Ethics	
PHIL 2628	Business Ethics	
PHIL 2635	Ethics of War and Peace	3
PHIL 3711	General Ethics	3
REL 2601	Introduction to World Religions	3
REL 2605	Myth, Symbol, and Ritual ^{1,2}	3
REL/PHIL 2610	Global Ethics	3
REL 2617	Introduction to Asian Religions	3
REL 2621	Religion and Moral Issues ¹	3
THTR 1512	Survey of Broadway: The American Musical ¹	3
THTR 1560	Introduction to Theatre ¹	3
THTR 1590	History of Motion Pictures ¹	3
THTR 2690	The Art of Motion Pictures ¹	3

¹ Courses are part of the Ohio Transfer 36 and are guaranteed to transfer to any of Ohio's public institutions of higher education as a subject area general education credit. Ohio's Department of Higher Education maintains an up-to-date list of OT36 approved courses through the OT36 reporting system (https://analytics.das.ohio.gov/t/HigherEdPUB/views/OhioTransfer36Approvals/Dashboard2/?%3Adisplay_count=n&%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=viz_share_link&%3AshowAppBanner=false&%3AshowVizHome=n).

² Courses are cross-listed with another General Education domain.

Social Sciences

Bachelor's degree seeking students must complete two of the following:

COURSE	TITLE	S.H.
AFST 2600	Introduction to Africana Studies 1 ²	3
ANTH 1500	Introduction to Anthropology ¹	3
ANTH 1503	The Rise and Fall of Civilizations	3
CMST 2600	Communication Theory	3
CRJS 1500	Introduction to Criminal Justice	3
ONLY ONE OF THE FOLLOWING		
ECON 1501	Economics in Action ¹	
ECON 2610	Principles 1: Microeconomics ¹	
ECON 1503	Rich and Poor: Diversity and Disparity in the United States Workplace ^{1,2}	3
ECON 2630	Principles 2: Macroeconomics ¹	3
ENGL 2651	Introduction to Language ²	3
FNLG 2660	Women in the Ancient World	3
GEOG 2611	Geospatial Foundations	3
GEOG 2626	World Geography ^{1,2}	3
GEOG 2640	Human Geography ^{1,2}	3
GERO 3703	Aging and Society ²	3
HIST 1500	Discovering World History ^{1,2}	3
HIST 1501	American Dreams: Introduction to United States History ¹	3
HIST 1511	World Civilization to 1500 ^{1,2}	3
HIST 1512	World Civilization from 1500 ^{1,2}	3
HIST 2605	Turning Points in United States History 1 ¹	3
HIST 2606	Turning Points in United States History 2 ^{1,2}	3
MCOM 1595	Media Literacy and Culture ¹	3
MGT 2604	Legal and Social Responsibilities of Business	3
PHLT 1531	Fundamentals of Public Health ²	3
POL 1550	Introduction to Political Science ^{1,2}	3
POL 1560	American Government ¹	3
POL 2640	Contemporary World Governments ^{1,2}	3
POL 2660	International Relations ²	3
PSYC 1560	General Psychology ¹	3
PSYC 3700	Social Psychology	3
PSYC 3755	Child Development	3
PSYC 3758	Lifespan Development ²	3
SOC 1500	Introduction to Sociology ¹	3
SOC 2601	Social Problems ¹	3
SOC 2650	Human Trafficking	3
SOC 3703	Aging and Society ²	3
WMST 2601	Introduction to Women's Studies ^{1,2}	3

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² Courses are cross-listed with another General Education domain.

Natural Sciences

Bachelor's degree seeking students must complete two of the following (one must include a lab):

Natural Science Courses without a lab

COURSE	TITLE	S.H.
ASTR 1504	Descriptive Astronomy ¹	3
BIOL 1505	Biology and the Modern World ¹	3
BIOL 1551	Anatomy and Physiology 1 ^{1,4}	3
CHEM 1500	Chemistry in Modern Living ¹	3
CHEM 1520	Allied Health Chemistry for Online Programs	3
ENST 1500	Introduction to Environmental Science ^{1,2}	3
FSCI 1510	Survey of Forensic Science	3
GEOG 1503	Physical Geography ¹	3
GEOG 2630	Weather ¹	3
GEOL 1504	The Dynamic Earth	3
GEOL 2602	Introduction to Oceanography ¹	3
PHYS 1500	Conceptual Physics ¹	3
PHYS 1501	Fundamentals of Physics 1 ^{1,4}	4
PHYS 1502	Fundamentals of Physics 2 ^{1,4}	3
PHYS 2607	Physical Science for Middle and Secondary Education ⁴	4
PHYS 2608	Sound	3
PHYS 2610	General Physics 1 ^{1,4}	4
PHYS 2611	General Physics 2 ^{1,4}	4

Natural Science Courses with a lab

Labs must be taken with the associated course in order to count for Natural Science Lab credit.

COURSE	TITLE	S.H.
ASTR 1504 & 1504L	Descriptive Astronomy and Astronomy Laboratory ¹	4
BIOL 1505 & 1505L	Biology and the Modern World and Biology and the Modern World Laboratory ³	4
BIOL 1545 & 1545L	Allied Health Anatomy and Physiology and Allied Health Anatomy and Physiology Laboratory ^{3,4}	5
BIOL 1551 & 1551L	Anatomy and Physiology 1 and Anatomy and Physiology 1 Laboratory ^{3,4}	4
BIOL 1552 & 1552L	Anatomy and Physiology 2 and Anatomy and Physiology 2 Laboratory ^{3,4}	4
BIOL 2601 & 2601L	General Biology 1: Molecules and Cells and General Biology I: Molecules and Cells Laboratory ^{3,4}	4
BIOL 2602 & 2602L	General Biology 2: Organisms and Ecology and General Biology: Organisms and Ecology Laboratory ^{3,4}	4
BIOL 2602H & BIOL 2602L	Honors General Biology 2: Organisms and Ecology and General Biology: Organisms and Ecology Laboratory ⁴	4
CHEM 1500	Chemistry in Modern Living	4

& 1500L	and Chemistry in Modern Living Laboratory ³	
CHEM 1510 & 1510L	Chemistry for the Allied Health Sciences and Chemistry for the Allied Health Sciences Laboratory	4
CHEM 1515 & 1515L	General Chemistry 1 and General Chemistry 1 Laboratory ^{3,4}	4
CHEM 1516 & 1516L	General Chemistry 2 and General Chemistry 2 Laboratory ^{3,4}	4
ENST 1500 & 1500L	Introduction to Environmental Science and Introduction to Environmental Science Lab ^{2,3}	4
GEOG 1503 & 1503L	Physical Geography and Physical Geography Laboratory ¹	4
GEOG 2630 & 2630L	Weather and Weather Lab ¹	4
GEOL 1500	Environmental Geology ²	4
GEOL 1503	Rock Studio: Understanding Geology Through Lapidary Experiences	4
GEOL 1505 & 1505L	Physical Geology and Physical Geology Laboratory ³	4
GEOL 2611	Geology for Engineers ^{3,4}	3
PHYS 1500 & 1500L	Conceptual Physics and Conceptual Physics Laboratory ¹	4
PHYS 1501 & 1501L	Fundamentals of Physics 1 and Fundamentals of Physics Laboratory 1 ^{3,4}	5
PHYS 1502 & 1502L	Fundamentals of Physics 2 and Fundamentals of Physics Laboratory 2 ^{1,4}	4
PHYS 2610 & 2610L	General Physics 1 and General Physics Laboratory 1 ^{1,4}	5
PHYS 2611 & 2611L	General Physics 2 and General Physics laboratory 2 ^{1,4}	5

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² Courses are cross-listed with another General Education domain.

³ Lecture component of the course is OTM approved, however, the lab component is not OTM approved.

⁴ Courses are designed for science, engineering, and health science majors. Students should consult their advisor before selecting them.

Social and Personal Awareness

Bachelor's degree seeking students must complete two of the following:

Domestic Diversity

COURSE	TITLE	S.H.
AFST 2600	Introduction to Africana Studies 1 ^{1,2}	3
AFST 2601	Introduction to Africana Studies 2 ^{1,2}	3
ART 1544	Survey of Art History: Body, Gender, and Self	3
ART 1591	Idea Development and Creativity in Cultural Context	3
CMST 2610	Intercultural Communication	3
ECON 1503	Rich and Poor: Diversity and Disparity in the United States Workplace ^{1,2}	3
ENGL 2617	Women in Literature ^{1,2}	3
ENGL 2618	American Literature and Diversity ^{1,2}	3
ENGL 2630	LGBTQIA Literature	3

HIST 2600	Introduction to Jewish Studies	3
ENGL 2651	Introduction to Language ²	3
HIST 2606	Turning Points in United States History 2 ^{1,2}	3
SOC 2640	Gender in Society	3
SOC 2690	Identities and Differences	3
WMST 2601	Introduction to Women's Studies ^{1,2}	3
WMST 2640	Gender in Society	3

subject area general education credit. Ohio's Department of Higher Education maintains an up-to-date list of OT36 approved courses through the OT36 reporting system (https://analytics.das.ohio.gov/t/HigherEdPUB/views/OhioTransfer36Approvals/Dashboard2/?%3Adisplay_count=n&%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=viz_share_link&%3AshowAppBanner=false&%3AshowVizHome=n).

² Courses are cross-listed with another General Education domain.

Environmental Sustainability

COURSE	TITLE	S.H.
ENST 1500	Introduction to Environmental Science ²	3
GEOL 1500	Environmental Geology ²	4
PHLT 1513	Introduction to Environmental Health and Safety	3
PHIL 2631	Environmental Ethics	3

International Perspectives

COURSE	TITLE	S.H.
ART 1542	Survey of Art History 2 ^{1,2}	3
ART 1543	Survey of Art History: Gods and Monsters–Religion, Myth, and the Supernatural	3
ART 1545	Survey of Art History: Politics, Cities, and Art for the Public	3
ENGL 2610	World Literature ^{1,2}	3
FNLG 2610	Foreign Film ²	3
GEOG 2626	World Geography ^{1,2}	3
GEOG 2640	Human Geography ^{1,2}	3
HIST 1500	Discovering World History ^{1,2}	3
HIST 1512	World Civilization from 1500 ^{1,2}	3
MUHL 2619	Music of Non-Western Societies	3
MUHL 2621	Music Literature and Appreciation ^{1,2}	3
MUHL 3771	Music History and Literature 1 ¹	3
POL 1550	Introduction to Political Science ^{1,2}	3
POL 2640	Contemporary World Governments ^{1,2}	3
POL 2660	International Relations ²	3
REL 2601	Introduction to World Religions ^{1,2}	3
REL 2617	Introduction to Asian Religions ^{1,2}	3

Well-Being

COURSE	TITLE	S.H.
COUN 1587	Introduction to Health and Wellness in Contemporary Society	3
ECON 1505	Introduction to Personal Financial Literacy	3
FNUT 1551	Normal Nutrition	3
GERO/SOC 3703	Aging and Society ²	3
GERO/SOC 3745	Sociology of Health, Illness, and Healthcare ²	3
KSS 1500	Physical Activity Core Concepts	1
PHLT 1531	Fundamentals of Public Health ²	3
PHLT 1568	Healthy Lifestyles	3
PHLT/PSYC 2692	Human Sexuality	3
PSYC 3707	Psychology of Intimate Relationships	3
PSYC 3758	Lifespan Development ²	3
SOC/GERO 3703	Aging and Society ²	3
SOC/GERO 3745	Sociology of Health, Illness, and Healthcare	3

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Physical Activity Courses to be used with KSS 1500 Physical Activity Core Concepts

COURSE	TITLE	S.H.
KSS 1502	Volleyball	1
KSS 1508	Group Cycling	1
KSS 1509	Meditation	1
KSS 1512	Bowling	1
KSS 1514	Fencing 1	1
KSS 1516	Boxing for Beginners	2
KSS 1519	Racquetball	1
KSS 1520	Golf 1	1
KSS 1522	Tennis 1	1
KSS 1526	Marksmanship	1
KSS 1530	Learn to Swim	1
KSS 1534	Fitness Swimming	1
KSS 1547	Flexibility and Core Training	1
KSS 1549	Varsity Competition	1
KSS 1550	Pilates	1
KSS 1552	Yoga	1
KSS 1553	Yoga 2	1
KSS 1554	Fitness Walking	1
KSS 1555	Jogging	1
KSS 1557	Weight Training	1
KSS 1563	Rock Climbing	1
KSS 1565	Self Defense	1
KSS 1568	Taekwondo/Karate	1
MUEN 0004	University Chorus	1
MUEN 0006	Marching Band	1

Core Competencies

Writing

Bachelor's degree seeking students must complete the following two courses:

COURSE	TITLE	S.H.
ENGL 1549	Writing 1 with Support	4
ENGL 1550	Writing 1 ¹	3
or ENGL 1550H	Honors Writing 1	
ENGL 1551	Writing 2 (Students with ACT scores at or above 28 will only need to take ENGL 1551) ¹	3
or ENGL 1551H	Honors Writing 2	

Speaking

Bachelor's degree seeking students must complete the following course:

COURSE	TITLE	S.H.
CMST 1545	Communication Foundations ¹	3

Mathematics

Bachelor's degree seeking students must complete one of the following courses:

COURSE	TITLE	S.H.
MATH 1510	College Algebra ¹	4
MATH 1510C	College Algebra with Co-requisite Support	6
MATH 1511	Trigonometry	3
MATH 1511C	Trigonometry with Co-requisite Support	4
MATH 1513	Algebra and Transcendental Function ¹	5
MATH 1552	Applied Mathematics for Management ¹	4
MATH 1570	Applied Calculus 1 ¹	4
MATH 1571	Calculus 1 ¹	4
MATH 1572	Calculus 2 ¹	4
MATH 1581	Calculus for the Health Sciences 1	4
MATH 1581H	Honors Calculus for the Health Sciences 1	4
MATH 1582	Calculus for the Health Sciences 2	4
MATH 1585H	Honors Accelerated Calculus 1	5
MATH 2623	Quantitative Reasoning	3
MATH 2623C	Quantitative Reasoning with Co-Requisite Support	5
MATH 2661	Mathematics for Elementary Teachers 1	4
MATH 2661C	Mathematics for Elementary Teachers I with Co-Requisite Support	6
MATH 2662	Mathematics for Elementary Teachers 2	4
MATH 2665	Foundations of Middle School Mathematics 2	4
MATH 2670	Applied Calculus 2	5
MATH 2686H	Honors Accelerated Calculus 2	5
STAT 2601	Introductory Statistics ¹	3
STAT 2625	Statistical Literacy and Critical Reasoning ¹	4
STAT 2625C	Statistical Literacy and Critical Reasoning with Co-Requisite Support	6
PHIL 2619	Introduction to Logic	3

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Capstone

Bachelor's degree seeking students must complete one of the following courses within their major:

COURSE	TITLE	S.H.
AHLT 4820	Directed Research	3
ANTH 4860	Senior Thesis 2	3
ART 4803	Senior Seminar	3
ASTR 4815	Undergraduate Astronomy Research	3
CEEN 4863	Integrated Design Project	3
BIOL 4861	Senior Biology Capstone Experience	2
CHEN 4888	Process and Plant Design 2	3
CHEM 4850	Chemistry Research	1
CMST 4899	Senior Project	3
CRJS 4800	Senior Seminar	3
CSCI 4890	Computer Projects	2-4

DHYG 4840	Directed Dental Hygiene Research	3
ECE 4841	Supervised Student Teaching: Early Childhood	1-10
ECEN 4899	Senior Design Project	3
ECON 4880	Analysis of Economic Problems	3
ENGL 4890	Senior Seminar	3
ENGL 4899	Public and Professional Writing Senior Project	3
ENST 5830	Toxicology and Risk Assessment	3
FNUT 4895	DPD Capstone	3
FSCI 5814	Practice and Ethics in Forensic Science	3
GEOL 4830	Senior Thesis	4
GEOG 4890	Geography Capstone	3
GEOL 48XXF	Field Camp Course	
GEOL 5802	Sedimentology and Stratigraphy	3
GERO 4851	Capstone in Gerontology	3
HIST 4870	Senior Research Seminar	3
HMEC 4876	Undergraduate Research	2
INFO 4880	Information Technology Analysis and Design	3
ISEN 4821 & ISEN 4822	Capstone Design 1 and Capstone Design 2	6
JOUR 4893	Journalism Senior Project	3
LASS 4880	General Studies Capstone	3
ITAL 4880	Italian Conversation and Composition Capstone	4
MATH 4896	Senior Undergraduate Research Project	2
MCMP 4804	Composition	3
MCOM 4899	Senior Project	3
MECH 4808 & 4808L & MECH 4809	Mechanical Systems Design 1 and Mechanical Systems Design Laboratory and Mechanical Systems Design 2	6
MGT 4850	Strategic Management	3
MRCH 4880	Merchandising Management	3
Music 4802, 4804, OR 4806	Applied Studio Instruction	
NURS 4852	Senior Capstone Seminar	3
PHIL 4820	Seminar in Philosophy	3
PHIL 4861	Senior Capstone Project	3
PHLT 4899	Public Health Senior Seminar	3
POL 4801	Senior Research Seminar	3
PHYS 4805	Undergraduate Physics Research	3
PRL 4899	Global Public Relations	3
PSYC 4890	Senior Thesis	1
PSYC 4891H	Honors Thesis	1
PSYC 4895	Senior Psychology Capstone Experience	2
REL 4871	Senior Capstone Project	3
SCWK 4827	Integrated Capstone Seminar	3
SED 4842	Supervised Student Teaching: High School	1-10
SED 4827	Supervised Student Teaching: Language (K-12)	1-10
SED 4843	Supervised Student Teaching: Art (K-12)	1-10
SED 4844	Supervised Student Teaching: Music (K-12)	1-10
SED 4845	Supervised Student Teaching: Health (K-12)	1-10
SED 4846	Supervised Student Teaching: Physical Education (K-12)	1-10
SPAN 5885	Topics in Hispanic Literature and Film	3
SPAN 5890	Topics in Spanish Literature: Spanish-America	3
SPED 4849	Supervised Student Teaching: Mild Moderate/Disabilities	1-10
STAT 4896	Statistical Project	2
TCED 4830	Undergraduate Capstone Course for Education Majors	3

TEMC 4802	Student Teaching: Middle Childhood	1-10
THTR 4898	Senior Project	3