

ASSOCIATE OF ARTS AND SCIENCES REQUIREMENTS (AAS)

I. General Education Breadth Requirements: A student must complete general education coursework in a variety of different disciplines based on breadth categories established by the University of Wisconsin System Shared Learning Goals (<https://www.wisconsin.edu/uw-policies/download/Shared-Learning-Goals.pdf>). A student must complete coursework in six different breadth categories. Each course is limited to only one breadth category. The number of units required in each category is presented in Table 1 at the end of this document.

A. Knowledge of Human Cultures (HC): Courses focus on analysis of the human condition, culture, and society. This typically includes coursework that requires students to engage with and analyze human interaction and culture, social organization and institutions, historical contexts, and/or complex interdependent systems. The HC requirement typically includes coursework in social sciences, humanities, fine arts, and world languages. Students in HC courses can expect to 1) describe and evaluate existing knowledge of human cultures; 2) interpret and analyze data, texts, and/or artifacts; and/or 3) apply concepts across disciplines.

B. Knowledge of the Natural World (NW): Courses focus on concepts and applications related to the natural and physical sciences and mathematics. The NW requirement typically includes coursework in the sciences and mathematics. Students in NW courses can expect to 1) describe and evaluate existing knowledge of the natural world; 2) interpret, analyze and communicate data, results, and conclusions; and/or 3) apply concepts across disciplines.

C. Critical and Creative Thinking (CC): Courses extend students' abilities to analyze issues and produce responses that are both logical and innovative. The CC requirement can be fulfilled with qualifying coursework in any discipline. Students in CC classes can expect to 1) investigate problems; 2) execute analytical, practical, or creative tasks; and/or 3) combine or synthesize existing ideas, images, or expertise in original ways.

D. Effective Communication (EC): Courses support and assess students' development of reading, listening, speaking, information literacy, and/or writing proficiencies. The EC requirement typically includes coursework in multiple communication modes, including speaking/listening, writing, communication, and media studies. Students in EC courses will be asked to demonstrate 1) effective reading, listening, speaking, and/or writing skills, for a variety of purposes and audiences; and 2) use language effectively to construct scholarly, evidence-based arguments.

A required part of the Effective Communication requirement is a research-intensive composition course or demonstration of equivalent proficiency. A student can fulfill this requirement through one of two options: 1) Complete (or an equivalent transfer course), or 2) Attain exemption from by receiving qualifying scores on the Wisconsin Placement Test and demonstrating achievement of course learning outcomes. A student who successfully completes the exemption process does not receive college transcript credit for the course and must complete additional coursework to fulfill the required six EC units for an associate degree.

E. Intercultural Knowledge and Competence (IK): Courses prepare students to live and work in diverse contexts. Courses with this degree

designation focus on building cross-cultural communication, interaction, and empathy with people from diverse backgrounds and cultures. The IK requirement typically includes coursework in the social sciences, humanities, fine arts, foreign languages, and ethnic studies. Students in IK courses can expect to 1) develop cultural self-awareness in the context of diverse human cultures; and/or 2) develop strategies for effectively and appropriately negotiating intercultural interactions.

F. Individual, Social and Environmental Responsibility (RE): Courses provide the foundation for lifelong learning and the intellectual tools for engaging ethically as members of society. The RE requirement can be fulfilled with qualifying coursework in any discipline and often includes high impact teaching practices or other active learning strategies. Students in RE courses can expect to: 1) engage in active learning to explore ethical, social, and/or environmental issues; and/or 2) apply knowledge and skills for the purpose of civic engagement.

II. Depth Requirement (DR): The UW System Associate Degree Standards require each student to complete "a two-course sequence in which the first course provides the foundation for the second." A student fulfills this requirement by taking a disciplinary depth sequence. One or both courses may be transferred in from another institution.

Sets of courses in a depth sequence must meet the following criteria:

- Both courses are in the same discipline (and not just in the same department or program).
- Both courses are at least three units.
- Learning from the first course lays a foundation for learning in the second course. However, the foundation course does not need to be a prerequisite for the second course.
- A student takes the second course in a different semester or term. The semesters do not need to be contiguous.
- The depth requirement does not include skills courses that lay a foundation for academic literacy (developmental education, non-degree ESL, Math 105, and English 101) or lecture forum courses (i.e. those with LEC course numbers).

III. Quantitative Literacy (QL): A student must complete a minimum of three units of quantitative literacy (QL) coursework. A qualifying course focuses on college-level algebraic reasoning, probability, and/or statistics and has as a prerequisite or is a MAT course of level 108 or higher. A student must fulfill at least one of these requirements: 1) Complete a quantitative literacy course (or an equivalent transfer course), 2) Complete a mathematics course that has a quantitative literacy (QL) course as a prerequisite, or 3) Place into a 200-level mathematics course through the math placement process.

Students may take more than one course to complete the required three units. Quantitative literacy courses may fulfill breadth and depth degree requirements.

IV. Laboratory Science (LS): A student must complete at least one laboratory science course. In laboratory science courses, a student engages in empirical study of the natural world to enhance learning. To carry the LS degree designation, a science course must have at least one of the following active learning components as a regularly scheduled part of the course: 1) Learning activities in a laboratory or field setting; 2) Extensive use of scientific methods for student investigation, experimentation, and/or observation; 3) Active student participation in analysis and interpretation of data, using scientific tools, methods,

conceptual frameworks, theories, and/or models. For courses that do not have separately scheduled laboratory sections, at least one credit's worth of work in the course must come from learning activities that meet the criteria for an LS designation.

V. U.S. Racial/Ethnic Diversity (DV): A student must take one 3-unit U.S. Racial/Ethnic Diversity course (<http://uww-public.courseleaf.com/undergraduate/general-information/degree-and-graduation-information/#usracialethnicdiversitytext>) dealing with the African American, Native American, Asian American or Latino/a American experience. Formerly referenced as Ethnic Studies (ES) courses.

VI. High Impact Practices Requirement (HIP): A High Impact Practice course focuses on learning that increases a student's social and intellectual engagement in higher education. These active learning courses challenge students to engage in higher order thinking, including analysis, synthesis, evaluation, application, and/or creation of original work. Students spend significant time on purposeful tasks, receive and respond to substantial feedback, and engage in interaction with instructors and other students.

A student must take one HIP course to receive the Associate of Arts and Science degree. All versions of a course or individual sections may carry a high impact practice designation. The following types of courses fulfill the High Impact Practices degree requirement.

A. First-Year Seminars (HIP/FY): First-year seminars (also called first-year experience courses) help students make a transition to college-level learning. First-year seminar courses are normally taken in the first semester. To count toward the HIP degree designation, a first-year seminar must be completed before a student completes 30 college units, not including college units taken in high school.

B. Learning Communities (HIP/LC): A learning community refers to two or more linked courses organized around shared goals for student learning and engagement. LC courses support integrated learning across courses and disciplines. Learning communities provide students with increased opportunities for collaborating, interacting with peers and instructors, and exploring issues through interdisciplinary inquiry.

C. Writing Emphasis Courses (HIP WR): In a writing emphasis (or writing-intensive) course, students produce texts written for different disciplinary purposes. Students complete substantial writing assignments that challenge them to engage in higher order thinking and emphasize analysis, synthesis, evaluation, and/or application. They receive substantial feedback and respond with revision.

D. Undergraduate Research (HIP/UR): In an Undergraduate Research course, students have the opportunity to engage in significant, systematic investigation and research to explore important disciplinary questions. A UR course connects key disciplinary concepts to active and critical student inquiry. Any discipline may offer an Undergraduate Research course.

E. Collaborative Learning (HIP/CL): In a Collaborative Learning course, a significant portion of assigned coursework and other learning comes from collaborative activities. Students work together to engage in collaborative problem solving and active learning that leads to one or more projects.

F. Diversity/Global Learning Opportunities (HIP/DG): The Diversity/Global Learning Opportunities designation applies to a course or linked sets of courses that provide students with experiential learning to help them explore diverse cultures and worldviews that are different from their own.

Students receive DG credit for a) taking an experience-based learning course that focuses on cultural diversity within the United States or b) participating in a study abroad program.

G. Community-Based Learning/Service Learning (HIP/SL): Service-learning integrates academic study and field-based experiential learning with community partners. Students a) apply learning from community service to an academic course and b) reflect on their service experiences through assignments and learning activities in the course. Students gain direct experience with issues they are studying in the course and engage in efforts to analyze community-related problems in the context of one or more instructor-supervised projects.

H. Internships (HIP/IN): Internships provide students with professional experience outside of a traditional classroom in a work setting. Students work in a structured learning environment to apply concepts from related coursework to practical experiences in a field of study.

I. Capstone Project (HIP/CP): Students take a Capstone Project course in their final semester of the associate degree. Students create an independent project that synthesizes, integrates, and applies what they have learned in their associate degree experiences. To receive HIP credit, a student must complete a minimum of 45 degree units before enrolling in a Capstone Seminar course.

J. ePortfolio (HIP/EP): An ePortfolio is a digital repository of a student's work that allows the student to reflect on learning, and to demonstrate and integrate learning across their University experience. The student presents evidence of accomplishment that may be used for employment, for applications for continued study, and for reporting to external audiences.

Credit Distribution Summary

Title	Degree
Degree Requirement	Units/Courses
Knowledge of Human Cultures (HC) AND Knowledge of the Natural World (NW)	18 (at least 6 in each)
Effective Communication* (EC)	6
Intercultural Knowledge and Competence (IK)	3
Individual, Social, and Environmental Responsibility (RE)	3
Quantitative Literacy (QL)	3
Laboratory Science (LS)	one course
Creative and Critical Thinking (CC)	3
Additional Breadth Courses (NW, HC, CC, IK, RE)	6
U.S. Racial / Ethnic Diversity (DV)	3
High-Impact Practice (HIP)	one course
Depth Requirement (DR)	6
Elective Credits	up to 21
Total Credits to Degree	60

*As stated above, students may test past ENG 102, but will still need to complete 6 units in Effective Communication.

Knowledge of Human Cultures (HC)

Code	Title	Units
ANT 100	INTRODUCTION TO ANTHROPOLOGY	3
ANT 343	RELIGION, MAGIC, AND WITCHCRAFT	3
ART 175	WORLDS OF ART IMAGES/OBJECTS/IDEAS	3
ART 181	SURVEY: ANCIENT AND MEDIEVAL ART	3
ART 183	SURVEY: RENAISSANCE - MODERN ART	3
BUS 101	INTRODUCTION TO BUSINESS	3
BUS 209	UNDERSTANDING BUSINESS IN SOCIETY	3
CTA 130	INTRODUCTION TO THEATRE	3
CTA 150	INTRODUCTION TO FILM	3
CTA 201	INTRODUCTION TO MASS COMMUNICATION	3
CTA 218	POPULAR CULTURE IN THE MEDIA	3
CTA 266	GROUP DISCUSSION	3
EDU 201	CONCEPTS, ISSUES, AND FIELD EXPERIENCE IN EDUCATION	3
ENG 250	INTRODUCTION TO LITERARY STUDIES	3
ENG 266	MODERN FILM AND LITERATURE	3
ENG 267	CONTEMPORARY FILM AND LITERATURE	3
ENG 271	CHILDREN'S LITERATURE	3
ENG 274	AMERICAN GOTHIC FILM AND LITERATURE	3
ENG 280	INTRODUCTION TO SHAKESPEARE	3
ENG 289	INTRODUCTION TO LGBTQ+ LITERATURE AND FILM	3
ENG 277	FILM STUDIES	3
ENG 279	WOMEN WRITERS AND FILMMAKERS	3
ENG 284	SCIENCE FICTION AND/OR FANTASY LITERATURE	3
ENG 379	WOMEN WRITERS	3
HES 217	SOCIAL ASPECTS OF SPORT	3
HIS 101	US HISTORY TO THE CIVIL WAR ERA	3
HIS 102	HISTORY OF THE UNITED STATES THE ERA OF THE CIVIL WAR TO PRESENT	3
HIS 105	HISTORY OF WESTERN CIVILIZATION- ANCIENT TIMES TO THE RENAISSANCE	3
HIS 106	HISTORY OF WESTERN CIVILIZATION-THE RENAISSANCE TO CURRENT ERA	3
HIS 111	ANCIENT NEAR EAST AND GREECE	3
HIS 112	THE ROMAN REPUBLIC AND THE MEDITERRANEAN WORLD	3
HIS 113	HELLENISTIC CIVILIZATION AND CULTURE AFTER ALEXANDER	3
HIS 210	WORKERS, PROTEST AND SOCIAL CHANGE IN US HISTORY	3
HIS 215	MEDIEVAL EUROPE	3
HIS 218	THE UNITED STATES AND VIETNAM	3
HIS 221	THE FIRST WORLD WAR	3
HIS 257	ORIGINS AND HISTORY OF WORLD WAR II	3
HIS 286	RECENT US HISTORY, 1945-PRESENT	3
HIS 288	REPRESENTATIVE AMERICANS	3

HIS 289	COLONIAL AND REVOLUTIONARY AMERICA, 1607-1789	3
HIS 297	THE UNITED STATES, 1917 TO THE PRESENT	3
HIS 391	THE HISTORY OF THE AMERICAN MIDWEST SINCE 1600	3
MUS 119	CAREERS IN MUSIC AND THE ARTS	3
MUS 129	TIKTOK, YOUTUBE, AND INSTAGRAM - INTRODUCTION TO DIGITAL MEDIA	3
MUS 139	GAGA, DRAKE, AND SHEERAN: CONTEMPORARY POPULAR MUSIC STUDIES	3
MUS 173	MUSIC LITERATURE AND APPRECIATION	3
MUS 174	MUSIC LITERATURE AND APPRECIATION	3
MUS 265	MUSIC IN THE UNITED STATES	3
PHI 201	ASIAN PHILOSOPHY	3
PHI 258	HUMAN NATURE, RELIGION AND SOCIETY	3
POL 104	AMERICAN GOVERNMENT AND POLITICS	3
POL 275	INTERMEDIATE INTERNATIONAL POLITICS	3
POL 280	TERRORISM	3
POL 285	POLITICS OF WORLD INEQUALITY AND DEVELOPMENT	3
PSY 202	INTRODUCTORY PSYCHOLOGY	3
PSY 203	INDIVIDUALS AND INSTITUTIONS: CONCEPTS/EXPERIENCE	3
PSY 208	PSYCHOLOGY OF GENDER	3
PSY 250	LIFE SPAN DEVELOPMENTAL PSYCHOLOGY	3
PSY 307	PSYCHOLOGY OF PERSONALITY	3
PSY 360	PSYCHOLOGY OF CHILDHOOD AND ADOLESCENCE	3
PSY 362	PSYCHOLOGY OF ADULTHOOD AND AGING	3
PSY 364	PSYCHOLOGY OF DEATH AND DYING	3
REL 101	INTRODUCTION TO THE STUDY OF RELIGION	3
REL 201	ASIAN PHILOSOPHY	3
REL 343	RELIGION, MAGIC, AND WITCHCRAFT	3
SOC 101	INTRODUCTION TO SOCIOLOGY	3
SOC 220	SOCIOLOGY OF MARRIAGE AND THE FAMILY	3
SOC 231	CRIME AND CRIMINAL JUSTICE	3
SOC 238	SOCIOLOGICAL PERSPECTIVES ON GENDER	3
SOC 285	SOCIOLOGY OF HEALTH AND ILLNESS	3
SPA 201	THIRD SEMESTER SPANISH	4
SPA 202	FOURTH SEMESTER SPANISH	4
SPA 236	THE CULTURE AND CIVILIZATION OF LATIN AMERICA	3

Knowledge of the Natural World (NW)

Code	Title	Units
ANT 105	INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY	5
AST 105	THE SOLAR SYSTEM	3

BIO 101	CONCEPTS OF BIOLOGY	5	HIS 318	THE US AND VIETNAM WARS	3
BIO 121	FOUNDATIONS OF BIOLOGICAL SCIENCES I	5	MAT 108	QUANTITATIVE REASONING	3
BIO 122	FOUNDATIONS OF BIOLOGICAL SCIENCES II	5	MAT 110	COLLEGE ALGEBRA	3
BIO 141	HEREDITY	3	MAT 113	TRIGONOMETRY	2
BIO 180	INTRODUCTION TO HUMAN BIOLOGY	3	MAT 117	ELEMENTARY STATISTICS	3
BIO 186	BIOLOGY OF WOMEN	3	MAT 210	TOPICS IN FINITE MATHEMATICS	3
BIO 211	GENETICS	4	MAT 211	CALCULUS	5
BIO 251	GENERAL SURVEY OF MICROBIOLOGY	5	MAT 221	CALCULUS AND ANALYTICAL GEOMETRY I	5
BIO 277	ORNITHOLOGY	3	MAT 223	CALCULUS AND ANALYTICAL GEOMETRY III	5
BIO 285	ANATOMY AND PHYSIOLOGY	4	MAT 234	CALCULUS OF SEVERAL VARIABLES	4
BIO 286	ANATOMY AND PHYSIOLOGY	4	MAT 271	ORDINARY DIFFERENTIAL EQUATIONS	3
BUS 243	ECONOMIC AND BUSINESS STATISTICS	3	PHY 141	COLLEGE PHYSICS I	4
BIO 300	SURVEY OF CURRENT TOPICS IN HUMAN HEALTH AND DISEASE	3	PHY 142	COLLEGE PHYSICS II	4
BIO 302	CURRENT TOPICS IN HUMAN HEALTH AND DISEASE	4	PHY 201	UNIVERSITY PHYSICS I	5
BIO 304	CURRENT TOPICS IN HUMAN HEALTH AND DISEASE LAB	1	PHY 202	UNIVERSITY PHYSICS II	5
BIO 305	ENVIRONMENTAL MICROBIOLOGY	3	PSY 225	EXPERIMENTAL PSYCHOLOGY	5
BIO 310	PATHOPHYSIOLOGY	3	PSY 254	BEHAVIORAL NEUROSCIENCE	3
CHE 114	CHEMISTRY IN THE KITCHEN	4	PSY 309	ABNORMAL PSYCHOLOGY	3
CHE 121	CHEMISTRY AND SOCIETY LABORATORY	1			
CHE 123	CHEMISTRY AND SOCIETY	3			
CHE 124	APPLIED CHEMISTRY AND SOCIETY	4			
CHE 125	INTRODUCTORY CHEMISTRY	5			
CHE 145	GENERAL CHEMISTRY I	5			
CHE 155	GENERAL CHEMISTRY II	5			
CHE 165	CHEMISTRY FOR ENGINEERS	5			
CHE 203	SURVEY OF BIOCHEMISTRY	3			
CHE 204	APPLIED SURVEY OF BIOCHEMISTRY	4			
CHE 211	BIOCHEMISTRY LABORATORY	1			
CHE 250	REVIEW AND UPDATES IN CHEMISTRY AND BIOCHEMISTRY	3			
CHE 343	ORGANIC CHEMISTRY I	3			
CHE 351	ORGANIC CHEMISTRY LABORATORY PART I	1			
CHE 352	ORGANIC CHEMISTRY LABORATORY	2			
CHE 361	ORGANIC CHEMISTRY LABORATORY PART II	1			
CPS 110	INTRODUCTION TO COMPUTER SCIENCE	3			
ECO 243	ECONOMIC AND BUSINESS STATISTICS	3			
ECON 245	BUSINESS STATISTICS	3			
EGR 201	STATICS	3			
EGR 202	DYNAMICS	3			
EGR 203	MECHANICS OF MATERIALS	4			
EGR 282	ENGINEERING ECONOMICS	3			
GEO 125	PHYSICAL GEOGRAPHY- HOW THE EARTH WORKS	5			
GEO 385	CULTURE, HEALTH, AND GLOBALIZATION	3			
GEO 450	ENVIRONMENTAL CONSERVATION	3			
GSW 130	BIOLOGY OF WOMEN	3			
HES 209	NUTRITION AND WEIGHT MANAGEMENT	3			

Effective Communication (EC)

Code	Title	Units
BUS 210	BUSINESS COMMUNICATION	3
CTA 101	INTRODUCTION TO INTERPERSONAL COMMUNICATION	3
CTA 103	INTRODUCTION TO PUBLIC SPEAKING	3
CTA 115	INTRODUCTION TO BUSINESS AND PROFESSIONAL COMMUNICATION	3
CTA 160	INTRODUCTION TO PODCASTING	3
ENG 102	CRITICAL WRITING READING & RESEARCH	3
ENG 201	INTERMEDIATE COMPOSITION	3
ENG 206	TECHNICAL WRITING	3
ENG 207	APPLIED ACADEMIC WRITING	3
ENG 210	BUSINESS COMMUNICATION	3
SPA 223	SPANISH IN THE WORKPLACE	3
SPA 225	CONVERSATION AND COMPOSITION	3
SPA 227	SPANISH FOR SPANISH SPEAKERS	3

Intercultural Knowledge and Competence (IK)

Code	Title	Units
ANT 104	CULTURAL ANTHROPOLOGY	3
BUS 227	MULTICULTURAL BUSINESS	3
BUS 244	INTERNATIONAL BUSINESS	3
CTA 210	INTRODUCTION TO INTERCULTURAL COMMUNICATION	3
CTA 225	GENDER AND COMMUNICATION	3
ECO 270	INTERNATIONAL ECONOMICS	3
EDU 220	EDUCATION IN A PLURALISTIC SOCIETY	3
HIS 127	THE WORLD IN THE TWENTIETH CENTURY	3
HIS 161	WORLD HISTORY TO 1500	3
HIS 162	WORLD HISTORY SINCE 1500	3

HIS 278	HISTORY OF MINORITIES IN AMERICA	3
MUS 273	JAZZ HISTORY AND APPRECIATION	3
MUS 278	HISTORY OF ROCK AND ROLL	3
MUS 385	WORLD MUSIC	3
POL 160	COMPARATIVE POLITICS	3
POL 235	POLITICS OF RACE AND ETHNICITY IN AMERICA	3
PSY 270	THE PSYCHOLOGY OF DISCRIMINATION	3
SOC 234	SOCIOLOGY OF RACE AND ETHNICITY	3
SPA 101	FIRST SEMESTER SPANISH	4
SPA 102	SECOND SEMESTER SPANISH	4

Individual, Social, and Environmental Responsibility (RE)

Code	Title	Units
ANT 150	FOOD, CULTURE, AND IDENTITY	3
BIO 184	BIOLOGY OF HUMAN SEXUALITY AND REPRODUCTION	3
BIO 190	INTRODUCTION TO ENVIRONMENTAL SCIENCE	3
BIO 191	ENVIRONMENTAL SCIENCE	4
BIO 193	NATURAL HISTORY OF WISCONSIN	3
BUS 110	PERSONAL FINANCE	3
BUS 242	BUSINESS ETHICS	3
EDU 300	THE EXCEPTIONAL INDIVIDUAL	3
GEO 130	ENVIRONMENTAL SUSTAINABILITY	3
GEO 270	GLOBAL CLIMATE CHANGE: PAST, PRESENT, AND FUTURE	3
GEO 277	ENERGY RESOURCES AND PEOPLE	3
GLG 169	ENVIRONMENTAL GEOLOGY	4
GSW 101	INTRODUCTION TO GENDER, SEXUALITY, AND WOMEN'S STUDIES	3
HES 123	CPR	1
HES 206	PERSONAL HEALTH AND WELLNESS	3
HIS 283	HOMEFRONT USA: AMERICAN LIFE IN WARTIME	3
PHI 241	ETHICS	3
PHI 244	ENVIRONMENTAL ETHICS	3
POL 101	INTRODUCTION TO POLITICS	3
POL 175	INTERNATIONAL POLITICS	3
POL 201	INTRODUCTION TO POLITICAL THEORY	3
POL 231	SEX, POWER AND PUBLIC POLICY	3
POL 294	INTERNSHIP IN POLITICAL SCIENCE	1-3
SOC 130	CONTEMPORARY SOCIAL PROBLEMS	3
SOC 355	SOCIOLOGY OF THE ENVIRONMENT	3

Quantitative Literacy (QL)

Code	Title	Units
BUS 243	ECONOMIC AND BUSINESS STATISTICS	3
CHE 145	GENERAL CHEMISTRY I	5
CHE 155	GENERAL CHEMISTRY II	5
CPS 130	INTRODUCTION TO PROGRAMMING	2

CPS 216	PROBLEM SOLVING AND PROGRAMMING TECHNIQUES IN C++	4
CPS 245	COMPUTER SCIENCE I: OBJECT-ORIENTED PROGRAMMING	4
ECO 243	ECONOMIC AND BUSINESS STATISTICS	3
MAT 108	QUANTITATIVE REASONING	3
MAT 110	COLLEGE ALGEBRA	3
MAT 113	TRIGONOMETRY	2
MAT 117	ELEMENTARY STATISTICS	3
MAT 130	MATHEMATICS FOR ELEMENTARY TEACHERS	4
MAT 132	GEOMETRY FOR ELEMENTARY TEACHERS	4
MAT 210	TOPICS IN FINITE MATHEMATICS	3
MAT 222	CALCULUS AND ANALYTICAL GEOMETRY II	5
MAT 223	CALCULUS AND ANALYTICAL GEOMETRY III	5
MAT 271	ORDINARY DIFFERENTIAL EQUATIONS	3

Laboratory Science (LS)

Code	Title	Units
ANT 105	INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY	5
AST 105	THE SOLAR SYSTEM	3
BIO 101	CONCEPTS OF BIOLOGY	5
BIO 121	FOUNDATIONS OF BIOLOGICAL SCIENCES I	5
BIO 122	FOUNDATIONS OF BIOLOGICAL SCIENCES II	5
BIO 191	ENVIRONMENTAL SCIENCE	4
BIO 211	GENETICS	4
BIO 251	GENERAL SURVEY OF MICROBIOLOGY	5
BIO 277	ORNITHOLOGY	3
BIO 285	ANATOMY AND PHYSIOLOGY	4
BIO 286	ANATOMY AND PHYSIOLOGY	4
BIO 302	CURRENT TOPICS IN HUMAN HEALTH AND DISEASE	4
BIO 304	CURRENT TOPICS IN HUMAN HEALTH AND DISEASE LAB	1
BIO 305	ENVIRONMENTAL MICROBIOLOGY	3
CHE 114	CHEMISTRY IN THE KITCHEN	4
CHE 121	CHEMISTRY AND SOCIETY LABORATORY	1
CHE 124	APPLIED CHEMISTRY AND SOCIETY	4
CHE 125	INTRODUCTORY CHEMISTRY	5
CHE 145	GENERAL CHEMISTRY I	5
CHE 155	GENERAL CHEMISTRY II	5
CHE 165	CHEMISTRY FOR ENGINEERS	5
CHE 204	APPLIED SURVEY OF BIOCHEMISTRY	4
CHE 211	BIOCHEMISTRY LABORATORY	1
CHE 351	ORGANIC CHEMISTRY LABORATORY PART I	1
CHE 352	ORGANIC CHEMISTRY LABORATORY	2
CHE 361	ORGANIC CHEMISTRY LABORATORY PART II	1
EGR 203	MECHANICS OF MATERIALS	4

GEO 125	PHYSICAL GEOGRAPHY- HOW THE EARTH WORKS	5	MAT 222	CALCULUS AND ANALYTICAL GEOMETRY II	5
GEO 130	ENVIRONMENTAL SUSTAINABILITY	3	MUS 170	FUNDAMENTALS OF MUSIC	3
GLG 169	ENVIRONMENTAL GEOLOGY	4	MUS 171	MUSIC THEORY I	3
PHY 141	COLLEGE PHYSICS I	4	MUS 172	MUSIC THEORY II	3
PHY 142	COLLEGE PHYSICS II	4	PHI 101	INTRO TO PHILOSOPHY	3
PHY 201	UNIVERSITY PHYSICS I	5			
PSY 225	EXPERIMENTAL PSYCHOLOGY	5			

Critical and Creative Thinking (CC)

Code	Title	Units
ART 101	INTRODUCTION TO DRAWING	3
ART 102	INTERMEDIATE DRAWING	3
ART 103	DRAWING II	3
ART 111	TWO-DIMENSIONAL DESIGN	3
ART 112	THREE-DIMENSIONAL DESIGN	3
ART 121	INTRODUCTION TO PAINTING	3
ART 125	OIL PAINTING	3
ART 161	INTRODUCTION TO PHOTOGRAPHY	3
ART 225	INTERMEDIATE OIL PAINTING	3
BUS 201	INTRODUCTORY ACCOUNTING	4
BUS 202	INTERMEDIATE ACCOUNTING	4
BUS 204	MANAGERIAL ACCOUNTING	3
BUS 230	INTRODUCTION TO MANAGEMENT INFORMATION SYSTEMS	3
CHE 363	ORGANIC CHEMISTRY II	3
CPS 216	PROBLEM SOLVING AND PROGRAMMING TECHNIQUES IN C++	4
CPS 245	COMPUTER SCIENCE I: OBJECT-ORIENTED PROGRAMMING	4
CTA 131	THEATRE LABORATORY	1
CTA 232	INTRODUCTION TO ACTING	3
CTA 235	INTRODUCTION TO STAGECRAFT	3
CTA 238	INTRODUCTION TO MOTION CAPTURE PERFORMANCE	3
ECO 101	INTRODUCTION TO ECONOMICS	3
ECO 203	ECONOMICS-MACRO	3
ECO 204	ECONOMICS-MICRO	3
ECO 230	MONEY AND BANKING	3
EDU 230	EDUCATIONAL PSYCHOLOGY	3
EGR 105	ENGINEERING FUNDAMENTALS	3
EGR 110	ENGINEERING GRAPHICS WITH COMPUTER AIDED DRAFTING	3
ENG 203	CREATIVE WRITING I	3
ENG 204	CREATIVE WRITING II	3
HES 204	PRINCIPLES AND INTRODUCTION TO PHYSICAL EDUCATION	2
HES 127	FITNESS FOR LIFE	2
HIS 204	INTRODUCTION TO PUBLIC HISTORY	3
HIS 208	THE FILM AS SOCIAL HISTORY	3
MAT 130	MATHEMATICS FOR ELEMENTARY TEACHERS	4
MAT 132	GEOMETRY FOR ELEMENTARY TEACHERS	4

Emphases in Associate of Arts and Sciences

- Associate of Arts and Sciences - Pre-Engineering Emphasis (AAS) (<http://www-public.courseleaf.com/undergraduate/integrated-studies/associate-of-arts-and-sciences/pre-engineering-emphasis/>)
- Associate of Arts and Sciences - Pre-Food Sciences Emphasis (AAS) (<http://www-public.courseleaf.com/undergraduate/integrated-studies/associate-of-arts-and-sciences/pre-food-science-emphasis/>)
- Associate of Arts and Sciences - Pre-Nursing Emphasis (AAS) (<http://www-public.courseleaf.com/undergraduate/integrated-studies/associate-of-arts-and-sciences/pre-nursing-emphasis/>)