Baker College

UNDERGRADUATE & GRADUATE CATALOG

2021 / 2022

Contents

Academic Calendar

Fall Semester 2021

On-ground and Online Classes Begin	August 23
Residence Hall Move Date:	
Owosso Freshmen	August 20th
Returning Owosso Students	August 21st/22nd
Port Huron	August 21
Muskegon	August 21
Cadillac	August 21
Labor Day Holiday/Campuses Closed	September 6
Online First Session Classes End	October 17
Online Second Session Classes Begin	October 18
Reporting Census Date	October 29
Thanksgiving Holiday/Campuses Closed	November 25-26
On-ground and Online Semester Ends	December 12
Christmas Holiday/Campuses Closed	December 24 - January 3, 2022

Spring Semester 2022

Classes Begin	January 10
Martin Luther King Day Holiday/Campuses Closed	January 17
Online First Session Classes End	March 6
Spring Break - No Classes	March 7-11
Online Second Session Classes Begin	March 14
Reporting Census Date	March 25
Semester Ends	May 8

Summer Semester 2022

Classes Begin	May 23
Memorial Day Holiday/Campuses Closed	May 30
Online First Session Classes End	July 3
Independence Day Holiday/Campuses Closed	July 4
Online Second Session Classes Begin	July 4
Reporting Census Date	July 15
Semester Ends	August 14

Fall Semester 2022

Classes Begin	August 29
Labor Day Holiday/Campuses Closed	September 5
Online First Session Classes End	October 23
Online Second Session Classes Begin	October 24
Reporting Census Date	November 4
Thanksgiving Holiday/Campuses Closed	November 24-25
Semester Ends	December 18
Christmas Holiday/Campuses Closed	December 24 - January 2, 2023

Please note: Dates are subject to change. Please check with your campus.

Academic Welcome Experience

An Introduction to Your Life at Baker College

The Academic Welcome Experience provides students with a smooth and helpful transition to college life. Students will become familiar with campus life, academic requirements, student expectations, learning environments and the many services and resources available to them. It is also an important time for forming relationships and connections with fellow students, program advisors and other members of the Baker College community.

Throughout the Academic Welcome Experience, students will participate either virtually or face-to-face, in a wide array of academic, intellectual, social and professional experiences available at Baker College. Students connect with their advisors and participate in informational sessions aimed toward exploring career opportunities, networking with professionals in their fields and sharing program information.

General Education Requirements

Baker College Mission

The mission of Baker College is to provide quality higher education and training which enable graduates to be successful throughout challenging and rewarding careers.

Institutional Student Learning Outcomes

To achieve the Baker College Mission, general education and program coursework provide students an opportunity to demonstrate:

1. Academic knowledge and skills in Oral and Written Communication, Quantitative Literacy, Information and Technological Literacy, Scientific Practice, and the concepts and methods within disciplines and career paths.

Which allow graduates to: Express ideas, information, and arguments using the most appropriate methods, resources, reasoning, evidence, and technology. Incorporate a variety of perspectives and contextual knowledge.

2. Awareness of self, others, and community in the areas of Intercultural Competence, Inclusion and Equity, Teamwork, Professional and Ethical Behavior, Community Responsibility and Engagement, Civic Knowledge, and Global and Cultural Perspectives.

Which allow graduates to: Participate as responsible members of their professional, civic, and personal groups to address the needs of institutions and communities. Integrate a culturally diverse and globally interdependent frame of reference.

3. Application and integration of knowledge through Critical and Creative Thinking, Inquiry and Analysis, Reflection, Synthesis, and Transfer of Learning within and across disciplines and professions.

Which allow graduates to: Cultivate the habit of mind required to ask probing questions, evaluate a wide variety of information, seek information contradictory to current understanding, solve complex problems, present original solutions to address real-world issues, and engage in learning throughout life.

General Education Goals

General education courses, offered through the College of Liberal Arts and Sciences, the College of Education, the College of Social Science, and the College of Health Science, stimulate curiosity, promote intellectual inquiry, and encourage lifelong learning through an integrated approach to learning. Through the study of real world issues and problems, students will develop competencies in Written Communication, Oral Communication, Scientific Practice, Quantitative Literacy, Digital Information Literacy, Intercultural Competence - Inclusion/Equity, Teamwork/Professional & Ethical Behavior, Civic Knowledge/Global Cultural Perspectives/Community Responsibility, Critical and Creative Thinking, Inquiry/Analysis, Synthesis, Transfer of Learning, and Reflection. These courses provide foundational knowledge and competencies essential for success in any career path.

General education requirements must be met for all for associate and bachelor degree programs. Prerequisites must be met, as required, for each general education course.

Associate Program Requirements

General Education Course Requirements for Associate Degrees: 15 Semester Hours

- 4 required core courses (12 semester hours)

COM 1010 - Composition and Critical Thinking I	03
COM 1020 - Composition and Critical Thinking II	03
MTH 1010 - Quantitative Literacy	03
PSY 2050 - Self and Society	03

- 1 additional General Education Elective (3 semester hours)

ELECTIVE - General Education Elective	03

- some programs may require a particular General Education course

Bachelor Program Requirements

General Education Course Requirements for Bachelor Degrees: 30 Semester Hours

- 6 required core courses (18 semester hours)

COM 1010 - Composition and Critical Thinking I	03
COM 1020 - Composition and Critical Thinking II	03
HUM 3910 - Integrated Seminar	03
MTH 1010 - Quantitative Literacy	03
PSY 2050 - Self and Society	03
SOC 3050 - Personal, Civic, and Global Perspectives	03

- 4 additional General Education courses (12 semester hours) including:

One higher-level math course (i.e. MTH 1070, 1120, 2750 or higher)	12
One Scientific Inquiry course	

Two General Education Electives: some programs may require a particular General Education courses.

All graduates must meet the general education competency requirements prior to graduation.

NOTE: While there are no specific general education requirements for certificate programs, general education courses may be required as part of a certificate as determined by the individual program.

General Education Electives

BIO 1210/1211	Human Anatomy and Physiology I and Lab*	03/01
BIO 1220/1221	Human Anatomy and Physiology II and Lab*	03/01
BIO 2410/2411	Microbiology and Lab*	03/01
CHM 2310	Biochemistry*	03
CHM 2460	General Chemistry and Lab*	04/0
COM 2050	Public Speaking	03
COM 2110	Group Dynamics	03
COM 2150	Advanced Professional Communications	03
ECN 2010	Principles of Macroeconomics	03
ECN 2110	Principles of Microeconomics	03
ECN 3010	International Economics	03
ENG 2050	Mass Media and Society	03
ENG 2410	Creative Writing	03
GEO 1010	Human Geography	03
GEO 1110	Physical Geography	03
HIS 1010	Introduction to History	03

HUM 3610	Art Appreciation	03
HUM 3650	Music Appreciation	03
LIT 2050	Introduction to Literature: World Masterpieces and Critical Approaches	03
LIT 3310	American Literature	03
MTH 1070	Quantitative Reasoning	03
MTH 1110	College Algebra I	03
MTH 1120	College Algebra II	03
MTH 1210	Trigonometry	03
MTH 1310	Pre-Calculus	05
MTH 1410	Introduction to Discrete Mathematics	03
MTH 1510	Calculus I	04
MTH 2510	Calculus II	04
MTH 2750	Statistical Methods	03
MTH 3510	Multivariable Calculus	04
MTH 3550	Differential Equations and Linear Algebra	04
PHY 2150	Integrated Physics*	03
PHY 2510/L	General Physics I and Lab*	04/0
PHY 2520/L	General Physics II and Lab*	04/0
PHY 3210	Principles of Astronomy*	03
POL 1010	Introduction to Political Science	03
PSY 1110	General Psychology	03
PSY 2110	Psychology of Death and Dying	03
PSY 2210	Developmental Psychology	03
PSY 2310	Industrial Organizational Psychology	03
PSY 3110	Abnormal Psychology	03
PSY 3210	Psychology of Disability	03
PSY 3350	Human Sexuality	03
PSY 3410	Child Psychology	04
PSY 3510	Adolescent Psychology	03
PSY 4010	Social Psychology	03
PSY 4150	Gerontology	03
SCI 2710	Environmental Science*	03
SOC 2010	Sociology	03
SOC 2210	Cultural Diversity	03
SPN 1010	Spanish I	03
SPN 1020	Spanish II	03

*Course satisfied Scientific Inquiry requirement

Baker College Michigan Transfer Agreement (MTA)

The Michigan Transfer Agreement (MTA) is designed to facilitate the transfer of general education requirements. Students can view a list of participating institutions at macrao.org.

The MTA requirements should fulfill all or the majority of the student's lower-level general education credits, dependent on the requirements of the student's major. A transfer student must be admissible to a receiving institution in order to benefit from the MTA. Students may meet requirements of the MTA as a stand-alone package.

To fulfill the Michigan Transfer Agreement, students must successfully complete at least 30 semester hours (or 46 quarter credit hours) with at least a 2.0 GPA in each course. These credits, which will be certified by a Michigan college, should be met according to the following distribution.

If these courses do not add up to 30 semester hours the student must take an additional course from one of the groups.

Semester Credit Requirements:

- One course in English Composition
- A second course in English Composition OR one course in Communication
- One course in Mathematics from one of three pathways: College Algebra, Statistics, or Quantitative Reasoning
- Two courses in Social Science (from two disciplines)
- Two courses in Humanities and Fine Arts (from two disciplines, excluding studio and performance classes)
- Two courses in Natural Sciences, including one with laboratory experience (from two disciplines)

Following are the Baker College courses that meet the Michigan Transfer Agreement:

Course #	Course Title	Semester Hours
COM 1010 - Composition and Critical Thinking I		03

Select One Communication or English Composition Course from the Following:

COM 1020 - Composition and Critical Thinking II		03
COM 2050 - Public Speaking		03

Select One Mathematics Course from the Following:

MTH 1070 - Quantitative Reasoning		03
MTH 1120 - College Algebra II		03
MTH 1310 - Pre-Calculus		05
MTH 1510 - Calculus I		04
MTH 2510 - Calculus II		04
MTH 2750 - Statistical Methods		03

Select Two Social Science Courses from the Following (You cannot choose two from the same discipline.):

ECN 2010 - Principles of Macroeconomics		03
ECN 2110 - Principles of Microeconomics		03
POL 1010 - Introduction to Political Science		03
PSY 1110 - General Psychology		03
PSY 2050 - Self and Society		03
PSY 2110 - Psychology of Death and Dying		03
PSY 3110 - Abnormal Psychology		03
SOC 2010 - Sociology		03
SOC 2210 - Cultural Diversity		03
SOC 3050 - Personal, Civic, and Global Perspectives		03

Select Two Humanities Courses from the Following: (You cannot choose two from the same discipline.):

COM 2110 - Group Dynamics		03
ENG 2410 - Creative Writing		03
HUM 3610 - Art Appreciation		03
HUM 3650 - Music Appreciation		03
LIT 2050 - Introduction to Literature: World Masterpieces and Critical Approaches		03
SPN 1010 - Spanish I		03

Select Two Natural Sciences Courses from the Following (One course choice must have an accompanying Lab but you cannot choose two from the same discipline.):

BIO 1210 - Human Anatomy and Physiology I		03
BIO 1211 - Human Anatomy and Physiology I Lab		01
BIO 1220 - Human Anatomy and Physiology II		03
BIO 1221 - Human Anatomy and Physiology II Lab		01
BIO 2410 - Microbiology		03
BIO 2411 - Microbiology Lab		01
CHM 2460 - General Chemistry		04
CHM 2460L - General Chemistry Lab		00
PHY 2150 - Integrated Physics		03
PHY 2510 - General Physics I		04
PHY 2510L - General Physics I Lab		00
PHY 2520 - General Physics II		04
PHY 2520L - General Physics II Lab		00
PHY 3210 - Principles of Astronomy		03
SCI 2710 - Environmental Science		03

Undergraduate Programs

College of Liberal Arts and Sciences
Associate of Applied Science
- General Studies, AAS

Bachelor of General Studies
- General Studies, AAS

Dean: Patty Kaufman, Ed.D

Institutional Student Learning Outcomes
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1. Academic knowledge and skills in Oral and Written Communication, Quantitative Literacy, Information and Technological Literacy, Scientific Practice, and the concepts and methods within disciplines and career paths.
- *Which allow graduates to: Express ideas, information, and arguments using the most appropriate methods, resources, reasoning, evidence, and technology. Incorporate a variety of perspectives and contextual knowledge.*

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- *Which allow graduates to: Participate as responsible members of their professional, civic, and personal groups to address the needs of institutions and communities. Integrate a culturally diverse and globally interdependent frame of reference.*

3. Application and integration of knowledge through Critical and Creative Thinking, Inquiry and Analysis, Reflection, Synthesis, and Transfer of Learning within and across disciplines and professions.
- *Which allow graduates to: Cultivate the habit of mind required to ask probing questions, evaluate a wide variety of information, seek information contradictory to current understanding, solve complex problems, present original solutions to address real-world issues, and engage in learning throughout life.*

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MTH 1010 - Required for Bachelor and Associate
MTA courses (prerequisite course(s) if required)
MTH 1070 Quantitative Reasoning
MTH 1120 College Algebra II (MTH 1110 College Algebra I)
MTH 1310 Pre-Calculus (MTH 1110 College Algebra I)
MTH 1510 Calculus I (MTH 1110 College Algebra I, MTH 1120 College Algebra II and MTH 1210 Trigonometry OR
MTH 1310 Pre-Calculus) MTH 2510 Calculus II (MTH 1520 Calculus)
MTH 2750 Statistical Methods

The Goals of the General Studies degrees at Baker College are the following:
1. Produce various communications that respond appropriately to a variety of rhetorical situations (audiences, purposes, and contexts) relevant to both their academic courses and the workplace.
2. Apply knowledge through critical and creative thinking, inquiry and analysis, reflection, synthesis, and transfer of learning within and across disciplines and professions.
3. Integrate academic knowledge and skills in oral and written communication, quantitative literacy, digital information literacy, scientific practice, technologies, and the concepts and methods within disciplines and career paths.
4. Incorporate awareness of self, others, and community in the areas of intercultural competence, inclusion and equity, teamwork, professional and ethical behavior, community responsibility and engagement, civic knowledge, and global and cultural perspectives.

General Studies, Associate of Applied Science

An associate degree in general studies provides opportunities to develop valuable, lifelong skills in oral and written communication, critical thinking, problem solving, evaluation, analysis, and synthesis. The program offers a curriculum to establish a core of knowledge, which can lead to many different careers or lay the groundwork for further studies and specialization.

MTA Required Hours Total	**30**
Elective Credit Hours	**15**
Science Electives	**15**

MTA Courses
- COM 1010 - Composition and Critical Thinking I **Credits:** 3

Select Communications or the English Composition Course from the Following:
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2050 - Public Speaking **Credits:** 3

Required Mathematics:
(MTH1010 does not meet MTA requirements.)
- MTH 1010 - Quantitative Literacy **Credits:** 3

Select One Mathematics Course from the Following:
- MTH 1070 - Quantitative Reasoning **Credits:** 3
- MTH 1120 - College Algebra II **Credits:** 3
- MTH 1310 - Pre-Calculus **Credits:** 5
- MTH 1510 - Calculus I **Credits:** 4
- MTH 2510 - Calculus II **Credits:** 4
- MTH 2750 - Statistical Methods **Credits:** 3

Select Two Social Science Courses from the Following (You cannot choose two courses from the same discipline.):
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- POL 1010 - Introduction to Political Science **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- PSY 2110 - Psychology of Death and Dying **Credits:** 3
- PSY 3110 - Abnormal Psychology **Credits:** 3
- SOC 2010 - Sociology **Credits:** 3
- SOC 2210 - Cultural Diversity **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Select Two Humanities Courses from the Following (You cannot choose two courses from the same discipline.):
- COM 2110 - Group Dynamics **Credits:** 3
- ENG 2410 - Creative Writing **Credits:** 3
- HUM 3610 - Art Appreciation **Credits:** 3
- HUM 3650 - Music Appreciation **Credits:** 3
- LIT 2050 - Introduction to Literature: World Masterpieces and Critical Approaches **Credits:** 3
- SPN 1010 - Spanish I **Credits:** 3

Select Two Natural Sciences Courses from the Following (You cannot choose two courses from the same discipline.):
Complete two Natural Sciences Courses from the Following (You must select two courses from two different disciplines and one course choice must have an accompanying Lab AND it MUST be taken on-ground, in a collegiate setting, under the direction of an instructor.):
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2410 - Microbiology **Credits:** 3

- BIO 2411 - Microbiology Lab **Credits:** 1
- CHM 2460 - General Chemistry **Credits:** 4
- CHM 2460L - General Chemistry Lab **Credits:** 0
- PHY 2150 - Integrated Physics **Credits:** 3
- PHY 2510 - General Physics I **Credits:** 4
- PHY 2510L - General Physics I Lab **Credits:** 0
- PHY 2520 - General Physics II **Credits:** 4
- PHY 2520L - General Physics II Lab **Credits:** 0
- PHY 3210 - Principles of Astronomy **Credits:** 3
- SCI 2710 - Environmental Science **Credits:** 3

Semester Hours Required for Graduation - 60
Note: Students must successfully complete 30 total semester hours - an additional course may be needed to equal 30 total hours

General Studies, Bachelor of General Studies

The Bachelor of General Studies degree program offers an interdisciplinary curriculum to establish a core of knowledge which can lead to many different careers or lay the groundwork for further studies and specialization, while providing students with strong communication and critical thinking skills. The program is also a great opportunity for students who have already earned substantial college credits prior to enrolling in the program, as it can prepare students for a career change or advancement into graduate education. The program is designed for students interested in combining coursework in two or more disciplines within General Studies subject areas to create an interdisciplinary degree.

Elective Credit Hours	**45**
Concentration I	**21**
Concentration II	**21**

Note: A minimum of fifteen semester credit hours of the 87 credit hours in the two concentrations and elective credit hours must come from 3000 or 4000 level courses.
A concentration is a group of courses that generally are from the same discipline, for example, a Psychology concentration or a Marketing concentration. Concentrations must be approved at the time of enrollment in this program.

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3

Select One Communication or Literature Course from the Following:
- COM 2050 - Public Speaking **Credits:** 3
- COM 2110 - Group Dynamics **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- LIT 2050 - Introduction to Literature: World Masterpieces and Critical Approaches **Credits:** 3

Select One Economics or Psychology Course from the Following:
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3

Select One Mathematics Course from the Following:
- MTH 1120 - College Algebra II **Credits:** 3
- MTH 1310 - Pre-Calculus **Credits:** 5
- MTH 2750 - Statistical Methods **Credits:** 3

Degree Capstone Requirement - 3 Hours
- COL 4910 - General Studies Capstone Portfolio **Credits:** 3

Semester Hours Required for Graduation - 120

Auto Diesel Institute

Certificate
- Automotive Services Technology, Certificate
- Diesel Service Technology, Certificate
- Welding, Certificate

Associate of Applied Science
- Automotive Services Technology, AAS
- Diesel Service Technology, AAS

Automotive Services Technology, Certificate

Trained and certified in all areas of vehicle service, master technicians use their advanced mechanical, technical, and troubleshooting skills to inspect, maintain, and repair cars and light trucks. In today's market, those who understand new and sophisticated vehicle and service technologies and have advanced training and certifications in multiple areas have the best job opportunities and earning potential.

Automotive Services Technology Certificate - 33 Hours
- AST 1110A - Engine Repair I (A1) **Credits:** 4
- AST 1210A - Suspension and Steering (A4) **Credits:** 4
- AST 1310A - Brakes (A5) **Credits:** 4
- AST 1410A - Electrical/Electronic Systems I (A6) **Credits:** 4
- AST 1510A - Engine Performance I (A8) **Credits:** 4
- AST 2010A - General Maintenance and Safety (G1) **Credits:** 1
- AST 2110A - Engine Repair II (A1) **Credits:** 4
- AST 2410A - Electrical/Electronic Systems II (A6) **Credits:** 4
- AST 2710A - Heating, Ventilation and Air Conditioning (A7) **Credits:** 4

Semester Hours Required for Graduation - 33

Diesel Service Technology, Certificate

As a medium/heavy duty truck technician, responsibilities could include, inspecting, maintaining, repairing, and overhauling major components in trucks, buses and other commercial vehicles. The work can vary from HVAC, electrical, suspension, truck diagnostics, engine diagnostics, brakes, and routine maintenance. Continuing advances in truck and engine technologies have made it essential to have up-to-date training and skills. Advanced training and certifications in this field provide the best opportunity for earning potential.

Certificate - 32 Hours
- DSL 1010 - Diesel Engine Theory **Credits:** 4
- DSL 1410 - Diesel Electrical/Electronic Systems I **Credits:** 4
- DSL 1420 - Diesel Electrical/Electronic Systems II **Credits:** 4
- DSL 1710 - Diesel Engine Repair **Credits:** 4
- DSL 1810 - Introduction to Diesel Maintenance and Repair **Credits:** 4
- DSL 2210 - Heavy Duty Brake Service **Credits:** 4
- DSL 2310 - Heavy Duty Suspension/Steering **Credits:** 4
- DSL 2610 - Heavy Duty Drivetrains **Credits:** 4

Semester Hours Required for Graduation - 32

Welding, Certificate

Welders use welding equipment to join metal parts or fill holes, indentions, or seams in metal products. Anything made of metal can be welded: cars, trucks, aircraft, skyscrapers, bridges, pipes, sculptures, and more. The basic skills of welding are the same across industries so the more you know how to do, the easier it is to shift to other types of work.

Certificate - 27 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- WELD 1010 - Welding Principles **Credits:** 3
- WELD 1110 - Cutting and Oxy-fuel Welding **Credits:** 4
- WELD 1160 - Gas Metal Arc Welding **Credits:** 4
- WELD 1210 - Gas Tungsten Arc Welding **Credits:** 4
- WELD 1260 - Shielded Metal Arc Welding **Credits:** 4
- WELD 1310 - Metallurgy **Credits:** 3

Select One Course from the Following:
- EGR 1010A - Engineering Graphics **Credits:** 2
- WELD 2960 - Welding Certification I and II SMAW and GMAW Processes **Credits:** 2

Semester Hours Required for Graduation - 27

Automotive Services Technology, Associate of Applied Science

Trained and certified in all areas of vehicle service, master technicians use their advanced mechanical, technical, and troubleshooting skills to inspect, maintain, and repair cars and light trucks. In today's market, those who understand new and sophisticated vehicle and service technologies and have advanced training and certifications in multiple areas have the best job opportunities and earning potential.

Automotive Technician Major - 45 Hours
- AST 1110A - Engine Repair I (A1) **Credits:** 4
- AST 1210A - Suspension and Steering (A4) **Credits:** 4
- AST 1310A - Brakes (A5) **Credits:** 4
- AST 1410A - Electrical/Electronic Systems I (A6) **Credits:** 4
- AST 1510A - Engine Performance I (A8) **Credits:** 4
- AST 2010A - General Maintenance and Safety (G1) **Credits:** 1
- AST 2110A - Engine Repair II (A1) **Credits:** 4
- AST 2210A - Automatic Transmission (A2) **Credits:** 4
- AST 2250A - Manual Drive Train (A3) **Credits:** 2
- AST 2410A - Electrical/Electronic Systems II (A6) **Credits:** 4
- AST 2510A - Engine Performance II (A8) **Credits:** 4
- AST 2710A - Heating, Ventilation and Air Conditioning (A7) **Credits:** 4
- WRKAT 2050 - Work Experience **Credits:** 2

General Education Requirements - 15 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

The Automotive Services Technology and Diesel Service Technology programs are accredited by the ASE Education Foundation, 1503 Edwards Ferry Road NE, Suite 401, Leesburg, VA 20176. For a current list of ASE Education Foundation accredited programs, please visit their website at: www.aseeducationfoundation.org.

Diesel Service Technology, Associate of Applied Science

As a medium/heavy duty truck technician, responsibilities could include, inspecting, maintaining, repairing, and overhauling major components in trucks, buses and other commercial vehicles. The work can vary from HVAC, electrical, suspension, truck diagnostics, engine diagnostics, brakes, and routine maintenance. Continuing advances in truck and engine technologies have made it essential to have up-to-date training and skills. Advanced training and certifications in this field provide the best opportunity for earning potential.

Diesel Service Technology Major - 45 Hours
- DSL 1010 - Diesel Engine Theory **Credits:** 4
- DSL 1410 - Diesel Electrical/Electronic Systems I **Credits:** 4
- DSL 1420 - Diesel Electrical/Electronic Systems II **Credits:** 4
- DSL 1710 - Diesel Engine Repair **Credits:** 4
- DSL 1810 - Introduction to Diesel Maintenance and Repair **Credits:** 4
- DSL 2210 - Heavy Duty Brake Service **Credits:** 4
- DSL 2310 - Heavy Duty Suspension/Steering **Credits:** 4
- DSL 2410 - Heavy Duty Heating and Air Conditioning **Credits:** 4
- DSL 2610 - Heavy Duty Drivetrains **Credits:** 4
- DSL 2710 - Performance Diagnostics and Systems Maintenance **Credits:** 4
- WRKAT 2050 - Work Experience **Credits:** 2

Select One Course from the Following:
- DSL 1510 - Basic Welding, Cutting and Fabrication **Credits:** 3
- DSL 2910 - Hydraulic Systems and Repair **Credits:** 3

General Education Requirements - 15 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

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Culinary Institute of Michigan

Associate of Applied Science
- Baking and Pastry, AAS
- Culinary Arts, AAS
- Food and Beverage Management, AAS

Dean: Thomas F. Recinella, CEC ®, AAC ®
Honorable Order of the Golden Toque

Baking and Pastry, Associate of Applied Science

Bakers and pastry chefs create breads, pastries, desserts and confections that taste as wonderful as they look. They combine the math and science of baking with imagination and creativity to artfully prepare baked goods, specialty sugars and chocolate confections.

Baking and Pastry Major - 48 Hours
- BAK 1010 - Baking Science **Credits:** 1
- BAK 1110 - Baking Fundamentals **Credits:** 4
- BAK 1210 - Nutritional Baking **Credits:** 4
- BAK 1310 - Classic Pastry Fundamentals **Credits:** 4
- BAK 1410 - Petit Fours and Plated Desserts **Credits:** 4
- BAK 1510 - Chocolate and Confections **Credits:** 4
- BAK 1610 - Showpiece and Specialty Cake Design **Credits:** 4
- BAK 1710 - Cafe and Bakery Operations **Credits:** 4
- CUL 1010 - Sustainability in the Food Service Industry **Credits:** 1
- CUL 1110 - Food Service Career Skills **Credits:** 1
- CUL 1150 - Culinary Math **Credits:** 3
- CUL 1310 - Food Safety and Sanitation **Credits:** 1
- CUL 2210 - Purchasing and Product Identification **Credits:** 4
- FBM 2210 - Menu Planning and Analysis **Credits:** 3
- FBM 2410 - Food and Beverage Management **Credits:** 3
- WRKCM 2010 - Work Experience **Credits:** 3

General Education Requirements - 12 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

The Muskegon and Port Huron Baking and Pastry program is accredited by the American Culinary Federation Education Foundation Accrediting Commission (ACFEFAC). Graduates are eligible to become Certified Pastry Culinarians upon graduation. CIM is the only Institution Statewide and one of the only six in the U.S. to earn the "Recognition of Quality Culinary Education" designation from the Prestigious Global Authority World Association of Chefs' Societies.

Culinary Arts, Associate of Applied Science

Chefs and head cooks combine their culinary arts knowledge and food presentation ideas with strong business and management skills. In addition to preparing food, they develop recipes and menus; supervise, hire and train kitchen staff; review and maintain food and supply inventories; and ensure operations run efficiently and profitably.

Culinary Arts Major - 48 Hours

- CUL 1010 - Sustainability in the Food Service Industry **Credits:** 1
- CUL 1110 - Food Service Career Skills **Credits:** 1
- CUL 1150 - Culinary Math **Credits:** 3
- CUL 1310 - Food Safety and Sanitation **Credits:** 1
- CUL 1410 - Nutritional Cooking **Credits:** 1
- CUL 1510 - Culinary Skills I **Credits:** 4
- CUL 1520 - Culinary Skills II **Credits:** 4
- CUL 1530 - Global Cuisine and Buffet Production **Credits:** 4
- CUL 2160 - Baking for Culinary Students **Credits:** 4
- CUL 2210 - Purchasing and Product Identification **Credits:** 4
- CUL 2250 - Table Service **Credits:** 4
- CUL 2310 - Garde Manger **Credits:** 4
- CUL 2510 - Restaurant Techniques **Credits:** 4
- FBM 2210 - Menu Planning and Analysis **Credits:** 3
- FBM 2410 - Food and Beverage Management **Credits:** 3
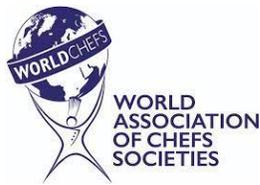- WRKCM 2010 - Work Experience **Credits:** 3

General Education Requirements - 12 Hours

- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

The Muskegon and Port Huron Culinary Arts program is accredited by the American Culinary Federation Education Foundation Accrediting Commission (ACFEFAC). Graduates are eligible to become Certified Culinarians upon graduation.

CIM is the only Institution Statewide and one of the only six in the U.S. to earn the "Recognition of Quality Culinary Education" designation from the Prestigious Global Authority World Association of Chefs' Societies.

Food and Beverage Management, Associate of Applied Science

Food and beverage managers are responsible for the total management of food service operations, ensuring customers are fully satisfied with their dining experiences. It is work that requires leadership, customer service skills, sound business judgment and problem-solving expertise.

Food and Beverage Management Major - 48 Hours
- CUL 1010 - Sustainability in the Food Service Industry **Credits:** 1
- CUL 1110 - Food Service Career Skills **Credits:** 1
- CUL 1150 - Culinary Math **Credits:** 3
- CUL 1310 - Food Safety and Sanitation **Credits:** 1
- CUL 2210 - Purchasing and Product Identification **Credits:** 4
- CUL 2250 - Table Service **Credits:** 4
- FBM 1110 - Food Culture and Introduction to Wine **Credits:** 3
- FBM 1210A - Culinary Fundamentals **Credits:** 1
- FBM 2210 - Menu Planning and Analysis **Credits:** 3
- FBM 2310 - Hospitality Financial Management **Credits:** 3
- FBM 2410 - Food and Beverage Management **Credits:** 3
- FBM 2450 - Convention and Banquet Sales and Service **Credits:** 3
- FBM 2550A - Beer Styles and Service **Credits:** 2
- FBM 2610A - Liquor Identification and Mixology **Credits:** 3
- FBM 2650 - Sports and Entertainment Venue Management **Credits:** 1
- FBM 2710 - Hotel Operations Management **Credits:** 3
- FBM 2750 - Club, Resort, and Casino Management **Credits:** 3
- FBM 2810A - Restaurant Operations **Credits:** 3
- WRKCM 2010 - Work Experience **Credits:** 3

General Education Requirements - 12 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

College of Business

Bachelor of Business Administration
- Accounting, BBA
- Business Administration - Accelerated Program, BBA
- Finance, BBA
- Human Resource Management, BBA
- Logistics, BBA
- Management, BBA
- Marketing, BBA

Bachelor/Master of Business Administration
- 4 + 1, BBA/MBA

Dean: Na Li, Ph.D

Accounting, Bachelor of Business Administration

Every organization needs people who are skilled in accounting. The day to day work of accountants ranges from preparing budgets and financial records to completing tax returns and requires attention to detail and the ability to analyze, compare, and interpret financial data. Accountants are also instrumental in helping organizations grow by providing management with the financial information needed for planning, decision making, and operational performance. Additionally, accountants are needed in public, private, civic, and governmental entities.

Accounting Major - 36 Hours
- ACC 2010 - Intermediate Accounting I **Credits:** 3
- ACC 2210 - Taxation I **Credits:** 3
- ACC 2610A - Managerial Accounting **Credits:** 3
- ACC 3010 - Intermediate Accounting II **Credits:** 3
- ACC 3510 - Governmental and Not-for-Profit Accounting **Credits:** 3
- ACC 3610A - Cost Accounting **Credits:** 3
- ACC 3620 - Auditing and Assurance I **Credits:** 3
- ACC 4210 - Taxation II **Credits:** 3
- ACC 4620 - Auditing and Assurance II **Credits:** 3
- ACC 4820 - Accounting Information Systems **Credits:** 3
- ACC 4910 - Advanced Accounting **Credits:** 3
- WRK 4950 - Accounting Work Experience **Credits:** 3

Bachelor of Business Administration - 54 Hours
- ACC 1010 - Principles of Accounting I **Credits:** 3
- ACC 1020 - Principles of Accounting II **Credits:** 3
- BUS 3050 - Business Analytics **Credits:** 3
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- ELECTIVE - Business Elective **Credits:** 15 (see BUS Elective list below)
- FIN 3010 - Principles of Finance **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- LAW 2110 - Business Law **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 4220 - Operations Management **Credits:** 3
- MKT 1110 - Principles of Marketing **Credits:** 3
- WRKBS 2010 - Work Experience **Credits:** 3

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Business Electives - 15 Hours
Select Five BUS Electives from the Following Options:
- ACC 2010 - Intermediate Accounting I **Credits:** 3
- ACC 2210 - Taxation I **Credits:** 3
- ACC 2610A - Managerial Accounting **Credits:** 3
- ACC 3010 - Intermediate Accounting II **Credits:** 3
- ACC 4710 - Forensic Accounting **Credits:** 3
- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- COM 2050 - Public Speaking **Credits:** 3
- COM 2110 - Group Dynamics **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ECN 3010 - International Economics **Credits:** 3
- EN 2010 - Introduction to Entrepreneurship **Credits:** 3
- FIN 1010 - Personal Finance **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- FIN 3250 - Banking and Financial Institutions **Credits:** 3
- FIN 3550 - Financial Markets **Credits:** 3
- HRM 3010A - Staffing Human Resources **Credits:** 3
- HRM 3110 - Compensating Human Resources **Credits:** 3
- HRM 3150 - Performance Management of Human Resources **Credits:** 3
- HRM 3410A - Training and Development **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3310 - Applied Leadership **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- MKT 3010 - Introduction to Marketing Media Tools and Design **Credits:** 3
- MKT 3050 - Contemporary Trends in Social Media Marketing **Credits:** 3
- MKT 3110 - Consumer Behavior **Credits:** 3
- MKT 3210 - Sales **Credits:** 3
- MKT 3410 - Digital Marketing I **Credits:** 3
- NPMG 3010 - Grant Writing **Credits:** 3
- NPMG 3310 - Fund Development **Credits:** 3
- PPM 4110 - Leading Project Teams **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2310 - Industrial Organizational Psychology **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- SCM 3210 - Manufacturing, Planning and Control **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WEB 1210 - World Wide Web Design **Credits:** 3

- WEB 1310 - Web Development I **Credits:** 3
- WEB 1320 - Web Development II **Credits:** 3
- WEB 2110 - Web Scripting **Credits:** 3
- WEB 2210 - Interactive Web Design **Credits:** 3
- WRI 3010 - Report Writing **Credits:** 3

Semester Hours Required for Graduation - 120

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Business Administration - Accelerated Program, Bachelor of Business Administration

Management professionals organize, plan, and lead people and activities within organizations. These professionals are often expected to develop skills in several of the following areas: marketing, finance, accounting, operations, and information management. Working closely with their teams, managers assign work; ensure the teams have appropriate resources, skills and training; and keep them motivated. It is challenging work that requires effective problem-solving, decision-making, and communication skills.

- ELECTIVE Transfer/Work/Military **Credits: 48**

Major Core - 24 Hours
- BUS 3110 - Accounting for Managers **Credits:** 4
- BUS 3710 - Financial Analysis and Applications **Credits:** 4
- BUS 4010A - International Business for Managers **Credits:** 4
- BUS 4110A - Employment Law **Credits:** 4
- BUS 4210 - Marketing Management **Credits:** 4
- BUS 4310A - Strategic Development and Implementation **Credits:** 4

Required Core Competences - 18 Hours
- ELECTIVE - Accounting Elective **Credits:** 3
- ELECTIVE - Economics Elective **Credits:** 3
- ELECTIVE - Law Elective **Credits:** 3
- ELECTIVE - Management Elective **Credits:** 3
- ELECTIVE - Business Elective **Credits:** 6

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Semester Hours Required for Graduation - 120

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Finance, Bachelor of Business Administration

Corporations, pension funds, insurance companies, and other organizations and individuals who make investment decisions rely on financial analysts to provide information and guidance. By applying their analytical and decision-making skills, they assess stock and bond performance, study trends, and develop portfolio strategies and recommendations to meet financial goals.

Finance Major - 36 Hours
- ACC 2210 - Taxation I **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- FIN 3250 - Banking and Financial Institutions **Credits:** 3
- FIN 3410 - Credit Analysis and Commercial Lending **Credits:** 3
- FIN 3550 - Financial Markets **Credits:** 3
- FIN 4010 - Personal Financial Planning **Credits:** 3
- FIN 4510 - International Financial Management **Credits:** 3
- FIN 4610 - Investment Management **Credits:** 3
- FIN 4710 - Financial Statement Analysis **Credits:** 3
- FIN 4910 - Finance Seminar **Credits:** 3
- WRKBS 2010 - Work Experience **Credits:** 3
- WRKBS 4010 - Work Experience **Credits:** 3

Bachelor of Business Administration - 54 Hours
- ACC 1010 - Principles of Accounting I **Credits:** 3
- ACC 1020 - Principles of Accounting II **Credits:** 3
- BUS 3050 - Business Analytics **Credits:** 3
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- ELECTIVES - Business Electives **Credit:** 15 (see elective list below)
- FIN 3010 - Principles of Finance **Credits:** 3
- LAW 2110 - Business Law **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2110A - Human Resources Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MGT 4220 - Operations Management **Credits:** 3
- MKT 1110 - Principles of Marketing **Credits:** 3

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Business Electives - 15 Hours
Select Five BUS Electives from the Following Options:
- ACC 2010 - Intermediate Accounting I **Credits:** 3
- ACC 2210 - Taxation I **Credits:** 3
- ACC 2610A - Managerial Accounting **Credits:** 3
- ACC 3010 - Intermediate Accounting II **Credits:** 3
- ACC 4710 - Forensic Accounting **Credits:** 3
- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3

- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- COM 2050 - Public Speaking **Credits:** 3
- COM 2110 - Group Dynamics **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ECN 3010 - International Economics **Credits:** 3
- EN 2010 - Introduction to Entrepreneurship **Credits:** 3
- FIN 1010 - Personal Finance **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- FIN 3250 - Banking and Financial Institutions **Credits:** 3
- FIN 3550 - Financial Markets **Credits:** 3
- HRM 3010A - Staffing Human Resources **Credits:** 3
- HRM 3110 - Compensating Human Resources **Credits:** 3
- HRM 3150 - Performance Management of Human Resources **Credits:** 3
- HRM 3410A - Training and Development **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3310 - Applied Leadership **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- MKT 3010 - Introduction to Marketing Media Tools and Design **Credits:** 3
- MKT 3050 - Contemporary Trends in Social Media Marketing **Credits:** 3
- MKT 3110 - Consumer Behavior **Credits:** 3
- MKT 3210 - Sales **Credits:** 3
- MKT 3410 - Digital Marketing I **Credits:** 3
- NPMG 3010 - Grant Writing **Credits:** 3
- NPMG 3310 - Fund Development **Credits:** 3
- PPM 4110 - Leading Project Teams **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2310 - Industrial Organizational Psychology **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- SCM 3210 - Manufacturing, Planning and Control **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WEB 1210 - World Wide Web Design **Credits:** 3
- WEB 1310 - Web Development I **Credits:** 3
- WEB 1320 - Web Development II **Credits:** 3
- WEB 2110 - Web Scripting **Credits:** 3
- WEB 2210 - Interactive Web Design **Credits:** 3
- WRI 3010 - Report Writing **Credits:** 3

Semester Hours Required for Graduation - 120

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Human Resource Management, Bachelor of Business Administration

Human resource managers are responsible for attracting, motivating, and retaining qualified employees and matching them to the right jobs. Coordinating a team of specialists, they oversee employee recruiting and hiring, establish compensation guidelines, and help limit job turnover, often in concert with hiring managers and other key organizational stakeholders. They also help employees improve their skills and productivity through training and development opportunities.

The Society for Human Resource Management (SHRM) acknowledges that the Baker College Bachelor of Business Administration Human Resource Management program is aligned with SHRM's HR Curriculum Guidebook and Templates.

The HR Curriculum Guidebook and Templates were developed by SHRM to define the HR content areas for study by students at the undergraduate and graduate levels. The guidelines, created in 2006 and revalidated in 2010, 2013, and 2018, are part of SHRM's Academic Initiative to define HR education standards taught in university business schools and to help universities develop degree programs that follow these standards.

Human Resource Management Major - 36 Hours
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- HRM 3010A - Staffing Human Resources **Credits:** 3
- HRM 3110 - Compensating Human Resources **Credits:** 3
- HRM 3150 - Performance Management of Human Resources **Credits:** 3
- HRM 3410A - Training and Development **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- HRM 4510 - Employee and Labor Relations **Credits:** 3
- HRM 4910 - Strategic Human Resource Management **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- WRKBS 2010 - Work Experience **Credits:** 3
- WRKBS 4010 - Work Experience **Credits:** 3

Bachelor of Business Administration - 54 Hours
- ACC 1010 - Principles of Accounting I **Credits:** 3
- ACC 1020 - Principles of Accounting II **Credits:** 3
- BUS 3050 - Business Analytics **Credits:** 3
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- ELECTIVES - Business Electives **Credit:** 15 (see elective list below)
- FIN 3010 - Principles of Finance **Credits:** 3
- LAW 2110 - Business Law **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2110A - Human Resources Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MGT 4220 - Operations Management **Credits:** 3
- MKT 1110 - Principles of Marketing **Credits:** 3

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Business Electives - 15 Hours
Select Five BUS Electives from the Following Options:
- ACC 2010 - Intermediate Accounting I **Credits:** 3
- ACC 2210 - Taxation I **Credits:** 3
- ACC 2610A - Managerial Accounting **Credits:** 3
- ACC 3010 - Intermediate Accounting II **Credits:** 3
- ACC 4710 - Forensic Accounting **Credits:** 3
- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- COM 2050 - Public Speaking **Credits:** 3
- COM 2110 - Group Dynamics **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ECN 3010 - International Economics **Credits:** 3
- EN 2010 - Introduction to Entrepreneurship **Credits:** 3
- FIN 1010 - Personal Finance **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- FIN 3250 - Banking and Financial Institutions **Credits:** 3
- FIN 3550 - Financial Markets **Credits:** 3
- HRM 3010A - Staffing Human Resources **Credits:** 3
- HRM 3110 - Compensating Human Resources **Credits:** 3
- HRM 3150 - Performance Management of Human Resources **Credits:** 3
- HRM 3410A - Training and Development **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3310 - Applied Leadership **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- MKT 3010 - Introduction to Marketing Media Tools and Design **Credits:** 3
- MKT 3050 - Contemporary Trends in Social Media Marketing **Credits:** 3
- MKT 3110 - Consumer Behavior **Credits:** 3
- MKT 3210 - Sales **Credits:** 3
- MKT 3410 - Digital Marketing I **Credits:** 3
- NPMG 3010 - Grant Writing **Credits:** 3
- NPMG 3310 - Fund Development **Credits:** 3
- PPM 4110 - Leading Project Teams **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2310 - Industrial Organizational Psychology **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- SCM 3210 - Manufacturing, Planning and Control **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WEB 1210 - World Wide Web Design **Credits:** 3
- WEB 1310 - Web Development I **Credits:** 3
- WEB 1320 - Web Development II **Credits:** 3
- WEB 2110 - Web Scripting **Credits:** 3
- WEB 2210 - Interactive Web Design **Credits:** 3
- WRI 3010 - Report Writing **Credits:** 3

Semester Hours Required for Graduation - 120
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Logistics, Bachelor of Business Administration

This program provides the skills and knowledge required to be successful throughout a challenging and rewarding career within a logistics/supply chain management occupation. Graduates will have opportunities that utilize a multitude of talents and skills, providing an invigorating and exciting career that never grows stagnant. Potential occupations include demand planner, project manager, vendor-managed inventory analyst, logistics analyst, warehouse manager, production planner, and transportation specialist. According to the Council of Supply Chain Management Professionals, the supply chain management industry is one of the fastest growing industries within the United States and the world with logistics alone accounting for 8% of the U.S. Gross Domestic Product.

Students finishing this program will have completed a well-rounded curriculum including business and general education cores, as well as the major core that examines all aspects of the industry from raw materials to end users and everything in between. Global perspectives combined with cultural diversity are interwoven within the curriculum creating an awareness of today's business environment within which the students will ultimately compete.

Logistics Major - 36 Hours
- ACC 2610A - Managerial Accounting **Credits:** 3
- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- SCM 3210 - Manufacturing, Planning and Control **Credits:** 3
- SCM 4010 - Decision Modeling in Supply Chains **Credits:** 3
- SCM 4210 - Advanced Topics in Supply Chain Management **Credits:** 3
- WRKBS 2010 - Work Experience **Credits:** 3
- WRKBS 4010 - Work Experience **Credits:** 3

Bachelor of Business Administration - 54 Hours
- ACC 1010 - Principles of Accounting I **Credits:** 3
- ACC 1020 - Principles of Accounting II **Credits:** 3
- BUS 3050 - Business Analytics **Credits:** 3
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- ELECTIVES - Business Electives **Credit:** 15 (see elective list below)
- FIN 3010 - Principles of Finance **Credits:** 3
- LAW 2110 - Business Law **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2110A - Human Resources Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MGT 4220 - Operations Management **Credits:** 3
- MKT 1110 - Principles of Marketing **Credits:** 3

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Business Electives - 15 Hours

Select Five BUS Electives from the Following Options:
- ACC 2010 - Intermediate Accounting I **Credits:** 3
- ACC 2210 - Taxation I **Credits:** 3
- ACC 2610A - Managerial Accounting **Credits:** 3
- ACC 3010 - Intermediate Accounting II **Credits:** 3
- ACC 4710 - Forensic Accounting **Credits:** 3
- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- COM 2050 - Public Speaking **Credits:** 3
- COM 2110 - Group Dynamics **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ECN 3010 - International Economics **Credits:** 3
- EN 2010 - Introduction to Entrepreneurship **Credits:** 3
- FIN 1010 - Personal Finance **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- FIN 3250 - Banking and Financial Institutions **Credits:** 3
- FIN 3550 - Financial Markets **Credits:** 3
- HRM 3010A - Staffing Human Resources **Credits:** 3
- HRM 3110 - Compensating Human Resources **Credits:** 3
- HRM 3150 - Performance Management of Human Resources **Credits:** 3
- HRM 3410A - Training and Development **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3310 - Applied Leadership **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- MKT 3010 - Introduction to Marketing Media Tools and Design **Credits:** 3
- MKT 3050 - Contemporary Trends in Social Media Marketing **Credits:** 3
- MKT 3110 - Consumer Behavior **Credits:** 3
- MKT 3210 - Sales **Credits:** 3
- MKT 3410 - Digital Marketing I **Credits:** 3
- NPMG 3010 - Grant Writing **Credits:** 3
- NPMG 3310 - Fund Development **Credits:** 3
- PPM 4110 - Leading Project Teams **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2310 - Industrial Organizational Psychology **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- SCM 3210 - Manufacturing, Planning and Control **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WEB 1210 - World Wide Web Design **Credits:** 3
- WEB 1310 - Web Development I **Credits:** 3
- WEB 1320 - Web Development II **Credits:** 3
- WEB 2110 - Web Scripting **Credits:** 3
- WEB 2210 - Interactive Web Design **Credits:** 3
- WRI 3010 - Report Writing **Credits:** 3

Semester Hours Required for Graduation - 120

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Management, Bachelor of Business Administration

The objective of this program is to train broadly competent managers for leadership roles in a wide variety of organizations, public or private, product or service oriented, and profit or not-for-profit. To accomplish this objective, this program offers students the opportunity to acquire knowledge about the management of human and physical resources and to acquire skills useful in the management of any organization. This program emphasizes the importance of effective oral and written communication, teamwork, critical thinking, data-driven decision making, strategic planning, ethics, entrepreneurial management, and diversity in the business environment. In addition, this program introduces students to the application and strategic use of the acquired knowledge and skills in areas such as personnel management, organizational behavior, production management, international business, and small business.

Management Major - 36 Hours
- ACC 2610A - Managerial Accounting **Credits:** 3
- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3310 - Applied Leadership **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- MGT 4310 - Strategic Management **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- WRKBS 2010 - Work Experience **Credits:** 3
- WRKBS 4010 - Work Experience **Credits:** 3

Bachelor of Business Administration - 54 Hours
- ACC 1010 - Principles of Accounting I **Credits:** 3
- ACC 1020 - Principles of Accounting II **Credits:** 3
- BUS 3050 - Business Analytics **Credits:** 3
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- ELECTIVES - Business Electives **Credit:** 15 (see elective list below)
- FIN 3010 - Principles of Finance **Credits:** 3
- LAW 2110 - Business Law **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2110A - Human Resources Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MGT 4220 - Operations Management **Credits:** 3
- MKT 1110 - Principles of Marketing **Credits:** 3

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Business Electives - 15 Hours
Select Five BUS Electives from the Following Options:
- ACC 2010 - Intermediate Accounting I **Credits:** 3
- ACC 2210 - Taxation I **Credits:** 3
- ACC 2610A - Managerial Accounting **Credits:** 3
- ACC 3010 - Intermediate Accounting II **Credits:** 3
- ACC 4710 - Forensic Accounting **Credits:** 3

- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- COM 2050 - Public Speaking **Credits:** 3
- COM 2110 - Group Dynamics **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ECN 3010 - International Economics **Credits:** 3
- EN 2010 - Introduction to Entrepreneurship **Credits:** 3
- FIN 1010 - Personal Finance **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- FIN 3250 - Banking and Financial Institutions **Credits:** 3
- FIN 3550 - Financial Markets **Credits:** 3
- HRM 3010A - Staffing Human Resources **Credits:** 3
- HRM 3110 - Compensating Human Resources **Credits:** 3
- HRM 3150 - Performance Management of Human Resources **Credits:** 3
- HRM 3410A - Training and Development **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3310 - Applied Leadership **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- MKT 3010 - Introduction to Marketing Media Tools and Design **Credits:** 3
- MKT 3050 - Contemporary Trends in Social Media Marketing **Credits:** 3
- MKT 3110 - Consumer Behavior **Credits:** 3
- MKT 3210 - Sales **Credits:** 3
- MKT 3410 - Digital Marketing I **Credits:** 3
- NPMG 3010 - Grant Writing **Credits:** 3
- NPMG 3310 - Fund Development **Credits:** 3
- PPM 4110 - Leading Project Teams **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2310 - Industrial Organizational Psychology **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- SCM 3210 - Manufacturing, Planning and Control **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WEB 1210 - World Wide Web Design **Credits:** 3
- WEB 1310 - Web Development I **Credits:** 3
- WEB 1320 - Web Development II **Credits:** 3
- WEB 2110 - Web Scripting **Credits:** 3
- WEB 2210 - Interactive Web Design **Credits:** 3
- WRI 3010 - Report Writing **Credits:** 3

Semester Hours Required for Graduation - 120

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Marketing, Bachelor of Business Administration

Marketers provide the link between businesses that have goods and services to sell and customers who want to purchase them. The marketing process involves a variety of activities including research, strategic planning, product development, sales management, and marketing communications. Students in this program participate in active learning and demonstrate an understanding of business principles using case studies, business simulations, computer technology, spreadsheets, written reports, problem analysis, professional presentations, ethical values, a global perspective, and human relations skills through individual and team activities in class and in business situations. This degree offers a solid background in the concepts of marketing and business. A marketing degree can lead to a career in such areas as marketing management, marketing research, personal selling and sales management, retail merchandising and management, and promotional strategy and management.

Marketing Major - 36 Hours
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- MKT 3010 - Introduction to Marketing Media Tools and Design **Credits:** 3
- MKT 3050 - Contemporary Trends in Social Media Marketing **Credits:** 3
- MKT 3110 - Consumer Behavior **Credits:** 3
- MKT 3210 - Sales **Credits:** 3
- MKT 3410 - Digital Marketing I **Credits:** 3
- MKT 3420 - Digital Marketing II **Credits:** 3
- MKT 4010 - Marketing Research **Credits:** 3
- MKT 4110 - International Marketing **Credits:** 3
- MKT 4310 - Marketing Strategy and Design **Credits:** 3
- WRKBS 2010 - Work Experience **Credits:** 3
- WRKBS 4010 - Work Experience **Credits:** 3

Bachelor of Business Administration - 54 Hours
- ACC 1010 - Principles of Accounting I **Credits:** 3
- ACC 1020 - Principles of Accounting II **Credits:** 3
- BUS 3050 - Business Analytics **Credits:** 3
- ECN 2010 - Principles of Macroeconomics **Credits:** 3
- ECN 2110 - Principles of Microeconomics **Credits:** 3
- ELECTIVES - Business Electives **Credit:** 15 (see elective list below)
- FIN 3010 - Principles of Finance **Credits:** 3
- LAW 2110 - Business Law **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2110A - Human Resources Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MGT 4220 - Operations Management **Credits:** 3
- MKT 1110 - Principles of Marketing **Credits:** 3

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Business Electives - 15 Hours
Select Five BUS Electives from the Following Options:
- ACC 2010 - Intermediate Accounting I **Credits:** 3
- ACC 2210 - Taxation I **Credits:** 3
- ACC 2610A - Managerial Accounting **Credits:** 3
- ACC 3010 - Intermediate Accounting II **Credits:** 3
- ACC 4710 - Forensic Accounting **Credits:** 3

- BUS 3010 - Fundamentals of Project Management **Credits:** 3
- BUS 4050 - Advanced Business Analytics **Credits:** 3
- BUS 4410 - Developing Negotiation Skills **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- COM 2050 - Public Speaking **Credits:** 3
- COM 2110 - Group Dynamics **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ECN 3010 - International Economics **Credits:** 3
- EN 2010 - Introduction to Entrepreneurship **Credits:** 3
- FIN 1010 - Personal Finance **Credits:** 3
- FIN 3150 - Risk Management **Credits:** 3
- FIN 3250 - Banking and Financial Institutions **Credits:** 3
- FIN 3550 - Financial Markets **Credits:** 3
- HRM 3010A - Staffing Human Resources **Credits:** 3
- HRM 3110 - Compensating Human Resources **Credits:** 3
- HRM 3150 - Performance Management of Human Resources **Credits:** 3
- HRM 3410A - Training and Development **Credits:** 3
- HRM 4010 - Human Resources and Employment Law **Credits:** 3
- MGT 3110A - Change Management **Credits:** 3
- MGT 3310 - Applied Leadership **Credits:** 3
- MGT 3410A - International Business **Credits:** 3
- MKT 3010 - Introduction to Marketing Media Tools and Design **Credits:** 3
- MKT 3050 - Contemporary Trends in Social Media Marketing **Credits:** 3
- MKT 3110 - Consumer Behavior **Credits:** 3
- MKT 3210 - Sales **Credits:** 3
- MKT 3410 - Digital Marketing I **Credits:** 3
- NPMG 3010 - Grant Writing **Credits:** 3
- NPMG 3310 - Fund Development **Credits:** 3
- PPM 4110 - Leading Project Teams **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2310 - Industrial Organizational Psychology **Credits:** 3
- SCM 3010 - Procurement and Supply Chain Management **Credits:** 3
- SCM 3210 - Manufacturing, Planning and Control **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WEB 1210 - World Wide Web Design **Credits:** 3
- WEB 1310 - Web Development I **Credits:** 3
- WEB 1320 - Web Development II **Credits:** 3
- WEB 2110 - Web Scripting **Credits:** 3
- WEB 2210 - Interactive Web Design **Credits:** 3
- WRI 3010 - Report Writing **Credits:** 3

Semester Hours Required for Graduation - 120

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

4 + 1, Bachelor of Business Administration / Master of Business Administration

The 4+1 program provides an exciting pathway for students to earn a BBA degree and an MBA degree in 5 years. Students in the Bachelor of Business Administration (BBA) program majoring in Accounting, Finance, Human Resource Management, Logistics, Management, or Marketing can apply to this program. Once accepted, students will complete up to 15 MBA credit hours in their junior and senior years to fulfill the Business Elective Requirements. The MBA credits will apply to both the MBA and BBA programs.

Students interested in the 4+1 program should contact their Academic Advisors as early as possible for more information and to ensure they follow the appropriate 4+1 program academic plan. Students must apply to the Center for Graduate Studies after completing 60 credits of their program and before/in the first semester of their junior year in order to be considered official acceptance into the 4+1 program. Students should contact the Enrollment Department to review acceptance criteria.

Semester Hours Required for Graduation - 140-144 Hours (depending on the major)

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

College of Education

Associate of Applied Science
- Early Childhood Education, AAS

Bachelor of Science
- Early Childhood Education, BS

Dean: Patty Kaufman, Ed.D

The College is no longer accepting students in any teacher education program. The last cohort of students will graduate in May, 2023.

Early Childhood Education, Associate of Applied Science

Early childhood educators have the opportunity to have a significant impact on children's lives, using their knowledge and skills to help children explore, learn, and interpret the world around them. The early years of a child's life set the stage, and much of what he or she learns and experiences during this time shapes his or her world in ways that can last a lifetime.

Early Childhood Education Major - 45 Hours
- ECE 1010 - Introduction to Early Childhood Education **Credits:** 3
- ECE 1110 - Early Childhood Development **Credits:** 3
- ECE 1310 - Healthy Environments for Early Childhood **Credits:** 3
- ECE 1410 - Creative Activities **Credits:** 3
- ECE 1510 - Administration of Early Childhood Education Programs **Credits:** 3
- ECE 1650 - Observation and Assessment Techniques for Early Childhood Education Programs **Credits:** 3
- ECE 1710 - Language Development and Language Arts **Credits:** 3
- ECE 1910 - CDA Preparation **Credits:** 2
- ECE 2010 - Infant and Toddler Development and Curriculum **Credits:** 3
- ECE 2020 - Infant and Toddler Development and Curriculum Lab **Credits:** 1
- ECE 2110 - Developing Anti-Bias Curriculum **Credits:** 3
- ECE 2210 - Math, Science, Technology and Engineering for Early Childhood **Credits:** 3
- ECE 2310 - Guidance and Discipline **Credits:** 3
- ECE 2510 - Developing Curriculum for Early Childhood **Credits:** 3
- ECE 2710 - Early Childhood Education Practicum I **Credits:** 3
- ECE 2810 - Parents and Teachers: Partners in Education **Credits:** 3

General Education Requirements - 15 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

The Early Childhood Education Associate Degree program is accredited by the National Association for the Education of Young Children (NAEYC), 1313 L Street NW, Suite 500, Washington, DC 20005; phone: (202) 232-8777; toll free: (800) 424- 2460 or (866) NAEYC-4U; web address: www.naeyc.org.

Early Childhood Education, Bachelor of Science

Early childhood educators have the opportunity to have a significant impact on children's lives, using their knowledge and skills to help children explore, learn, and interpret the world around them. The early years of a child's life set the stage, and much of what he or she learns and experiences during this time shapes his or her world in ways that can last a lifetime.

Early Childhood Education Major - 90 Hours
- ECE 1010 - Introduction to Early Childhood Education **Credits:** 3
- ECE 1110 - Early Childhood Development **Credits:** 3
- ECE 1310 - Healthy Environments for Early Childhood **Credits:** 3
- ECE 1410 - Creative Activities **Credits:** 3
- ECE 1510 - Administration of Early Childhood Education Programs **Credits:** 3
- ECE 1650 - Observation and Assessment Techniques for Early Childhood Education Programs **Credits:** 3
- ECE 1710 - Language Development and Language Arts **Credits:** 3
- ECE 1910 - CDA Preparation **Credits:** 2
- ECE 2010 - Infant and Toddler Development and Curriculum **Credits:** 3
- ECE 2020 - Infant and Toddler Development and Curriculum Lab **Credits:** 1
- ECE 2110 - Developing Anti-Bias Curriculum **Credits:** 3
- ECE 2210 - Math, Science, Technology and Engineering for Early Childhood **Credits:** 3
- ECE 2310 - Guidance and Discipline **Credits:** 3
- ECE 2510 - Developing Curriculum for Early Childhood **Credits:** 3
- ECE 2650 - Effect of Trauma and Stress on the Learning and Development of Young Children **Credits:** 3
- ECE 2710 - Early Childhood Education Practicum I **Credits:** 3
- ECE 2810 - Parents and Teachers: Partners in Education **Credits:** 3
- ECE 3010 - Advocating for Young Children **Credits:** 3
- ECE 3510 - Philosophies in Early Childhood Education **Credits:** 3
- ECE 3610 - Survey of Early Childhood Education Programs **Credits:** 3
- ECE 3710 - Early Childhood Education Practicum II **Credits:** 3
- ECE 3750 - Implementation of Curriculum in an Early Childhood Education Environment **Credits:** 3
- ECE 4010 - Advanced Infant and Toddler Care and Curriculum **Credits:** 3
- ECE 4410 - Music and Movement for Young Children **Credits:** 3
- ECE 4510 - Early Childhood Education Practicum III **Credits:** 3
- ECE 4550 - Administrative Operations of Early Childhood Education **Credits:** 3
- ECE 4610 - Early Assessment and Referral **Credits:** 3
- ECE 4710 - Early Literacy Intervention **Credits:** 3
- EDU 2210 - Children's Literature **Credits:** 3
- ENG 2310 - Language and Culture **Credits:** 3

Select One Course from the Following:
- HUS 1010 - Introduction to Human Services **Credits:** 3
- HUS 1210 - Family Dynamics **Credits:** 3
- PSY 2010 - Cognitive Behavioral Therapy **Credits:** 3
- PSY 2110 - Psychology of Death and Dying **Credits:** 3

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1070 - Quantitative Reasoning **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3
- WRI 3010 - Report Writing **Credits:** 3

Semester Hours Required for Graduation - 120

College of Health Science

Certificate
- Medical Assistant, Certificate

Associate of Applied Science
- Cardiac Sonography, AAS
- Diagnostic Sonography (Abdomen/OB-GYN), AAS
- Health Information Technology, AAS
- Health Science Technology, AAS
- Physical Therapist Assistant, AAS
- Radiologic Technology, AAS
- Surgical Technology, AAS
- Veterinary Technology, AAS

Bachelor of Science
- Healthcare Administration, BS

Dean: Tanya Lewis MSN, FCN, RN

Dean of the School of Nursing: Lesley Morgan, Ph.D.

Dean of the School of Occupational Therapy: Jo Anne Crain, Ph.D.

Medical Assistant, Certificate

Medical assisting is a multi-skilled allied health profession in which practitioners work primarily in ambulatory settings such as medical offices and clinics. Medical assistants function as members of the healthcare delivery team and perform administrative duties and clinical procedures. The practicum is an unpaid work experience. Graduates are encouraged to take the AAMA (American Association of Medical Assistants) national certifying exam. Passing this exam entitles the candidate to the credential CMA (Certified Medical Assistant), AAMA.

Program Status: Open Enrollment

Requirements - 30 Hours
- MA 1210 - Basic Clinical and Administrative Skills **Credits:** 6
- MA 1250 - Intermediate Administrative Skills **Credits:** 5
- MA 1310A - Dosage Math and Pharmacology **Credits:** 2
- MA 1350 - Legal Concepts **Credits:** 2
- MA 1410 - Clinical Procedures I **Credits:** 5
- MA 1450A - Clinical Procedures II **Credits:** 5
- MA 1510 - Credential Review **Credits:** 2
- MA 1530 - Medical Assistant Practicum **Credits:** 3

Semester Hours Required for Graduation - 30

The Medical Assistant programs at the Cadillac and Owosso campuses are accredited by the Commission on Accreditation Allied Health Education Program (CAAHEP), www.caahep.org, 9355 113th St. N., #7709, Seminole, FL 33775. Phone: (727) 210-2350, Fax: (727) 210-2354, on the recommendation of the Medical Assisting Education Review Board (MAERB), 20 North Wacker Drive, Suite 1575, Chicago, IL, 60606-2930, (312) 899-1500.

Commission on Accreditation
of Allied Health Education Programs

Cardiac Sonography, Associate of Applied Science

This program prepares students by academic and clinical training to provide patient services using diagnostic ultrasound to perform cardiac echo testing under the supervision of a doctor of cardiology. This program will prepare students to perform these skills in a variety of healthcare settings.

Program Status: Limited Enrollment

Prerequisite Courses - 28 Hours
Prerequisite courses must be taken prior to applying to the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Cardiac Sonography Major - 45 Hours
- CAS 1010A - Noninvasive Cardiology **Credits:** 5
- CAS 2010A - Cross Sectional Sonography **Credits:** 5
- CAS 2050B - Clinical Affiliation I **Credits:** 4
- CAS 2110A - Cardiac Valve Disease in Sonography **Credits:** 4
- CAS 2210A - Cardiac Ventricular Disease in Sonography **Credits:** 4
- CAS 2310 - Clinical Affiliation II **Credits:** 6
- CAS 2410 - Clinical Affiliation III **Credits:** 3
- CAS 2610 - Advanced Disease and Technologies **Credits:** 3
- CAS 2910A - Cardiac Sonography Board Review **Credits:** 3
- HSC 1810 - Acoustical Physics **Credits:** 4
- HSC 1910 - Introduction to Sonography and Patient Care **Credits:** 3
- PHY 1210 - Physics Concepts **Credits:** 1

Semester Hours Required for Graduation - 73

The Cardiac Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 9355 113th St. N., #7709, Seminole, FL 33775. Phone: (727) 210-2350; fax: (727) 210-2354; on the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), 2025 Woodlane Drive, St. Paul, MN 55125-2998; phone: (651) 731-1582; e-mail: jrc-dms@jcahpo.org.

Commission on Accreditation of Allied Health Education Programs

Diagnostic Sonography (Abdomen/OB-GYN), Associate of Applied Science

Through academic and clinical training, students are prepared for a career in diagnostic medical sonography, which includes abdomen, obstetric and gynecology studies with integrated vascular proficiency that provides patient care while utilizing diagnostic ultrasound equipment. Using diagnostic ultrasound, sonographers gather the information physicians need to treat ailments and disorders. While using critical thinking skills and applying knowledge of scanning techniques for general disease, students take sonographic images and ensure patient safety. The mission of the diagnostic medical sonography program is to provide didactic and clinical education which enables qualified students to achieve strong communication, critical thinking, and technical skills required to maintain entry-level employment and become a registered diagnostic medical sonographer (RDMS) with integrated vascular proficiency.

Program Status: Limited Enrollment

Prerequisite Courses - 31 Hours
Prerequisite courses must be taken prior to applying to the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Diagnostic Sonography (Abdomen/OB-GYN) Major - 47 Hours
- DMS 1110 - Abdominal Sonography **Credits:** 4
- DMS 1210 - OB/GYN Sonography I **Credits:** 3
- DMS 1310 - Sonographic Techniques Lab **Credits:** 3
- DMS 2210 - OB/GYN Sonography II **Credits:** 3
- DMS 2310 - Clinical I **Credits:** 6
- DMS 2320 - Clinical II **Credits:** 6
- DMS 2330 - Clinical III and Capstone Review **Credits:** 6
- DMS 2410 - Superficial Structures and Ultrasound Procedures **Credits:** 2
- HSC 1810 - Acoustical Physics **Credits:** 4
- HSC 1910 - Introduction to Sonography and Patient Care **Credits:** 3
- PHY 1210 - Physics Concepts **Credits:** 1
- VAS 2220 - Non-Invasive Vascular I **Credits:** 3
- VAS 2320 - Non-invasive Vascular II **Credits:** 3

Semester Hours Required for Graduation - 78

The Diagnostic Medical Sonography Program is accredited by the Commission on Accreditation of Allied Health Educational Programs (CAAHEP), 9355 113th St. N., #7709, Seminole, FL 33775. Phone: (727) 210-2350. Program accreditation is granted upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), (JRCDMS), 6021 University Blvd., Suite 500, Ellicott City, MD 21043-6090; phone (433) 973-3251; email: jrc-dms@jcahpo.org.

Commission on Accreditation
of Allied Health Education Programs

Health Information Technology, Associate of Applied Science

A Health Information Technician is a skilled professional responsible for maintaining, organizing, and producing medical information. The curriculum prepares students for employment in any healthcare setting. Upon completion of the program, graduates are eligible to sit for the RHIT National Certification Exam.

Program Status: Open Enrollment

Health Information Technology Major - 45 Hours
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- HIT 1010 - Healthcare Delivery Systems **Credits:** 3
- HIT 1110 - Health Data Content and Structure **Credits:** 3
- HIT 1310 - Legal and Ethical Issues **Credits:** 3
- HIT 2010 - Healthcare Data Analytics and Statistics **Credits:** 3
- HIT 2110 - Coding I ICD **Credits:** 3
- HIT 2120 - Coding II ICD **Credits:** 3
- HIT 2130 - Coding III CPT **Credits:** 3
- HIT 2210 - Clinical Quality Management **Credits:** 3
- HIT 2410 - Organization and Leadership **Credits:** 3
- HIT 2510 - Health Information Technology Professional Practice Experience **Credits:** 2
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- HSC 1250 - Introduction to Disease **Credits:** 3
- HIT 2350A - Reimbursement Methodologies **Credits:** 3
- HIT 2610 - Pharmacology Applications for Health Information Professionals **Credits:** 3
- HIT 2910A - RHIT Review **Credits:** 1

General Education Requirements - 15 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

The College is currently seeking accreditation for the online Health Information Technology associate degree program. The Associate Degree Health Information Management Program is in Candidacy Status, pending accreditation review by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

Health Science Technology, Associate of Applied Science

The Health Science Technology (HST) degree offers flexible course offerings for entry-level health career opportunities. Students pursue selected certificates that prepare them for a variety of in-demand healthcare careers. Students will receive specialized training in one or more disciplines while completing an Associate of Applied Science degree in Health Science Technology. Choose the Medical Assistant or Dental Assistant certificate or transfer credit from another approved healthcare certificate program.

*NOTE: Students must first complete one certificate option prior to enrolling in this program.

Students who transfer a certificate in a health-related field from another institution (outside of Baker College) may have to take additional credit hours to meet residency requirements for this associate degree.

Certificate Option, Health Science Required Courses, and General Education Requirements Totaling a Minimum of 60 Semester Hours
> **36 Hours of FLEX ELECTIVES are required. FLEX ELECTIVES are Registrar approved General Education electives or transfer credits that are appropriate to apply to this degree.**

Health Science Requirements - 9 Semester Hours
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- HSC 1010 - Introduction to Health Professions **Credits:** 2

Select One Course from the Following:
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 2150 - Pathophysiology **Credits:** 3
- HSC 1250 - Introduction to Disease **Credits:** 3

General Education Requirements - 15 Semester Hours:
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 60

Physical Therapist Assistant, Associate of Applied Science

The Physical Therapist Assistant (PTA) is a technical healthcare worker who performs patient care under the supervision of a licensed physical therapist. Typical settings include hospitals, rehabilitation clinics, private practice, geriatric care facilities, sport medicine centers, school systems, and industrial sites.

Program Status: Limited Enrollment

Prerequisite Courses - 28 Hours
Prerequisite courses must be taken prior to applying to the program.
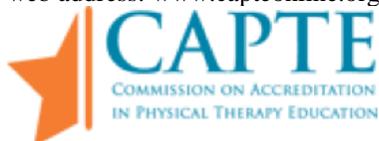- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Physical Therapist Assistant Major - 50 Hours
- HSC 2710 - Clinical Kinesiology **Credits:** 4
- PTA 2010 - Acute and Long-Term Care **Credits:** 2
- PTA 2050 - Clinical Documentation for the PTA **Credits:** 1
- PTA 2110A - Functional Mobility **Credits:** 3
- PTA 2150 - Neurological Foundations of Motor Control **Credits:** 2
- PTA 2210 - Functional Movement Development **Credits:** 2
- PTA 2250 - Clinical Pathology **Credits:** 2
- PTA 2310 - Patient Assessment **Credits:** 3
- PTA 2350 - Cardiopulmonary Rehabilitation **Credits:** 2
- PTA 2410 - Therapeutic Exercise **Credits:** 3
- PTA 2450 - Orthopedic Interventions **Credits:** 2
- PTA 2510 - Professional Preparation **Credits:** 1
- PTA 2550 - Neurological Management **Credits:** 3
- PTA 2610 - Pediatric Management **Credits:** 2
- PTA 2650 - Orthotics and Prosthetics for the PTA **Credits:** 1
- PTA 2710 - Clinical Education I **Credits:** 2
- PTA 2720 - Clinical Education II **Credits:** 6
- PTA 2730 - Clinical Education III **Credits:** 6
- PTA 2750 - Physical Agents **Credits:** 2
- PTA 2810 - PTA Seminar in Specialty Practice **Credits:** 1

Semester Hours Required for Graduation - 78

The Physical Therapist Assistant Program at Auburn Hills, Muskegon and Owosso are accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, VA 22314; phone: (703) 706-3245; web address: www.capteonline.org; e-mail: accreditation@apta.org.

Radiologic Technology, Associate of Applied Science

Radiographers are highly skilled professionals qualified to perform diagnostic imaging procedures and examinations prescribed by licensed medical practitioners. Technologists apply knowledge of anatomy and physiology, positioning, and radiographic techniques to provide quality healthcare services. The mission of the Baker College Radiologic Technology program is to enable qualified students to develop into competent and professional entry-level radiographers who are prepared to successfully sit for the ARRT examination and acquire gainful employment. We believe that this is done through exercises in critical thinking, varied clinical experience, the encouragement of universally responsible behavior, and foundations in guiding radiologic principles.

Program Status: Limited Enrollment

Prerequisite Courses - 28 Hours
Prerequisite courses must be taken prior to applying to the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Radiologic Technology Major - 43 Hours
- RAD 1110 - Radiologic Procedures I **Credits:** 4
- RAD 1210 - Radiologic Science I **Credits:** 4
- RAD 1250 - Radiation Safety **Credits:** 1
- RAD 2120 - Radiologic Procedures II **Credits:** 6
- RAD 2220 - Radiologic Science II **Credits:** 6
- RAD 2310 - Clinical Applications I **Credits:** 6
- RAD 2320 - Clinical Applications II **Credits:** 6
- RAD 2410B - Patient Care and Assessment **Credits:** 4
- RAD 2450 - Radiologic Capstone **Credits:** 3
- RAD 2510 - CT Basics and Related Anatomy **Credits:** 3

Semester Hours Required for Graduation - 71

The Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182; phone: (312) 704-5300; fax: (312) 704 5304; e-mail: mail@jcert.org; web address: www.jrcert.org.

Surgical Technology, Associate of Applied Science

A surgical technologist possesses expertise in the theory and application of sterile and aseptic technique and combines the knowledge of human anatomy, pathophysiology, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of surgery. The surgical technologist works under the supervision of a surgeon to ensure that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety. Currently, the role of the surgical technologist is expanding to include other areas of surgery such as labor and delivery units, cardiac catheterization labs, outpatient surgery facilities, and for physicians in private practice.

Program Status: Limited Enrollment

Prerequisite Courses - 28 Hours
Prerequisite courses must be taken prior to applying for the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Surgical Technology Major - 39 Hours
- BIO 2410 - Microbiology **Credits:** 3
- BIO 2411 - Microbiology Lab **Credits:** 1
- SUR 1050 - Introduction to Surgical Asepsis and Fundamentals **Credits:** 4
- SUR 2050 - Advanced Surgical Asepsis **Credits:** 2
- SUR 2210 - Surgical Technology Lab I **Credits:** 2
- SUR 2220 - Surgical Technology Lab II **Credits:** 4
- SUR 2310 - Surgical Patient **Credits:** 2
- SUR 2350 - Surgical Pharmacology and Anesthesia **Credits:** 2
- SUR 2410 - Surgical Procedures I **Credits:** 4
- SUR 2420 - Surgical Procedures II **Credits:** 2
- SUR 2510 - Clinical I **Credits:** 5
- SUR 2520 - Clinical II **Credits:** 5
- SUR 2590 - Professional Preparation **Credits:** 3

Semester Hours Required for Graduation - 67

The Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 9355 113th St. N., #7709, Seminole, FL 33775. Phone: (727) 210-2350; fax: (727) 210-2354, on the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/ STSA).

Commission on Accreditation of Allied Health Education Programs

Veterinary Technology, Associate of Applied Science

A veterinary technician can best be thought of as an animal nurse. By definition, a veterinary technician is a person who has completed a 2-year associate degree in Veterinary Technology from an AVMA (American Veterinary Medical Association) accredited institution. The Veterinary Practice Act of Michigan allows veterinary technicians to do anything for the care of animals except diagnose disease, prescribe medication, and perform surgery. Besides providing nursing care, veterinary technicians also function as laboratory technicians, radiology technicians, pharmacy technicians, surgical technicians, and anesthesia technicians. In addition, veterinary technicians are often responsible for a majority of the client education that occurs in a veterinary practice, thus this is a profession that requires excellent communication skills. The veterinary technology profession is very diverse and the opportunities for technicians are extremely varied. Career opportunities exist within, but are not limited to the following areas: small animal hospitals, large animal hospitals, research, education, pharmaceuticals, and the military. Once a student has successfully graduated from an AVMA accredited program, he/she can sit for the national licensing exam. If the graduate passes the VTNE exam, he/she will be eligible for licensure as a Licensed Veterinary Technician (LVT) in the state of Michigan.

Program Status: Limited Enrollment

Prerequisite Courses - 14 Hours
Prerequisite courses must be taken prior to applying to the program.
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- VET 1010A - Anatomy and Physiology for Veterinary Technology **Credits:** 4
- VET 1011 - Anatomy and Physiology for Veterinary Technology Lab **Credits:** 1

Veterinary Technology Major - 46 Hours
- BIO 2410 - Microbiology **Credits:** 3
- BIO 2411 - Microbiology Lab **Credits:** 1
- VET 1050 - Fundamentals of Veterinary Technology **Credits:** 4
- VET 1110 - Laboratory and Exotic Animal Procedures and Nursing **Credits:** 2
- VET 1210 - Large Animal Procedures and Nursing **Credits:** 2
- VET 2010 - Veterinary Diagnostic Imaging **Credits:** 3
- VET 2050 - Veterinary Pathology **Credits:** 4
- VET 2110 - Veterinary Diagnostic Laboratory Procedures **Credits:** 5
- VET 2150 - Veterinary Pharmacology **Credits:** 5
- VET 2210 - Introduction to Veterinary Surgical Procedures and Nursing **Credits:** 5
- VET 2310 - Advanced Veterinary Surgical Procedures and Nursing **Credits:** 6
- VET 2410 - Veterinary Technology Capstone/Board Review **Credits:** 2
- VET 2510 - Veterinary Technology Internship **Credits:** 4

General Education Requirements - 3 Hours
- COM 1020 - Composition and Critical Thinking II **Credits:** 3

Semester Hours Required for Graduation - 63

The Veterinary Technology program at Cadillac, Jackson and Muskegon are currently accredited by the American Veterinary Medical Association, Committee on Veterinary Technician Education and Activities (AVMA, CVTEA), 1931 North Meacham Road, Suite 100, Schaumburg, IL 60173-4630; phone: (800) 248-2862; fax: (847) 925-1329; web address: avma.org.

Healthcare Administration, Bachelor of Science

Healthcare administrators plan, direct and coordinate medical and health services in hospitals, private and public clinics, agencies, and other healthcare organizations. Some administrators specialize in one area, such as finance or marketing, but others have broader responsibilities that can range from managing people and services to developing procedures to improve the quality of health services.

Program Status: Open Enrollment

ELECTIVE CREDIT BLOCK Credits: 33

Healthcare Administration Major - 24 Hours
- HSC 1110 - Introduction to Healthcare **Credits:** 3
- HSC 3110 - Health Law and Regulations **Credits:** 3
- HSC 3150 - Planning and Evaluation of Health Services **Credits:** 3
- HSC 4010 - Healthcare Administration **Credits:** 3
- HSC 4110 - Seminar in Health Issues **Credits:** 3
- HSC 4210 - Ethics for Health Professionals **Credits:** 3
- HSC 4310 - Health System Finance **Credits:** 3
- WRK 4410 - Healthcare Administration Externship **Credits:** 3

Required Courses - 36 Hours
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BUS 3050 - Business Analytics **Credits:** 3
- ELECTIVE - Accounting Elective **Credits:** 3
- ELECTIVE - Economics Elective **Credits:** 3
- ELECTIVE - Finance Elective **Credits:** 3
- ELECTIVE - Law Elective **Credits:** 3
- COM 2150 - Advanced Professional Communications **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- HSC 1250 - Introduction to Disease **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MKT 1110 - Principles of Marketing **Credits:** 3
  Select One Human Resources Course from the Following:
- MGT 2110A - Human Resources Management **Credits:** 3
- ELECTIVE - Human Resources Elective **Credits:** 3

General Education Requirements - 27 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 6
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Semester Hours Required for Graduation - 120

College of Information Technology and Engineering

Associate of Applied Science
- Mechatronics, AAS

Bachelor of Science
- Computer Science, Computer Programming Concentration, BS
- Computer Science, Data Analytics Concentration, BS
- Game Software Development, BS
- Information Systems, Information Assurance Concentration, BS
- Information Systems, Project Management Concentration, BS
- Information Systems, Web Development Concentration, BS
- Information Technology and Cybersecurity, BS

Dean: Na Li, Ph.D.

Mechatronics, Associate of Applied Science

The manufacture and assembly of precision components and products depend on mechanical systems controlled by electronic equipment. These systems are calibrated, operated, maintained, and tested by electromechanical technicians who are cross-trained in multiple disciplines and apply their broad-based knowledge and technical skills to ensure that equipment and systems function smoothly.

Mechatronics Major - 48 Hours
- AMT 2050 - Principles of Industrial Safety, Health and Environment **Credits:** 3
- EET 1610 - Introduction to Robotics **Credits:** 3
- MATT 1110 - Basic Gauges and Measurements **Credits:** 3
- MATT 1150 - Electrical Technology and Circuits **Credits:** 4
- MATT 1210 - Integrated Systems **Credits:** 3
- MATT 1310 - Machining Theory and Methods **Credits:** 4
- MATT 1350 - Introduction to Gas/Arc/Mig/Tig Welding **Credits:** 3
- MATT 1510 - Mechanical Drives **Credits:** 3
- MATT 2110 - Industrial Controls and Instrumentation **Credits:** 3
- MATT 2210 - Programmable Logic Controller Application **Credits:** 4
- MATT 2510 - General Preventative/Predictive Maintenance **Credits:** 2
- MATT 2750 - Pneumatics and Hydraulics **Credits:** 3
- MATT 3210 - Advanced Programmable Logic Controller Application **Credits:** 4
- MATT 3990 - Capstone Project **Credits:** 3
- WRKMT 1010 - Beginning Work Experience **Credits:** 1
- WRKMT 2010 - Intermediate Work Experience **Credits:** 1
- WRKMT 3010 - Advanced Work Experience **Credits:** 1

General Education - 15 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Semester Hours Required for Graduation - 63

Computer Science, Computer Programming Concentration, Bachelor of Science

Computer science is an essential part of our lives. From smartphones to autonomous vehicles, the computer-enabled objects around us shape the way we communicate, travel, work and play. Computer scientists, sometimes called computer programmers, are professionals who work closely with software developers and engineers to apply logic, creative thinking and analytical skills to write, test, debug, modify and maintain the codes that computers use to function. Computer scientists invent the future by developing the architectures, applications and techniques for advanced computing systems. Computer scientists work across all industries, including finance/banking, consulting, manufacturing, healthcare and medicine, government agencies, automotive, aerospace and education. Due to constant advances in technology, computer scientists need to stay current with the latest trends such as artificial intelligence, big data analytics, and virtual and augmented reality. Graduates of the program can continue their education with a Master of Science in Information Systems.

Computer Science Major - 58 Hours
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- CIS 3010 - Computer Architecture **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- CS 2010 - Net-centric Computing **Credits:** 3
- CS 2150 - C++ Programming **Credits:** 3
- CS 2410 - Java Programming **Credits:** 3
- CS 3210 - Data Structures and Algorithms I **Credits:** 3
- CS 3220 - Data Structures and Algorithms II **Credits:** 3
- CS 3310 - Application Security Practices **Credits:** 3
- CS 4510 - Unit Testing and Interfaces **Credits:** 3
- CS 4910 - Senior Project I **Credits:** 3
- CS 4920 - Senior Project II **Credits:** 3
- ITS 3210 - Legal and Ethical Issues in Information Technology **Credits:** 3
- MTH 1510 - Calculus I **Credits:** 4
- MTH 2410 - Discrete Mathematics **Credits:** 3
- NET 1010 - Networking Essentials **Credits:** 3
- WRKIT 4010 - Work Experience **Credits:** 3

General Education Requirements - 32 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- MTH 1310 - Pre-Calculus **Credits:** 5
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Program Electives - 15 hours
Select any CIS, CS, ITS, PPM or WEB courses to fulfill 15 credit hours.
Concentration in Computer Programming - 15 Hours
- CIS 4010 - Advanced Computer Architecture **Credits:** 3
- CS 2420 - Advanced Java Programming **Credits:** 3
- CS 3110 - C# Programming **Credits:** 3
- CS 3910 - Emerging Programming Languages **Credits:** 3
- CS 4110 - Artificial Intelligence **Credits:** 3

Semester Hours Required for Graduation - 120

Computer Science, Data Analytics Concentration, Bachelor of Science

Computer science is an essential part of our lives. From smartphones to autonomous vehicles, the computer-enabled objects around us shape the way we communicate, travel, work and play. Computer scientists, sometimes called computer programmers, are professionals who work closely with software developers and engineers to apply logic, creative thinking and analytical skills to write, test, debug, modify and maintain the codes that computers use to function. Computer scientists invent the future by developing the architectures, applications and techniques for advanced computing systems. Computer scientists work across all industries, including finance/banking, consulting, manufacturing, healthcare and medicine, government agencies, automotive, aerospace and education. Due to constant advances in technology, computer scientists need to stay current with the latest trends such as artificial intelligence, big data analytics, and virtual and augmented reality. Graduates of the program can continue their education with a Master of Science in Information Systems.

Computer Science Major - 58 Hours
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 2510 - Systems Development Methods **Credits:** 3
- CIS 3010 - Computer Architecture **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- CS 2010 - Net-centric Computing **Credits:** 3
- CS 2150 - C++ Programming **Credits:** 3
- CS 2410 - Java Programming **Credits:** 3
- CS 3210 - Data Structures and Algorithms I **Credits:** 3
- CS 3220 - Data Structures and Algorithms II **Credits:** 3
- CS 3310 - Application Security Practices **Credits:** 3
- CS 4510 - Unit Testing and Interfaces **Credits:** 3
- CS 4910 - Senior Project I **Credits:** 3
- CS 4920 - Senior Project II **Credits:** 3
- ITS 3210 - Legal and Ethical Issues in Information Technology **Credits:** 3
- MTH 1510 - Calculus I **Credits:** 4
- MTH 2410 - Discrete Mathematics **Credits:** 3
- NET 1010 - Networking Essentials **Credits:** 3
- WRKIT 4010 - Work Experience **Credits:** 3

General Education Requirements - 32 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- MTH 1310 - Pre-Calculus **Credits:** 5
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Program Electives - 15 Hours
Select any CIS, CS, ITS, PPM or WEB courses to fulfill 15 credit hours.
Concentration in Database Technology - 15 Hours
- CIS 4210 - Database Administration I **Credits:** 3
- CIS 4220 - Database Administration II **Credits:** 3
- CS 4210 - Database Programming I **Credits:** 3
- CS 4220 - Database Programming II **Credits:** 3
- CS 4650 - Advanced Database Topics **Credits:** 3

Semester Hours Required for Graduation - 120

Game Software Development, Bachelor of Science

Game Developers create and produce games and simulations that run on computers, video game consoles, over the Internet, and on mobile devices. Working alone or within a team, Game Developers apply their creativity and skills to design games and simulations that entertain and educate. Once the framework is finalized, Game Developers add video, animations, programming, test and debug, and finally release the final product. In addition, the program provides graduates with a strong foundation in computer science and computer programming. Graduates can continue their education with a Master of Science in Information Systems degree.

Game Software Development Major - 75 Hours
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- CS 2150 - C++ Programming **Credits:** 3
- CS 2410 - Java Programming **Credits:** 3
- CS 2420 - Advanced Java Programming **Credits:** 3
- CS 3010 - Game Design and Analysis **Credits:** 3
- CS 3110 - C# Programming **Credits:** 3
- CS 3210 - Data Structures and Algorithms I **Credits:** 3
- CS 3220 - Data Structures and Algorithms II **Credits:** 3
- CS 3310 - Application Security Practices **Credits:** 3
- CS 3510 - Introduction to Android Mobile SDK and Application Development **Credits:** 3
- CS 3520 - Advanced Android Mobile Application Development **Credits:** 3
- CS 3810 - Unreal Game Programming I **Credits:** 3
- CS 3820 - Unreal Game Programming II **Credits:** 3
- CS 3850 - Game Development **Credits:** 3
- CS 4110 - Artificial Intelligence **Credits:** 3
- CS 4310 - Unity Game Programming I **Credits:** 3
- CS 4320 - Unity Game Programming II **Credits:** 3
- CS 4990 - Senior Design Project in Game Software Development **Credits:** 3
- ITS 3210 - Legal and Ethical Issues in Information Technology **Credits:** 3
- MTH 2410 - Discrete Mathematics **Credits:** 3
- PPM 3010 - Project Management **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WRKIT 4010 - Work Experience **Credits:** 3

Program Elective Credit - 15 Hours
Select any CIS, CS, ITS, PPM or WEB courses to fulfill 15 credit hours.
General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- MTH 1120 - College Algebra II **Credits:** 3
- MTH 1210 - Trigonometry **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Semester Hours Required for Graduation - 120

Information Systems, Information Assurance Concentration, Bachelor of Science

Information Systems professionals is one of the fastest growing careers. Our Information Systems degree is designed to integrate general business and management knowledge with expertise in computer information systems (including programming, databases, web, project management, networking, and security) to produce the knowledge and skills necessary for employment in a competitive job market. Information Systems professionals leverage the technology and tools to efficiently and effectively solve business problems, manage operations and infrastructure, interact with suppliers and customers, and drive revenue and performance. Graduates can continue their education with a Master of Science in Information Systems degree.

Information Systems Major - 51 Hours
- BUS 3050 - Business Analytics **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 3510 - System Modeling and Design **Credits:** 3
- CIS 4210 - Database Administration I **Credits:** 3
- CIS 4310 - Enterprise Architecture **Credits:** 3
- CIS 4950 - Special Topics in Information Systems **Credits:** 3
- CIS 4990A - Senior Project **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ITS 3210 - Legal and Ethical Issues in Information Technology **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- NET 1010 - Networking Essentials **Credits:** 3
- PPM 3010 - Project Management **Credits:** 3
- WRKIT 4010 - Work Experience **Credits:** 3

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Program Elective - 15 Hours
Select any CIS, CS, ITS, PPM or WEB courses to fulfill 15 credit hours.

Concentration in Information Assurance - 24 Hours
- ITS 2110 - Introduction to Network Security **Credits:** 3
- ITS 2210 - VPN Firewall **Credits:** 3
- ITS 2310 - Linux I **Credits:** 3
- ITS 3050 - Security Policies and Auditing **Credits:** 3
- ITS 3250 - Securing Systems **Credits:** 3
- ITS 3510 - Ethical Hacking I **Credits:** 3
- ITS 4050 - Internet and Web Security **Credits:** 3
- ITS 4350 - Disaster Recovery **Credits:** 3

Semester Hours Required for Graduation - 120

Information Systems, Project Management Concentration, Bachelor of Science

Information Systems professionals is one of the fastest growing careers. Our Information Systems degree is designed to integrate general business and management knowledge with expertise in computer information systems (including programming, databases, web, project management, networking, and security) to produce the knowledge and skills necessary for employment in a competitive job market. Information Systems professionals leverage the technology and tools to efficiently and effectively solve business problems, manage operations and infrastructure, interact with suppliers and customers, and drive revenue and performance. Graduates can continue their education with a Master of Science in Information Systems degree.

Information Systems Major - 51 Hours
- BUS 3050 - Business Analytics **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 3510 - System Modeling and Design **Credits:** 3
- CIS 4210 - Database Administration I **Credits:** 3
- CIS 4310 - Enterprise Architecture **Credits:** 3
- CIS 4950 - Special Topics in Information Systems **Credits:** 3
- CIS 4990A - Senior Project **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ITS 3210 - Legal and Ethical Issues in Information Technology **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- NET 1010 - Networking Essentials **Credits:** 3
- PPM 3010 - Project Management **Credits:** 3
- WRKIT 4010 - Work Experience **Credits:** 3

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Program Elective - 15 Hours

Select any CIS, CS, ITS, PPM or WEB courses to fulfill 15 credit hours.

Concentration in Project Management and Planning - 24 Hours

Project managers who specialize in information technology focus on the continuous improvement of an organization's computer systems. Combining their knowledge of computers and information systems with management skills and techniques, they work with top management to define information technology needs and goals, make recommendations for improvements and upgrades, and lead the technical team that develops and implements the solutions.

- CIS 4410 - IS Strategy, Management, and Acquisition **Credits:** 3
- ITS 2110 - Introduction to Network Security **Credits:** 3
- PPM 3110 - Project Planning **Credits:** 3
- PPM 3210 - Negotiation Strategies **Credits:** 3
- PPM 4010 - Project Cost and Budget Management **Credits:** 3
- PPM 4110 - Leading Project Teams **Credits:** 3
- PPM 4210 - Contracting and Procurement for Project Managers **Credits:** 3
- PPM 4990 - Senior Design Project in Project Management **Credits:** 3

Semester Hours Required for Graduation - 120

Information Systems, Web Development Concentration, Bachelor of Science

Information Systems professionals is one of the fastest growing careers. Our Information Systems degree is designed to integrate general business and management knowledge with expertise in computer information systems (including programming, databases, web, project management, networking, and security) to produce the knowledge and skills necessary for employment in a competitive job market. Information Systems professionals leverage the technology and tools to efficiently and effectively solve business problems, manage operations and infrastructure, interact with suppliers and customers, and drive revenue and performance. Graduates can continue their education with a Master of Science in Information Systems degree.

Information Systems Major - 51 Hours
- BUS 3050 - Business Analytics **Credits:** 3
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CIS 2210 - Database Management and Design **Credits:** 3
- CIS 3510 - System Modeling and Design **Credits:** 3
- CIS 4210 - Database Administration I **Credits:** 3
- CIS 4310 - Enterprise Architecture **Credits:** 3
- CIS 4950 - Special Topics in Information Systems **Credits:** 3
- CIS 4990A - Senior Project **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- ITS 3210 - Legal and Ethical Issues in Information Technology **Credits:** 3
- MGT 1010 - Introduction to Business **Credits:** 3
- MGT 2020 - Organizational Behavior and Management **Credits:** 3
- MGT 2310 - Management Information Systems **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- NET 1010 - Networking Essentials **Credits:** 3
- PPM 3010 - Project Management **Credits:** 3
- WRKIT 4010 - Work Experience **Credits:** 3

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Program Elective - 15 Hours
Select any CIS, CS, ITS, PPM or WEB courses to fulfill 15 credit hours.
Concentration in Web Development - 24 Hours
- CIS 4410 - IS Strategy, Management, and Acquisition **Credits:** 3
- CS 2410 - Java Programming **Credits:** 3
- WEB 1110 - Introduction to HTML **Credits:** 3
- WEB 1210 - World Wide Web Design **Credits:** 3
- WEB 1310 - Web Development I **Credits:** 3
- WEB 1320 - Web Development II **Credits:** 3
- WEB 2110 - Web Scripting **Credits:** 3
- WEB 2210 - Interactive Web Design **Credits:** 3

Semester Hours Required for Graduation - 120

Information Technology and Cybersecurity, Bachelor of Science

Information Technology and Security has become one of the highest demand areas by employers. Information, whether personal or business, is extremely valuable and there will always be individuals looking for ways to acquire it. Organizations need technology professionals who understand and can defend against the many threats to protect their valuable assets and run secure networks in today's global business environment. Earning an Information Technology and Security degree prepares graduates for careers in network and computer systems administration; computer user support; information assurance and risk management; and cyber defense. Leveraging specialized skills and an understanding of business processes, students develop, troubleshoot, support, and protect computer networks to help organizations operate more effectively and securely.

Information Technology and Security Major - 90 Hours
- CIS 1110A - Computer Operating Systems and Maintenance **Credits:** 3
- CS 1110 - Introduction to Programming **Credits:** 3
- CSC 2010A - CISCO Networking I **Credits:** 3
- CSC 2020A - CISCO Networking II **Credits:** 3
- CSC 2030 - CISCO Networking III **Credits:** 3
- ITS 2110 - Introduction to Network Security **Credits:** 3
- ITS 2210 - VPN Firewall **Credits:** 3
- ITS 2310 - Linux I **Credits:** 3
- ITS 2320 - Linux II **Credits:** 3
- ITS 2330 - Linux III **Credits:** 3
- ITS 3050 - Security Policies and Auditing **Credits:** 3
- ITS 3210 - Legal and Ethical Issues in Information Technology **Credits:** 3
- ITS 3250 - Securing Systems **Credits:** 3
- ITS 3410A - Powershell Programming **Credits:** 3
- ITS 3510 - Ethical Hacking I **Credits:** 3
- ITS 3520 - Ethical Hacking II **Credits:** 3
- ITS 4010 - Malware and Reverse Engineering **Credits:** 3
- ITS 4050 - Internet and Web Security **Credits:** 3
- ITS 4110 - Network Defense **Credits:** 3
- ITS 4250 - Computer Forensics and Investigation **Credits:** 3
- ITS 4310 - Network Intrusion **Credits:** 3
- ITS 4350 - Disaster Recovery **Credits:** 3
- ITS 4910A - Senior Project **Credits:** 3
- MNP 2050 - Server I **Credits:** 3
- MNP 2060 - Server II **Credits:** 3
- MNP 2070 - Server III **Credits:** 3
- NET 1010 - Networking Essentials **Credits:** 3
- NET 2310 - Virtual Environment: Installation, Configuration and Management **Credits:** 3
- PPM 3010 - Project Management **Credits:** 3
- WRKIT 4010 - Work Experience **Credits:** 3

General Education - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1110 - College Algebra I **Credits:** 3
- MTH 1120 - College Algebra II **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Semester Hours Required for Graduation - 120

The Information Technology and Cybersecurity program is the foundation for Baker College's designation as a National Center of Academic Excellence in Cyber Defense Education (CAE - CDE) by the National Security Agency (NSA) and Department of Homeland Security (DHS). NSA/DHS National CAE in Cyber Defense Designated Institutions

School of Nursing

Bachelor of Science
- Nursing Accelerated, BS
- Nursing Traditional, BS

Any nurse will tell you it can be a tough and demanding job, but he or she will also tell you it's one of the most rewarding careers you can choose. This is because on a daily basis you're helping people who need it the most. As a nurse, you'll be both a caregiver and a problem solver, someone who helps heal people in mind, body, and spirit. Compassion is critical, but you'll also need a strong aptitude for science and critical thinking to properly treat patients.

The Baker College School of Nursing (SON) offers a variety of degrees to meet the needs of both the student aspiring to become a registered nurse and those students who are already nurses striving to advance their careers with additional education.

The Bachelor of Science in Nursing (BSN) degree focuses on the well-rounded practitioner with an emphasis on a liberal arts education as well as a mastery of basic nursing skills. This program is available to those students who wish to obtain credentials to take the NCLEX examination.

For those nurses ready to prepare themselves for leadership positions (administrative track) or educational positions, both in acute and chronic care facilities or academic settings (education track), the master of science in nursing (MSN) program allows nurses to build upon the knowledge and skills obtained in their practice. Please see Nursing Administration, MS or the Nursing Education, MS of this Catalog for information on the MSN programs.

Nursing Accelerated, Bachelor of Science

Program Status: Limited Enrollment

Program requirements include the following:
- Baccalaureate Degree from an accredited university or college
- Overall admission GPA a minimum of B- (2.7)
- Successful completion of BIO 1210, BIO 1211, BIO 1220, BIO 1221, BIO 2150 with a minimum of a B- (2.7)
- A cumulative GPA of B- (2.7) is required in order to graduate with a Bachelor of Science in Nursing degree from Baker College.
- A minimum grade of a B- (2.7) in all Nursing (NUR) courses is required.
- A minimum grade of C (2.0) is required for general education courses.

Bachelor Degree - 32 Credits
Prerequisite Courses - 26 Hours
Prerequisite courses must be completed prior to applying to the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- BIO 2410 - Microbiology **Credits:** 3
- CHM 2310 - Biochemistry **Credits:** 3
- HSC 2210 - Nutrition **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2210 - Developmental Psychology **Credits:** 3

Nursing Major - 62 Hours
- NUR 2170 - Fundamentals of Nursing for the BSN - Accelerated **Credits:** 6
- NUR 2270 - Health Assessment for the BSN - Accelerated **Credits:** 4
- NUR 2370 - Pharmacology and Medication Administration for the BSN - Accelerated **Credits:** 3
- NUR 2570 - Medical/Surgical Nursing I for the BSN - Accelerated **Credits:** 7
- NUR 3050 - Evidence Based Practice for the BSN **Credits:** 3
- NUR 3170 - Community Nursing for the BSN - Accelerated **Credits:** 4
- NUR 3470 - Mental Health Nursing for the BSN - Accelerated **Credits:** 4
- NUR 3570 - Medical/Surgical Nursing II for the BSN - Accelerated **Credits:** 5
- NUR 3670 - Child and Family Nursing for the BSN - Accelerated **Credits:** 4
- NUR 3770 - Maternal/Child Nursing for the BSN - Accelerated **Credits:** 4
- NUR 4070 - Nursing Pathophysiology - Accelerated **Credits:** 3
- NUR 4170 - Medical/Surgical Nursing III for the BSN - Accelerated **Credits:** 5
- NUR 4270 - Nursing Leadership for the BSN - Accelerated **Credits:** 3
- NUR 4370 - Nursing Synthesis for the BSN - Accelerated **Credits:** 4

Select One Course from the Following:
- NUR 4610 - Global Health Study Abroad **Credits:** 3
- NUR 4650 - Global Health **Credits:** 3
- NUR 4710 - Cultural Competence in Nursing: The Hispanic Patient **Credits:** 3

Semester Hours Required for Graduation – 120

The Baccalaureate Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001; phone: (202) 887-6791; web address: www.aacn.nche.edu.

Nursing Traditional, Bachelor of Science

Program Status: Limited Enrollment

Program requirements include the following:
- High school diploma or GED equivalent (from an accredited program)
- Overall admission GPA a minimum of B- (2.7)
- Successful completion of BIO 1210, BIO 1211, BIO 1220, BIO 1221, BIO 2150, HSC 1010 with a minimum of a B- (2.7)
- A cumulative GPA of B- (2.7) is required in order to graduate with a Bachelor of Science in Nursing degree from Baker College.
- A minimum grade of a B- (2.7) in all nursing (NUR) courses is required.
- A minimum grade of C (2.0) is required for general education courses.

Prerequisite Courses - 28 Hours
Prerequisite courses must be completed prior to applying to the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective - **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Nursing Major - 62 Hours
- NUR 2150A - Fundamentals of Nursing for the BSN **Credits:** 6
- NUR 2250A - Health Assessment for the BSN **Credits:** 4
- NUR 2350 - Pharmacology and Medication Administration for the BSN **Credits:** 3
- NUR 2550 - Medical/Surgical Nursing I for the BSN **Credits:** 7
- NUR 3050 - Evidence Based Practice for the BSN **Credits:** 3
- NUR 3150 - Community Nursing for the BSN **Credits:** 4
- NUR 3450 - Mental Health Nursing for the BSN **Credits:** 4
- NUR 3550 - Medical/Surgical Nursing II for the BSN **Credits:** 5
- NUR 3650 - Child and Family Nursing for the BSN **Credits:** 4
- NUR 3750 - Maternal/Child Nursing for the BSN **Credits:** 4
- NUR 4050 - Nursing Pathophysiology **Credits:** 3
- NUR 4150 - Medical/Surgical Nursing III for the BSN **Credits:** 5
- NUR 4250 - Nursing Leadership for the BSN **Credits:** 3
- NUR 4350 - Nursing Synthesis for the BSN **Credits:** 4

Select One Course from the Following:
- NUR 4610 - Global Health Study Abroad **Credits:** 3
- NUR 4650 - Global Health **Credits:** 3
- NUR 4710 - Cultural Competence in Nursing: The Hispanic Patient **Credits:** 3

General Education Requirements - 15 Hours
- HUM 3610 - Art Appreciation **Credits:** 3
- HUM 3650 - Music Appreciation **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Additional Required Courses - 15 Hours
- BIO 2410 - Microbiology **Credits:** 3
- CHM 2310 - Biochemistry **Credits:** 3
- CIS 3710 - Introduction to Healthcare Informatics **Credits:** 3
- HSC 2210 - Nutrition **Credits:** 3
- PSY 2210 - Developmental Psychology **Credits:** 3

Semester Hours Required for Graduation - 120

The Baccalaureate Pre-Licensure Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001; phone: (202) 887-6791; web address: www.aacn.nche.edu.

School of Occupational Therapy

Associate of Applied Science
- Occupational Therapy Assistant, AAS

Bachelor of Science
- Pre-Occupational Therapy, BS

Occupational therapists work with people who have physical and mental challenges, helping them improve their ability to perform everyday tasks and achieve more independence. They begin by assessing patients' current abilities, and then they develop and implement plans of care that help the patients learn or regain the skills needed to live and work.

Occupational Therapy Assistant, Associate of Applied Science

Occupational therapy assistants, working under the supervision of occupational therapists, provide skilled treatments to individuals across the lifespan. Treatment interventions are designed to promote successful engagement in everyday activities (occupations). These include the skills necessary for learning, social interaction and recovery from emotional, physical or cognitive limitations.

Program Status: Limited Enrollment

Prerequisite Courses - 28 Hours
Prerequisite courses must be completed prior to applying to the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Occupational Therapy Assistant Major - 42 Hours
- HSC 2710 - Clinical Kinesiology **Credits:** 4
- OTA 1110A - Introduction to Occupational Therapy Assisting **Credits:** 2
- OTA 2010 - OTA Clinical Documentation and Health Records **Credits:** 2
- OTA 2050 - OTA Principles and Applications in Mental Health **Credits:** 3
- OTA 2110 - OTA Clinical Techniques in Mental Health **Credits:** 3
- OTA 2150 - Fundamentals in OTA Practice **Credits:** 3
- OTA 2210 - OTA Principles and Applications of Physical Dysfunction **Credits:** 3
- OTA 2250 - Neurological Foundations of Motor Control **Credits:** 2
- OTA 2310 - OTA Clinical Techniques in Physical Dysfunction **Credits:** 3
- OTA 2350 - Geriatric Patient Care **Credits:** 2
- OTA 2410 - Elements of Therapeutic Media **Credits:** 3
- OTA 2510 - OTA Principles and Applications in Pediatrics **Credits:** 2
- OTA 2610 - Fieldwork Fundamentals **Credits:** 2
- OTA 2710 - Level I Fieldwork A **Credits:** 1
- OTA 2720 - Level I Fieldwork B **Credits:** 1
- OTA 3710 - Level II Fieldwork A **Credits:** 3
- OTA 3720 - Level II Fieldwork B **Credits:** 3
- OTA 3750 - OTA Board Review **Credits:** 0

Semester Hours Required for Graduation - 70

The Occupational Therapy Assistant program of Allen Park, Owosso, and Muskegon are fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929; phone: (301) 652-2682; web address: www.acoteonline.org. Graduates are eligible to take the national certification examination, qualification for state licensure, specific employment opportunities and placement at Level I and Level II clinical sites.

Pre-Occupational Therapy, Bachelor of Science

Occupational therapists require master's degrees. At Baker College, students must complete the Pre-Occupational Therapy program before entering the Master of Science in Occupational Therapy program. Occupational therapists provide therapeutic interventions to individuals across the lifespan. Interventions are designed to promote successful engagement in everyday activities (occupations). These include the skills necessary for learning, social interaction and recovery from emotional, physical and/or cognitive limitations.

Program Status: Limited Enrollment

Prerequisite Courses - 13 Hours
Prerequisite courses must be taken prior to applying to the program.
- BIO 1210 - Human Anatomy and Physiology I **Credits:** 3
- BIO 1211 - Human Anatomy and Physiology I Lab **Credits:** 1
- BIO 1220 - Human Anatomy and Physiology II **Credits:** 3
- BIO 1221 - Human Anatomy and Physiology II Lab **Credits:** 1
- BIO 2150 - Pathophysiology **Credits:** 3
- HSC 1010 - Introduction to Health Professions **Credits:** 2

Pre-Occupational Therapy Major - 78 Hours
- HSC 2710 - Clinical Kinesiology **Credits:** 4
- HSC 3810 - Neuroanatomy **Credits:** 3
- HSC 4210 - Ethics for Health Professionals **Credits:** 3
- OCC 1010 - Foundations of Occupational Therapy **Credits:** 2
- OCC 2220 - Therapeutic Use of Occupations **Credits:** 5
- OCC 2330 - Occupational Centered Theory **Credits:** 5
- OCC 2550 - Assessment of Occupational Engagement **Credits:** 3
- OCC 3020 - Mental Health Conditions and Occupational Dysfunction **Credits:** 3
- OCC 3060 - Complementary Therapies, Wellness and Occupation **Credits:** 3
- OCC 3130 - Professional Roles, Responsibilities and Practice Areas **Credits:** 3
- OCC 3140 - Documentation in the Healthcare System **Credits:** 3
- OCC 3210 - Level I Fieldwork (Children) **Credits:** 2
- OCC 3310 - Child Development and the Implications of Pathology/ Conditions **Credits:** 3
- OCC 3410 - Disease/Injury and Occupational Dysfunction **Credits:** 3
- OCC 3510 - The Aging Process and the Implications of Pathology/ Conditions **Credits:** 3
- OCC 4020 - Program Planning/Intervention Strategies I **Credits:** 5
- OCC 4030 - Program Planning/Intervention Strategies II **Credits:** 5
- OCC 4220 - Occupational Therapy and Case Management **Credits:** 4
- OCC 4350 - Personal and Environmental Adaptations **Credits:** 5
- OCC 4550 - Community-Based Occupational Therapy **Credits:** 5

Select Two Courses from the Following: 6 Credits
- PSY 2110 - Psychology of Death and Dying **Credits:** 3
- PSY 2210 - Developmental Psychology **Credits:** 3
- PSY 3350 - Human Sexuality **Credits:** 3
- PSY 3510 - Adolescent Psychology **Credits:** 3
- PSY 4010 - Social Psychology **Credits:** 3

Other General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 6
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1120 - College Algebra II **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Semester Hours Required for Graduation - 121

The combined Pre-Occupational Therapy program and the Master of Occupational Therapy program are currently recognized as fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA). AOTA can be reached by mail at: c/o Accreditation Department, American Occupational Therapy Associate (AOTA), 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929; phone: (301) 652-2682; web address: www.acoteonline.org. Students must have successfully completed all Level I and Level II clinical experiences and have graduated from an accredited occupational therapy program to be eligible to site for the national Occupational Therapist Registered Examination.

College of Social Science

Associate of Applied Science
- Criminal Justice, Criminal Justice Studies, AAS
- Criminal Justice, Law Enforcement (Police Academy), AAS

Bachelor of Science
- Criminal Justice, Criminal Justice Studies, BS
- Criminal Justice, Law Enforcement (Police Academy), BS
- Human Services, BS
- Psychology, BS

Dean: Patty Kaufman, Ed. D.

Criminal Justice, Criminal Justice Studies, Associate of Applied Science

Those who work within the criminal justice system help maintain social order by preventing and reducing crime. Usually, people who work in this area are driven by a desire to help others and make the world a safer place. The field is broad and multidisciplinary; a degree in criminal justice provides the foundation for careers in law enforcement, corrections or the courts.

Criminal Justice Major - 33 Hours
- CRJ 1010 - Introduction to Criminal Justice **Credits:** 3
- CRJ 1060 - Introduction to Corrections **Credits:** 3
- CRJ 1410 - Criminology **Credits:** 3
- CRJ 1510 - Legal Issues in Corrections **Credits:** 3
- CRJ 1810 - Community Corrections **Credits:** 3
- CRJ 2410 - Juvenile Justice Concepts **Credits:** 3
- CRJ 2510 - Ethical Issues in Criminal Justice **Credits:** 3
- CRJ 2610 - Security Management **Credits:** 3
- CRJ 2810 - Criminal Justice Work Experience I **Credits:** 3
- PSY 3110 - Abnormal Psychology **Credits:** 3
- CRJ 2010 - Criminal Law **Credits:** 3

General Education Requirements - 15 Hours
- PSY 1110 - General Psychology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3

Concentration in Criminal Justice Studies - 12 Hours

The criminal justice studies concentration builds upon and adds focus to the criminal justice degree. Criminal justice professionals are critical members of law enforcement, corrections, and the court system. The concentration in criminal justice was developed with significant input from expert and organizational leaders across a variety of criminal justice settings.
- CRJ 1310 - Diversity in Criminal Justice **Credits:** 3
- CRJ 2110 - Interpersonal Communication and Conflict Management **Credits:** 3
- CRJ 2210 - Interviewing, Investigations and Report Writing **Credits:** 3
- CRJ 2310 - Principles of Policing I **Credits:** 3

Semester Hours Required for Graduation - 60

Criminal Justice, Law Enforcement (Police Academy), Associate of Applied Science

Law enforcement officers are entrusted with protecting lives and property. Their duties vary depending on whether they work at local, state or federal agencies and can range from general law enforcement and crime prevention to specialized work in drug enforcement, national security investigations, or enforcing fish and wildlife laws. While these careers may be stressful, physically challenging and mentally demanding, the opportunity to save lives and serve the greater good can be satisfying and personally rewarding.

Law Enforcement (Police Academy) Major - 33 Hours
- CRJ 1010 - Introduction to Criminal Justice **Credits:** 3
- CRJ 1060 - Introduction to Corrections **Credits:** 3
- CRJ 1410 - Criminology **Credits:** 3
- CRJ 1510 - Legal Issues in Corrections **Credits:** 3
- CRJ 1810 - Community Corrections **Credits:** 3
- CRJ 2010 - Criminal Law **Credits:** 3
- CRJ 2410 - Juvenile Justice Concepts **Credits:** 3
- CRJ 2510 - Ethical Issues in Criminal Justice **Credits:** 3
- CRJ 2610 - Security Management **Credits:** 3
- CRJ 2810 - Criminal Justice Work Experience I **Credits:** 3
- PSY 3110 - Abnormal Psychology **Credits:** 3

General Education Requirements - 15 Hours
- PSY 1110 - General Psychology **Credits:** 3
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3

Concentration in Law Enforcement (Police Academy) Major - 12 Hours

We partner with several organizations which offer a certified Law Enforcement Academy to provide students with an option to graduate with a degree in criminal justice along with the skills, tools, methods, and credentials to pursue a career in law enforcement. Students who successfully complete our criminal justice major along with the Law Enforcement Academy curriculum and program will receive certification as a police officer in the State of Michigan pursuant to the Michigan Commission on Law Enforcement Standards (MCOLES). A student will take most of his/ her academic courses during the first year or two before applying for the Law Enforcement Academy. Students must complete a medical, vision, and hearing screening; pass the MCOLES Reading and Writing Test; pass the MCOLES Fitness Test; complete the application materials; and successfully complete the admission process to be admitted into the Academy. Students will receive 12-semester credits upon successful completion of the Academy. Students must be admitted into the Academy to remain in this program.
- CRJ 1310 - Diversity in Criminal Justice **Credits:** 3
- CRJ 2110 - Interpersonal Communication and Conflict Management **Credits:** 3
- CRJ 2210 - Interviewing, Investigations and Report Writing **Credits:** 3
- CRJ 2310 - Principles of Policing I **Credits:** 3

Law Enforcement (Police Academy) MAJOR/MCOLES Curriculum - 12 Hours
- CRJ 2990 - Law Enforcement Academy **Credits:** 12

Semester Hours Required for Graduation - 60

Criminal Justice, Criminal Justice Studies, Bachelor of Science

Those who work within the criminal justice system help maintain social order by preventing and reducing crime. Usually, people who work in this area are driven by a desire to help others and make the world a safer place. The field is broad and multidisciplinary; a degree in criminal justice provides the foundation for careers in law enforcement, corrections or the courts.

Criminal Justice Major - 78 Hours
- CRJ 1010 - Introduction to Criminal Justice **Credits:** 3
- CRJ 1060 - Introduction to Corrections **Credits:** 3
- CRJ 1410 - Criminology **Credits:** 3
- CRJ 1510 - Legal Issues in Corrections **Credits:** 3
- CRJ 1810 - Community Corrections **Credits:** 3
- CRJ 2320 - Principles of Policing II **Credits:** 3
- CRJ 2410 - Juvenile Justice Concepts **Credits:** 3
- CRJ 2510 - Ethical Issues in Criminal Justice **Credits:** 3
- CRJ 2610 - Security Management **Credits:** 3
- CRJ 2810 - Criminal Justice Work Experience I **Credits:** 3
- CRJ 3110 - Drugs, Crime and Society **Credits:** 3
- CRJ 3310 - Cybercrime Investigations **Credits:** 3
- CRJ 3410 - Introduction to Forensic Science **Credits:** 3
- CRJ 3510 - Evidence Collection and Procedures **Credits:** 3
- CRJ 3610 - Organized Crime and Youth Gangs **Credits:** 3
- CRJ 3710 - Criminal Courts **Credits:** 3
- CRJ 4210 - Evidence-Based Practices **Credits:** 3
- CRJ 4310 - Terrorism and Homeland Security **Credits:** 3
- CRJ 4410 - Organizational Leadership in Criminal Justice **Credits:** 3
- CRJ 4810 - Criminal Justice Work Experience II **Credits:** 3
- PSY 4010 - Social Psychology **Credits:** 3
- CRJ 2010 - Criminal Law **Credits:** 3
- PSY 3010 - Forensic Psychology **Credits:** 3
- HUS 2350 - Trauma Informed Care in Crisis Intervention **Credits:** 3
- PSY 3510 - Adolescent Psychology **Credits:** 3
- SPN 1010 - Spanish I **Credits:** 3

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1070 - Quantitative Reasoning **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- PSY 3110 - Abnormal Psychology **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Concentration in Criminal Justice Studies - 12 Hours

The criminal justice studies concentration builds upon and adds focus to the criminal justice degree. Criminal justice professionals are critical members of law enforcement, corrections, and the court system. The concentration in criminal justice was developed with significant input from expert and organizational leaders across a variety of criminal justice settings.
- CRJ 1310 - Diversity in Criminal Justice **Credits:** 3
- CRJ 2110 - Interpersonal Communication and Conflict Management **Credits:** 3
- CRJ 2210 - Interviewing, Investigations and Report Writing **Credits:** 3
- CRJ 2310 - Principles of Policing I **Credits:** 3

Semester Hours Required for Graduation - 120

Criminal Justice, Law Enforcement (Police Academy), Bachelor of Science

Law enforcement officers are entrusted with protecting lives and property. Their duties vary depending on whether they work at local, state or federal agencies and can range from general law enforcement and crime prevention to specialized work in drug enforcement, national security investigations, or enforcing fish and wildlife laws. While these careers may be stressful, physically challenging and mentally demanding, the opportunity to save lives and serve the greater good can be satisfying and personally rewarding.

Law Enforcement (Police Academy) Major - 78 Hours
- CRJ 1010 - Introduction to Criminal Justice **Credits:** 3
- CRJ 1060 - Introduction to Corrections **Credits:** 3
- CRJ 1410 - Criminology **Credits:** 3
- CRJ 1510 - Legal Issues in Corrections **Credits:** 3
- CRJ 1810 - Community Corrections **Credits:** 3
- CRJ 2010 - Criminal Law **Credits:** 3
- CRJ 2320 - Principles of Policing II **Credits:** 3
- CRJ 2410 - Juvenile Justice Concepts **Credits:** 3
- CRJ 2510 - Ethical Issues in Criminal Justice **Credits:** 3
- CRJ 2610 - Security Management **Credits:** 3
- CRJ 2810 - Criminal Justice Work Experience I **Credits:** 3
- CRJ 3110 - Drugs, Crime and Society **Credits:** 3
- CRJ 3310 - Cybercrime Investigations **Credits:** 3
- CRJ 3410 - Introduction to Forensic Science **Credits:** 3
- CRJ 3510 - Evidence Collection and Procedures **Credits:** 3
- CRJ 3610 - Organized Crime and Youth Gangs **Credits:** 3
- CRJ 3710 - Criminal Courts **Credits:** 3
- CRJ 4210 - Evidence-Based Practices **Credits:** 3
- CRJ 4310 - Terrorism and Homeland Security **Credits:** 3
- CRJ 4410 - Organizational Leadership in Criminal Justice **Credits:** 3
- CRJ 4810 - Criminal Justice Work Experience II **Credits:** 3
- PSY 4010 - Social Psychology **Credits:** 3
- PSY 3010 - Forensic Psychology **Credits:** 3
- HUS 2350 - Trauma Informed Care in Crisis Intervention **Credits:** 3
- PSY 3110 - Abnormal Psychology **Credits:** 3
- PSY 3510 - Adolescent Psychology **Credits:** 3

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 1070 - Quantitative Reasoning **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3
- SPN 1010 - Spanish I **Credits:** 3

Concentration in Law Enforcement (Police Academy) Major - 12 Hours
We partner with several organizations which offer a certified Law Enforcement Academy to provide students with an option to graduate with a degree in criminal justice along with the skills, tools, methods, and credentials to pursue a career in law enforcement. Students who successfully complete our criminal justice major along with the Law Enforcement Academy curriculum and program will receive certification as a police officer in the State of Michigan pursuant to the Michigan Commission on Law Enforcement Standards (MCOLES). A student will take most of his/ her academic courses during the first year or two before applying for the Law Enforcement Academy. Students must complete a medical, vision, and hearing screening; pass the MCOLES Reading and Writing Test; pass the MCOLES Fitness Test; complete the application materials; and successfully complete the admission process to be admitted into the Academy. Students will receive 12-semester credits upon successful completion of the Academy. Students must be admitted into the Academy to remain in this program.

- CRJ 1310 - Diversity in Criminal Justice **Credits:** 3
- CRJ 2110 - Interpersonal Communication and Conflict Management **Credits:** 3
- CRJ 2210 - Interviewing, Investigations and Report Writing **Credits:** 3
- CRJ 2310 - Principles of Policing I **Credits:** 3

Law Enforcement (Police Academy) MAJOR/MCOLES Curriculum - 12 Hours
- CRJ 2990 - Law Enforcement Academy **Credits:** 12

Semester Hours Required for Graduation - 120

Human Services, Bachelor of Science

For those who want to help improve the lives of others, human services can be a very rewarding field. The work of human services professional centers on helping individuals cope with their everyday lives and develop the skills needed for self-empowerment. This involves working with a broad range of age groups (from infants to seniors) in a variety of settings that may include families, the elderly, substance abuse, residential programs, administration, child welfare, criminal justice, developmental disabilities, education, gerontology, and health care. With a bachelor's degree in human services, you will have the opportunity to serve diverse populations in a variety of non-profit, private, and public sectors

Human Services Major - 90 Hours

- HUS 1010 - Introduction to Human Services **Credits:** 3
- HUS 1210 - Family Dynamics **Credits:** 3
- HUS 1410 - Abuse and Neglect in the Family **Credits:** 3
- HUS 1510 - Ethics and Issues in Human Services **Credits:** 3
- HUS 2110 - Assessment, Recording and Reporting **Credits:** 3
- HUS 2210 - Case Management I **Credits:** 3
- HUS 2350 - Trauma Informed Care in Crisis Intervention **Credits:** 3
- HUS 2610 - Theory of Group Dynamics for Human Services **Credits:** 3
- HUS 2710 - Human Services Internship I **Credits:** 3
- HUS 3010 - Research Methods in Human Services **Credits:** 3
- HUS 3510 - Child Welfare Services **Credits:** 3
- HUS 3610 - Application and Practice of Group Dynamics for Human Services **Credits:** 3
- HUS 4110 - Institutional Treatment and Alternative Settings in Human Services **Credits:** 3
- HUS 4210 - Human Services Administration **Credits:** 3
- HUS 4310 - The DSM System and Mental Health Services **Credits:** 3
- HUS 4710 - Human Services Internship II **Credits:** 3
- HUS 4910 - Family Support Strategies **Credits:** 3
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2010 - Cognitive Behavioral Therapy **Credits:** 3
- PSY 2110 - Psychology of Death and Dying **Credits:** 3
- PSY 2210 - Developmental Psychology **Credits:** 3
- PSY 2250 - Psychology of Drug Use and Addiction **Credits:** 3
- PSY 2410 - Theories of Counseling **Credits:** 3
- PSY 3110 - Abnormal Psychology **Credits:** 3
- PSY 3210 - Psychology of Disability **Credits:** 3
- PSY 4010 - Social Psychology **Credits:** 3
- PSY 4110 - Clinical Methods in Mental Health **Credits:** 3
- SOC 2010 - Sociology **Credits:** 3

Select Six Hours from Pre-Approved Courses in Criminal Justice, Education, Humanities, or Sociology or Six Hours from One of the below Groupings:

NPM Group:

- NPMG 3010 - Grant Writing **Credits:** 3
- NPMG 3310 - Fund Development **Credits:** 3

PSY Group:

- PSY 3010 - Forensic Psychology **Credits:** 3
- PSY 3050 - Health Psychology **Credits:** 3
- PSY 3150 - Community Psychology **Credits:** 3
- PSY 3350 - Human Sexuality **Credits:** 3
- PSY 3410 - Child Psychology **Credits:** 3
- PSY 3510 - Adolescent Psychology **Credits:** 3
- PSY 4050 - Psychopharmacology **Credits:** 3
- PSY 4150 - Gerontology **Credits:** 3

General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVE - General Education Elective **Credits:** 3
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 2210 - Cultural Diversity **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Semester Hours Required for Graduation - 120

The Human Services program is accredited by the Council for Standards in Human Service Education (CSHSE), 3337 Duke Street, Alexandria, VA 22314; phone: (571) 257-3959; web address: www.cshse.org.

Psychology, Bachelor of Science

Psychology is the study of mental processes and behavior. The psychology program will help prepare students for a variety of professions and careers or to enter graduate study in psychology or related disciplines and fields. The program seeks to assist students with the development and application of foundational skills, information, and knowledge. The undergraduate psychology program at Baker College adapts from, and conforms to, the American Psychological Association's Guidelines for the Undergraduate Psychology Major: Version 2.0, established by the APA's Board of Educational Affairs Task Force.

Required Psychology Courses - 45 Hours
- PSY 1110 - General Psychology **Credits:** 3
- PSY 2150 - Psychology as a Science and Profession **Credits:** 3
- PSY 2210 - Developmental Psychology **Credits:** 3
- PSY 2510 - Cognitive Psychology **Credits:** 3
- PSY 3110 - Abnormal Psychology **Credits:** 3
- PSY 3550 - Personality Psychology **Credits:** 3
- PSY 3660 - Research Methods I **Credits:** 3
- PSY 3670 - Research Methods II **Credits:** 3
- PSY 3710 - Biological/Physiological Psychology I **Credits:** 3
- PSY 3720 - Biological/Physiological Psychology II **Credits:** 3
- PSY 3810 - Cross Cultural Psychology **Credits:** 3
- PSY 4010 - Social Psychology **Credits:** 3
- PSY 4450 - Motivation and Emotion **Credits:** 3
- PSY 4610 - Learning and Memory **Credits:** 3
- PSY 4910 - Senior Seminar: Psychology **Credits:** 3

Psychology Electives - 15 Hours
Select Five PSY Electives from the Following Options:
- PSY 2010 - Cognitive Behavioral Therapy **Credits:** 3
- PSY 2110 - Psychology of Death and Dying **Credits:** 3
- PSY 2250 - Psychology of Drug Use and Addiction **Credits:** 3
- PSY 2310 - Industrial Organizational Psychology **Credits:** 3
- PSY 2410 - Theories of Counseling **Credits:** 3
- PSY 3010 - Forensic Psychology **Credits:** 3
- PSY 3050 - Health Psychology **Credits:** 3
- PSY 3150 - Community Psychology **Credits:** 3
- PSY 3210 - Psychology of Disability **Credits:** 3
- PSY 3350 - Human Sexuality **Credits:** 3
- PSY 3410 - Child Psychology **Credits:** 3
- PSY 3510 - Adolescent Psychology **Credits:** 3
- PSY 3610 - Psychology of Gender **Credits:** 3
- PSY 4050 - Psychopharmacology **Credits:** 3
- PSY 4110 - Clinical Methods in Mental Health **Credits:** 3
- PSY 4150 - Gerontology **Credits:** 3
- WRK 3010 - Work Experience **Credits:** 3

Elective Credit from Any Discipline - 30 Hours
General Education Requirements - 30 Hours
- COM 1010 - Composition and Critical Thinking I **Credits:** 3
- COM 1020 - Composition and Critical Thinking II **Credits:** 3
- ELECTIVES - General Education Electives **Credits:** 6
- ELECTIVE - Scientific Inquiry Elective **Credits:** 3
- HUM 3910 - Integrated Seminar **Credits:** 3
- MTH 1010 - Quantitative Literacy **Credits:** 3
- MTH 2750 - Statistical Methods **Credits:** 3
- PSY 2050 - Self and Society **Credits:** 3
- SOC 3050 - Personal, Civic, and Global Perspectives **Credits:** 3

Semester Hours Required for Graduation - 120

Center for Graduate Studies

Doctorate of Business Administration
- All But Dissertation Option, DBA
- Business Administration, DBA

Master of Business Administration
- Accounting, MBA
- Business Administration, MBA
- Business Intelligence, MBA
- Finance, MBA
- Healthcare Management, MBA
- Human Resource Management, MBA
- Information Systems, MBA
- Leadership Studies, MBA

Master of Science
- Industrial/Organizational Psychology, MS
- Information Systems, MS
- Nursing Administration, MS
- Nursing Education, MS
- Occupational Therapy, MS

The Center for Graduate Studies offers graduate programs that provide advanced preparation in the fields of business, information systems, nursing, occupational therapy, and psychology. These graduate programs are designed to build upon a well-balanced undergraduate education. Students are expected to develop a thorough understanding of their chosen academic disciplines. Graduate education provides students with the opportunity to increase their knowledge, broaden their understanding, and develop specialized skills beyond their baccalaureate degrees.

The Center for Graduate Studies' administrative offices are located on the Owosso campus. These administrative offices are the headquarters for the graduate programs offered throughout Michigan and online. Leadership and administration of graduate programs are provided by the President of the Center for Graduate Studies and the Graduate Faculty Council.

The Graduate Faculty Council, comprised of graduate faculty, is the primary channel of communication between the graduate faculty and the president. The faculty council is responsible for establishing the academic policies and standards regarding graduate programs, assessment of graduate programs, and other academic issues relating to graduate education. Additionally, the faculty council is the main forum for discussion of research and scholarly activities for graduate level students and faculty.

The graduate programs are accredited through the Higher Learning Commission of the North Central Association of Colleges and Schools. The MBA programs have additional accreditation through the International Accreditation Council for Business Education (IACBE). The Occupational Therapy program has additional accreditation through the Accreditation Council for Occupational Therapy Education (ACOTE). The Master of Science in Information Systems program is affiliated with the National Professional Science Master's Association (NPSMA) as a Professional Science Master's (PSM) degree program. The MSN program has additional accreditation through the Commission of Collegiate Colleges of Nursing (CCNE).

Doctorate of Business Administration
- All But Dissertation Option, DBA
- Business Administration, DBA

All But Dissertation Option, Doctorate of Business Administration

Only 56% of doctoral students graduate 10 years after starting their programs. Withdrawal often occurs in the transition from coursework to the dissertation phase. Baker College has devoted considerable attention to this transition by scaffolding courses from structured instruction, to guided study, to independent and self-directed inquiry with mentoring. Based on this approach, the All But Dissertation (ABD) Option is designed to assist students who have been admitted to candidacy or who have work-in-progress on a dissertation at a regionally accredited doctoral program. Individual learning plans will be developed based on the previous doctoral study. In general, students can complete their doctorate in 1 or 2 years and by earning 28-semester credits.

Approved Graduate Credit Hours - 32 Hours
All But Dissertation Program Requirements - 28 Hours
- BUS 8410 - Defining the Dissertation Research Problem and Research Question **Credits:** 3
- BUS 8600 - Doctoral Specialization Seminar I **Credits:** 3
- BUS 8700 - Doctoral Specialization Seminar II **Credits:** 3
- BUS 8800 - Doctoral Specialization Seminar III **Credits:** 3
- BUS 8940 - Dissertation Proposal I **Credits:** 2
- BUS 8950 - Dissertation Proposal II **Credits:** 2
- BUS 8960 - Dissertation I **Credits:** 2
- BUS 8970 - Dissertation II **Credits:** 2
- BUS 8980 - Dissertation III **Credits:** 2
- BUS 8990 - Dissertation IV **Credits:** 2
- BUS 9000 - Dissertation V **Credits:** 2
- BUS 9010 - Dissertation VI **Credits:** 2

Semester Hours Required for Graduation - 60

Business Administration, Doctorate of Business Administration

Structured as a 60-semester credit program, the DBA curriculum blends taught interdisciplinary content and research seminars with assessed scholarly and professional development activities, including attendance at one professional residency. The program culminates in a research-based dissertation focused on a real problem facing today's business leaders and managers. Over the course of the program, students develop the capacity to work independently and more in depth, moving from prescribed content in the first year of the program, to supervised scholarly activities in the second year, to independent research focused on their areas of interest in the third year. Students may choose from six areas of specialization or design their own specialized fields of study.

Doctoral Core Requirements - 27 Hours
- BUS 8000 - The Scholar Practitioner **Credits:** 3
- BUS 8010 - Doctoral Writing and Literature Review **Credits:** 3
- BUS 8100 - Leading 21st Century Organizations **Credits:** 3
- BUS 8110 - Managing in a World-Wide Context **Credits:** 3
- BUS 8120 - Knowledge Management and Information Systems **Credits:** 3
- BUS 8130 - Quality Improvement and Organizational Change **Credits:** 3
- BUS 8140 - Corporate and Personal Ethics **Credits:** 3
- BUS 8400 - Introduction to Research Methods and Designs **Credits:** 3
- BUS 8410 - Defining the Dissertation Research Problem and Research Question **Credits:** 3

Doctoral Specialty Requirements - 9 Hours
- BUS 8600 - Doctoral Specialization Seminar I **Credits:** 3
- BUS 8700 - Doctoral Specialization Seminar II **Credits:** 3
- BUS 8800 - Doctoral Specialization Seminar III **Credits:** 3

Professional Residency Requirements - 2 Hours
- BUS 8200 - Professional Residency **Credits:** 2

Comprehensive and Qualifying Requirements - 6 Hours
- BUS 8920 - Comprehensive Essay **Credits:** 3
- BUS 8930 - Qualifying Paper **Credits:** 3

Dissertation Requirements - 16 Hours
- BUS 8940 - Dissertation Proposal I **Credits:** 2
- BUS 8950 - Dissertation Proposal II **Credits:** 2
- BUS 8960 - Dissertation I **Credits:** 2
- BUS 8970 - Dissertation II **Credits:** 2
- BUS 8980 - Dissertation III **Credits:** 2
- BUS 8990 - Dissertation IV **Credits:** 2
- BUS 9000 - Dissertation V **Credits:** 2
- BUS 9010 - Dissertation VI **Credits:** 2

Semester Hours Required for Graduation - 60

Master of Business Administration
- Accounting, MBA
- Business Administration, MBA
- Business Intelligence, MBA
- Finance, MBA
- Healthcare Management, MBA
- Human Resource Management, MBA
- Information Systems, MBA
- Leadership Studies, MBA

Accounting, Master of Business Administration

The Accounting major is a program of advanced accounting classes for managers who have undergraduate degrees in accounting and want to take additional classes in subjects that are critical in their work situations. The Accounting major is designed to provide a balanced, broad education and an in-depth understanding of the theoretical and practical concepts of accounting. More admission requirements apply to this major in addition to the MBA admission requirements.

Accounting Major - 15 Hours
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6310 - Taxation **Credits:** 3
- BUS 6340 - Non-Profit Accounting **Credits:** 3
- BUS 6350 - Global Accounting **Credits:** 3
- BUS 6420 - Financial Accounting **Credits:** 3

Business Requirements - 24 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3
- MIS 5110 - Management Information Systems **Credits:** 3

Semester Hours Required for Graduation - 39

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Business Administration, Master of Business Administration

This program seeks to combine the best of conventional academic training with the best of applied learning. The significant difference between this major and the other MBA majors is that students electing this major will complete the core MBA courses, and then select three other courses offered in the MBA program. This allows for the most flexibility and is designed for students to select from a variety of interesting courses.

Business Administration Major - 9 Hours
- ELECT 6010 - Elective **Credits:** 3
- ELECT 6020 - Elective **Credits:** 3
- ELECT 6030 - Elective **Credits:** 3

Business Requirements - 27 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3
- MIS 5110 - Management Information Systems **Credits:** 3

Semester Hours Required for Graduation - 36

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Business Intelligence, Master of Business Administration

The Business Intelligence program provides executives and managers with an understanding of information systems, information resources, business intelligence techniques, and leadership skills that add values to organizations. In addition to the core MBA courses of the program, students will develop data management, analysis, and presentation skills to support decision making and strategic planning in organizations.

Business Intelligence Major - 12 Hours
- MIS 5110 - Management Information Systems **Credits:** 3
- MIS 5260 - Business Intelligence **Credits:** 3
- MIS 5310 - Database Design and Management **Credits:** 3
- MIS 6240 - Data Warehousing **Credits:** 3

Business Requirements - 24 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3

Semester Hours Required for Graduation - 36

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Finance, Master of Business Administration

This program provides the opportunity for in-depth study of the most modern financial concepts, theories, analytical methods and problem-solving techniques - emphasizing the practical uses of these financial management principles in businesses, nonprofit organizations and government. Students will actively participate in presentations, discussions and activities highlighting practical business applications, current event applications, problem solving, analyses of case studies and other financial applications.

Finance Major - 12 Hours
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6410 - Money and Banking **Credits:** 3
- BUS 6430 - International Business Finance **Credits:** 3
- BUS 6450 - Public Finance **Credits:** 3

Business Requirements - 24 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3
- MIS 5110 - Management Information Systems **Credits:** 3

Semester Hours Required for Graduation - 36

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Healthcare Management, Master of Business Administration

Healthcare management has become a vital function in today's economy. With the emphasis on cost, service and quality of care, health care managers are faced with a significant number of issues and problems. This program seeks to combine the best of academic training and the best of field-based learning with an emphasis on the allied health field.

Healthcare Management Major - 15 Hours
- BUS 7500 - Healthcare Programs and Policies **Credits:** 3
- BUS 7520 - Healthcare Administration **Credits:** 3
- BUS 7530 - Quality Management in Healthcare Organizations **Credits:** 3
- BUS 7580 - Health Law and Ethics **Credits:** 3
- BUS 7590 - Healthcare Finance **Credits:** 3

Business Requirements - 21 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3

Semester Hours Required for Graduation - 36

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Human Resource Management, Master of Business Administration

This program is designed for people who work within the personnel or human resource areas. In addition to the core business courses, students are exposed to very specific issues that confront human resource managers every day. Students can expect to be exposed to practitioners in human resources, to the constantly changing roles of various human resource personnel within the field, and to a variety of topics and issues highly relevant to the changing workplace. This program takes on an even greater significance as the world looks to well-trained human resource specialists to provide the kind of services needed by the workforce.

The Society for Human Resource Management (SHRM) acknowledges that the Baker College Master of Business Administration Human Resource Management program is aligned with SHRM's HR Curriculum Guidebook and Templates.

The HR Curriculum Guidebook and Templates were developed by SHRM to define the HR content areas for study by students at the undergraduate and graduate levels. The guidelines, created in 2006 and revalidated in 2010, 2013, and 2018, are part of SHRM's Academic Initiative to define HR education standards taught in university business schools and to help universities develop degree programs that follow these standards.

Human Resource Management Major - 12 Hours
- BUS 5710 - Compensation and Benefits **Credits:** 3
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 5730 - Labor Relations and Conflict Resolution **Credits:** 3
- BUS 5760 - Employee Staffing and Development **Credits:** 3

Business Requirements - 24 Hours
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3
- MIS 5110 - Management Information Systems **Credits:** 3

Semester Hours Required for Graduation - 36

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Information Systems, Master of Business Administration

This program is designed for managers in departments other than information systems who wish to learn more about leveraging information systems and information resources for strategic planning and decision making. In addition to the core MBA courses of the program, students are exposed to various information management issues that confront managers every day.

Information Systems Major - 12 Hours
- MIS 5110 - Management Information Systems **Credits:** 3
- MIS 5210 - Information Systems Project Management **Credits:** 3
- MIS 5310 - Database Design and Management **Credits:** 3
- MIS 6110 - System Analysis and Design **Credits:** 3

Business Requirements - 24 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3

Semester Hours Required for Graduation - 36

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA.

Leadership Studies, Master of Business Administration

This program is designed for individuals who aspire to upper-level administrative and management positions. In addition to the core MBA courses, students complete major-specific coursework designed to help develop leaders with vision and problem-solving skills.

Leadership Studies Major - 12 Hours
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6850 - Dynamics of Leadership **Credits:** 3
- BUS 6880 - Profiles in Leadership **Credits:** 3
- BUS 6890 - Team Leadership and Group Dynamics **Credits:** 3

Business Requirements - 24 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6500 - The Economic Environment **Credits:** 3
- BUS 6600 - The Marketing Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3
- BUS 6900 - Strategy in a Global Environment **Credits:** 3
- MIS 5110 - Management Information Systems **Credits:** 3

Semester Hours Required for Graduation - 36

The College of Business at Baker College has received specialized accreditation for its business programs through the International Accreditation Council for Business Education (IACBE), 11374 Strang Line Road, Lenexa, Kansas, USA. For a list of accredited programs click here.

Master of Science

- Industrial/Organizational Psychology, MS
- Information Systems, MS
- Nursing Administration, MS
- Nursing Education, MS
- Occupational Therapy, MS

Industrial/Organizational Psychology, Master of Science

A master's degree in Industrial/Organizational Psychology identifies and provides students with a critical path for professional development, credibility in the field, and clear and defined professional identities in their areas of specialization. This program addresses the study of behavior and performance in the workplace and other organizational settings, through the application of the theories, methods and principles of psychology to individuals, teams and organizations. This specialization is not intended to prepare you for licensure as a clinical/ counseling psychologist, but rather to be an I/O psychology practitioner who applies psychological principles for organizational success.

Industrial/Organizational Psychology Major - 36 Hours
- PSY 5210 - Industrial/Organizational Psychology **Credits:** 3
- PSY 5410 - Statistics and Data Analysis **Credits:** 3
- PSY 5610 - Research Methods **Credits:** 3
- PSY 5710 - Psychology of Leadership **Credits:** 3
- PSY 5810 - Psychology of Performance and Motivation **Credits:** 3
- PSY 6110 - Tests, Measurements, and Assessment in the Workplace **Credits:** 3
- PSY 6310 - Psychology of Training and Learning **Credits:** 3
- PSY 6410 - Psychology of Personnel Management and Human Resources **Credits:** 3
- PSY 6510 - Individual and Group Factors in the Workplace **Credits:** 3
- PSY 6810 - Organizational Development, Change, and Consultation **Credits:** 3
- PSY 6990 - Integrative Capstone in Psychology **Credits:** 3

Select One Course from the Following:
- PSY 6610 - Evidence Based Coaching **Credits:** 3
- PSY 6710 - Industrial/Organizational Psychology Residency **Credits:** 3

Semester Hours Required for Graduation - 36

Information Systems, Master of Science

This program is designed for information systems professionals who are responsible for managing the development, acquisition, implementation and operation of information systems in a variety of organizational settings. The program emphasizes information systems theory and its application to business opportunities and challenges. Additionally, the program addresses mission-critical issues, such as strategic planning, risk management, financial considerations, project management and quality assurance.

Information Systems Major - 9 Hours
- MIS 5310 - Database Design and Management **Credits:** 3
- MIS 6010 - Information Security **Credits:** 3
- MIS 6210 - Systems Architectures **Credits:** 3

Management Information Systems Requirements - 15 Hours
- MIS 5110 - Management Information Systems **Credits:** 3
- MIS 5210 - Information Systems Project Management **Credits:** 3
- MIS 6110 - System Analysis and Design **Credits:** 3
- MIS 6710 - Information Systems Integration Project I **Credits:** 3
- MIS 6720 - Information Systems Integration Project II **Credits:** 3

Business Requirements - 12 Hours
- BUS 6150 - Human Behavior Management of Organizations **Credits:** 3
- BUS 6300 - Accounting for the Contemporary Manager **Credits:** 3
- BUS 6400 - The Financial Environment **Credits:** 3
- BUS 6780 - Research and Statistics for Managers **Credits:** 3

Semester Hours Required for Graduation - 36

The Master of Science in Information Systems Program is affiliated with the National Professional Science Master's Association (NPSMA) as a Professional Science Master's (PSM) degree program.

Nursing Administration, Master of Science

The Baker College Master of Science in Nursing (MSN) program strives to prepare nurses for leadership positions in administration (administrative track). The Administration cognate build upon the knowledge and skills nurses bring into the program, which is designed to meet the highest levels of nursing practice with an emphasis on the potential of each student. The MSN degree program provides experienced professional nurses with the education and competencies needed to function in a rapidly changing healthcare environment.

Program Status - Open Enrollment Program Requirements
- Unencumbered license as a registered nurse (RN) in the United States (US), District of Columbia or US territories, or an unencumbered license as a RN in Canada
- Graduate of an ACEN or CCNE accredited BSN program
- Graduate School Requirements

Nursing Major - 24 Hours
- NUR 5110 - Advanced Nursing Practice Roles **Credits:** 3
- NUR 5260 - Organizational and Systems Leadership with Population Health **Credits:** 3
- NUR 5310 - Nursing Theory and Research **Credits:** 3
- NUR 5410 - Informatics and Healthcare Technologies **Credits:** 3
- NUR 5560 - Quality Improvement, Safety, Outcomes Management **Credits:** 3
- NUR 5610 - Healthcare Systems, Policy and Advocacy **Credits:** 3
- NUR 6220 - Clinical Practicum Preparation **Credits:** 3
- NUR 6230 - Graduate Practicum **Credits:** 3

Nursing Administrative Cognate - 12 Hours
- BUS 5720 - Human Resource Management **Credits:** 3
- BUS 7580 - Health Law and Ethics **Credits:** 3
- BUS 7590 - Healthcare Finance **Credits:** 3
- NUR 6410 - Foundations of Nursing Administration **Credits:** 3

Semester Hours Required for Graduation - 36

The Master of Science in Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001; phone: (202) 887-6791; web address: www.aacn.nche.org.

Nursing Education, Master of Science

The Baker College Master of Science in Nursing (MSN) program strives to prepare nurses for leadership positions in education (education track). The Education cognate builds upon knowledge and skills nurses bring into the program, which is designed to meet the highest levels of nursing practice with an emphasis on the potential of each student. The MSN degree program provides experienced professional nurses with the education and competencies needed to function in a rapidly changing healthcare environment.

Program Status - Open Enrollment Program Requirements
- Unencumbered license as a registered nurse (RN) in the United States (US), District of Columbia or US territories, or an unencumbered license as a RN in Canada
- Graduate of an ACEN or CCNE accredited BSN program
- Graduate School Requirements

Nursing Major - 24 Hours
- NUR 5110 - Advanced Nursing Practice Roles **Credits:** 3
- NUR 5260 - Organizational and Systems Leadership with Population Health **Credits:** 3
- NUR 5310 - Nursing Theory and Research **Credits:** 3
- NUR 5410 - Informatics and Healthcare Technologies **Credits:** 3
- NUR 5560 - Quality Improvement, Safety, Outcomes Management **Credits:** 3
- NUR 5610 - Healthcare Systems, Policy and Advocacy **Credits:** 3
- NUR 6220 - Clinical Practicum Preparation **Credits:** 3
- NUR 6230 - Graduate Practicum **Credits:** 3

Nursing Education Cognate - 12 Hours
- NUR 6110 - Advanced Health Assessment and Pharmacology **Credits:** 3
- NUR 6150 - Advanced Pathophysiology **Credits:** 3
- NUR 6310 - Academic Nurse Educator **Credits:** 3
- NUR 6510 - Clinical Nurse Educator **Credits:** 3

Semester Hours Required for Graduation - 36

The Master of Science in Nursing program is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001; phone: (202) 887-6791; web address: aacnnursing.org.

Occupational Therapy, Master of Science

The delivery of the Occupational Therapy program at the graduate level revolves around instructors facilitating learning through problem-based case management. Students in the MSOT program will be required to utilize theory, logic, clinical reasoning and pragmatic skills in an interactive learning environment. It is expected that students will participate in discussions and debates and develop treatment choices based on sound research and theoretical assumptions. The Master of Occupational Therapy curriculum emphasizes mastery of the skills required for entry level practice. The curriculum is designed so that graduates can review, understand, conduct and interpret research activities. Evidence-based practice initiatives make it essential that practitioners' research skills are well developed.

Program Status: Limited Enrollment

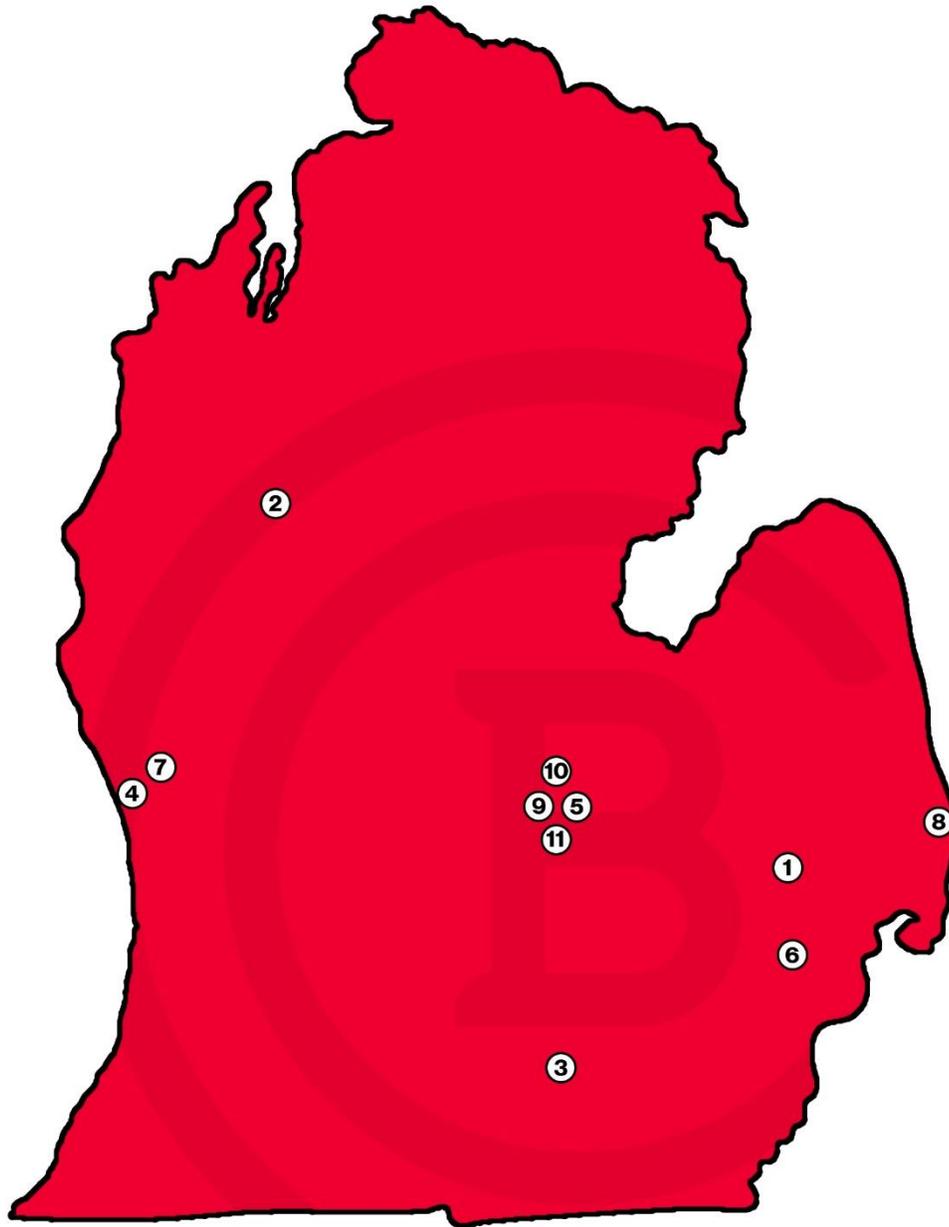**Occupational Therapy Major - 38 Hours**
- OCC 5010 - Program Planning/Intervention (Childhood) **Credits:** 4
- OCC 5050 - Assessment and Treatment Interventions for Mental Health Practice **Credits:** 4
- OCC 5110 - Occupational Therapy Research I **Credits:** 2
- OCC 5210 - Upper Extremity Rehabilitation I **Credits:** 4
- OCC 5220 - Upper Extremity Rehabilitation II **Credits:** 2
- OCC 5410 - Leadership and Management Roles in Occupational Therapy Practice **Credits:** 2
- OCC 5610 - Level I Fieldwork (Adults) **Credits:** 1
- OCC 6120 - Occupational Therapy Research II **Credits:** 3
- OCC 6310 - Case Based Clinical Reasoning **Credits:** 4
- OCC 6610 - Level I Fieldwork (Psychological and Social Factor(s) **Credits:** 2
- OCC 6710 - Occupational Therapy Level II Fieldwork **Credits:** 5
- OCC 6720 - Occupational Therapy Level II Fieldwork **Credits:** 5

Semester Hours Required for Graduation - 38

The combined Pre-Occupational Therapy program and the Master of Occupational Therapy program are currently recognized as fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA). AOTA can be reached by mail at: c/o Accreditation Department, American Occupational Therapy Associate (AOTA), 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929; phone: (301) 652-2682; web address: www.acoteonline.org. Students must have successfully completed all Level I and Level II clinical experiences and have graduated from an accredited occupational therapy program to be eligible to sit for the national Occupational Therapist Registered Examination.

CAMPUSES

🔘 - Housing Available

① Baker College of Auburn Hills	⑥ Baker College of Royal Oak	**Divisional Offices**
② Baker College of Cadillac 🔘	⑦ The Culinary Institute of Michigan - Muskegon 🔘	⑩ Baker Online (Owosso)
③ Baker College of Jackson	⑧ The Culinary Institute of Michigan - Port Huron 🔘	⑪ Center for Graduate Studies (Owosso)
④ Baker College of Muskegon 🔘	⑨ The Auto/Diesel Institute of Michigan - Owosso 🔘	
⑤ Baker College of Owosso 🔘		