Bachelor of Science degree
with a major in Information Technology

The Information Technology major fills the gap between computer scientists and general users of computer information systems. Graduates become the indispensable people in every office. They design new applications, configure hardware and software, set up networks and servers, and generally keep all the vital computer-based systems up-to-date and functional.

This degree prepares you for a variety of career options including:
- Database administrator
- Application system designer
- Computer network director
- Web specialist
- Intranet/firewall administrator
- Computer service technologist
- Computer security technologist
And many more!

Required Courses & Electives*
General Education Requirements (30-42 credits)
Other Degree Requirements (24 credits)
The Information Technology Major:
- Core I (9 credits)
  - Option A
    - CPS 110 Information Technology Programming I
    - CPS 280 Alternative Programming Languages
    - ITC 111 Information Technology Programming II
  - Option B
    - CPS 180 Principles of Computer Programming
    - CPS 181 Introduction to Data Structures
    - CPS 280 Alternative Programming Languages
- Core II (18 credits)
  - CPS 282 Introduction to Multimedia Design
  - CPS 395 Internship in Computer Science
  - ITC 190 Computer Hardware Concepts, Installation, Configuration and Support
  - ITC 191 Computer Software Concepts, Installation, Configuration and Support
  - ITC 265 Basics of Data Communications and Computer Networks
  - ITC 341 Introduction to Databases and Applications
  NOTE: 3 credits of internship (CPS 395) are required.
- Core III (Choose one of the following, 3 credits)
  - CPS 497 Independent Study
  - ITC 495 Senior Internship

- Specialized Track (each student is required to select from one of the following tracks, 6 credits)
  - Data Communication and Networking
  - Database
  - Interactive Multimedia Design
  - Web Application Development
  - Custom Track

- Other Requirements I (Select one of the following, 3 credits)
  - STA 282 Introduction to Statistics
  - STA 382 Elementary Statistical Analysis

- Other Requirements II (Select one of the following, 3-4 credits)
  - MTH 132 Calculus I
  - MTH 175 Discrete Mathematics
  - MTH 217 Business Calculus

- Other Requirements III (Select one of the following, 3 – credits)
  - COM 264 Organizational Communication
  - COM 361 Interpersonal Communication

General electives (The number of general elective credits required will vary)

Minimum total credits for graduation – 124 credits

*Courses are subject to change. Complete information on degree requirements can be found in the current CMU's Global Campus Bulletin at global.cmich.edu/bulletin.

We make it possible.
Central Michigan University’s Global Campus
877-268-4636
cmich.edu/globalcampus
CMUglobal@cmich.edu
Bachelor’s degrees
from Central Michigan University’s Global Campus

Stephanie Meekhof
Bachelor of Science degree with a Major in Psychology
Central Michigan University, founded in 1892, is a nationally distinguished, student-centered university. Accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, CMU has grown to become one of the top 100 universities in the country. We continue that growth with our Global Campus, increasing our reach at centers across North America and with online students around the globe.

CMU centers across the U.S., in Canada and Mexico, and online.

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<tr>
<th>CALIFORNIA</th>
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<th>MICHIGAN (cont.)</th>
<th>VIRGINIA</th>
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<td>Camp Pendleton Center</td>
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<td>760-725-0485</td>
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<td>Schofield Center</td>
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<td>Seymour Johnson Air Force Base Center</td>
<td>919-735-8064</td>
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<td>Fort Riley Center</td>
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<td>785-784-4402</td>
<td>Mount Pleasant - Main Campus</td>
<td>989-774-4000</td>
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For a complete list of our current locations, go to cmich.edu/globalcampus
Welcome to the Undergraduate Degree Programs at Central Michigan University.

An undergraduate degree will open many doors, and your investment of time and energy in one of our degree programs will be both valuable and worthwhile. The undergraduate programs from CMU’s Global Campus will enable you to achieve your personal and professional goals, plus better your workplace and your community. An undergraduate education from CMU can literally change your life.

At CMU, you will apply theory in a practical way. Knowledge you gain in class one evening is often applicable to your work the next day. Your fellow students will come from a variety of backgrounds, experiences, and age groups. That variety enriches the classroom environment as you learn from one another as well as from your instructor. You will be challenged to be a team member, a planner, a decision-maker, a problem-solver, as well as a scholar.

Trained, professional academic advisors offer individualized assistance as you complete your undergraduate degree. I encourage you to take advantage of the many advising services available to you.

You’ll find we offer several undergraduate degree completion programs, along with numerous course delivery options to meet your busy schedule. An undergraduate degree will give you that essential credential needed to advance in today’s global environment. Please join us and grow with us. Our staff and advisors are ready to help you every step of the way.

CMU has a long history of service to all of our students. Our center-based and online staff are ready to help you every step of the way from your first inquiry to graduation.

The courses you take at CMU’s Global Campus locations and online are held to the same high standards as the classes found on our main campus in Mount Pleasant, Michigan.

At CMU’s Global Campus we understand; you have work, family, community, and social obligations. Our faculty know you as an individual and our formats are designed to fit into your busy schedule.

The bottom line…you can be proud of the quality and traditions behind a CMU education. We offer you a program that can help make your dreams possible!
A bachelor’s degree can open doors to a new career or advancement in your current employment. Plus, the sense of accomplishment and success you earn along with your degree affects not only your future, but the future of those who depend on you.

Career-Focused Programs
Bachelor’s degrees from Central Michigan University’s Global Campus are applied degrees. That means that the things you learn in class one day, you can apply at work the next. Many of our faculty members work in their field during the day and teach in the evening or on weekends. They know both the theory and the practical application of the knowledge.

What can you do with a bachelor’s degree from CMU? A lot! According to our 2010 survey of alumni, they are currently using their bachelor’s degrees in such careers as:

<table>
<thead>
<tr>
<th>Account Executive</th>
<th>Law Clerk</th>
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<tr>
<td>Automation Technician</td>
<td>Logistics Management Specialist</td>
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<td>Business Manager</td>
<td>Market Data Analyst</td>
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<td>Caseworker</td>
<td>Marketing Representative</td>
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<td>Commercial Banker</td>
<td>Materials Manager</td>
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<td>Design Engineer</td>
<td>Office Manager</td>
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<td>District Sales Manager</td>
<td>Procurement Specialist</td>
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<td>Environmental Manager</td>
<td>Public Communications Supervisor</td>
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<td>Executive Assistant</td>
<td>Real Estate Appraiser</td>
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<td>Freelance Writer</td>
<td>Retirement Services Specialist</td>
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<td>General Manager</td>
<td>Security Officer</td>
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<td>Human Resources Manager</td>
<td>Systems Operation Analyst</td>
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<tr>
<td>Inventory Control Manager</td>
<td>Teacher</td>
</tr>
<tr>
<td>IT Project Manager</td>
<td>Vice President of Business Development</td>
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Jolene Lacasse and Patricia Abbott

Bachelor of Science degrees in Organization Administration

Jolene and Patricia didn’t know each other before they started taking classes at CMU’s Metro Detroit Centers. They finished their last two classes together and found they had much in common. For both of them, earning a bachelor’s degree had been a lifelong goal. But each had a practical reason for attending as well. As Jolene put it, “I got my associate’s degree in the 70s, got married, had children, and for my generation, an associate’s degree was sufficient, but not anymore. For job security, I decided the best thing for me to do was to get my bachelor’s degree.” Patricia had a similar idea. “I wanted to get my degree,” she said, “because I didn’t go to college right after high school, and I wanted to prepare myself for the current job market.”

Now they have both seen rewards for their dedication. Patricia has had several promotions. “A couple of times when I bid on jobs, my employer would see that I was going to school and actually took that into consideration and awarded me a job that might have gone to someone else because working towards my degree showed that I had initiative.” Jolene is getting a promotion, too. “A promotion and more money, that’s the whole idea behind getting an extended education!” she laughs.

91% of CMU’s Global Campus undergraduate students felt that a bachelor’s degree from CMU is a worthwhile investment and 98% would recommend the program to others.

Did you know?
On average, a person with a bachelor’s degree makes $21,000 more per year than a high school graduate.

Beyond increased income, college graduates also enjoy higher levels of saving, increased personal/professional mobility, improved quality of life for their children, better consumer decision making, and more hobbies and leisure activities.

Kathleen Porter, “The Value of a College Degree,” Education Resources Information Center (ERIC), U.S. Department of Education

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U.S. Census Bureau, 2010

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Kathleen Porter, “The Value of a College Degree,” Education Resources Information Center (ERIC), U.S. Department of Education
Bachelor’s Degree Programs

CMU Global Campus’ undergraduate degrees prepare you to think critically and to problem-solve. The strong liberal arts education you receive, combined with your chosen focused area of study, provide you with the solid foundation of knowledge and skills you need to succeed.

CMU is continually offering new degrees and concentrations in both the face-to-face format and online. Please be sure to look in the back pocket of this booklet for information on new degrees, or go online at global.cmich.edu/bachelors.

Our Current Degree Offerings Include:

- Bachelor of Applied Arts degree with a Major in Administration with concentrations available in:
  - Building Code Administration
  - Industrial Administration
  - Organization Administration
  - Service Sector Administration
- Bachelor of Science degree with a Major in Administration with concentrations available in:
  - Building Code Administration
  - Industrial Administration
  - Organization Administration
  - Service Sector Administration
- Bachelor of Science degree with a Major in Information Technology
- Bachelor of Science degree with a Major in Integrated Leadership Studies with tracks available in:
  - Military Services Leadership
  - Public Sector Leadership
  - Enterprise Leadership
- Bachelor of Science degree with a Major in Psychology
- Bachelor of Science degree with an Option in Community Development with concentrations available in:
  - Community Services
  - Health Sciences
  - Public Administration
- Bachelor of Science in Education degree, Elementary Emphasis

Availability of degree programs varies at our CMU’s Global Campus locations. Many of our undergraduate degree programs can be completed online when combined with existing credits you have earned and transferred to CMU.

For information on CMU bachelor's degrees available near you and/or online, please see the inserts in the back of this booklet.

Nathan Randle has a very busy life. He works full-time in a job that often requires travelling, he’s married, and he has a young son. He had started his college degree and knew that for job security he needed to finish it. “I went back to complete my bachelor’s degree because I felt I needed it for future growth, especially for companies that are downsizing,” Nathan says. “You want to become more versatile and be able to expand your options in life.”

When he discovered CMU’s adult-friendly format, he knew his search for a school was over. “CMU and the program worked out very well with my personal life, my family, and my work life. The program allowed me to only go one day a week or to attend weekend classes.” CMU’s Global Campus can help you complete your bachelor’s degree, too.

Nathan Randle with his wife, Venus Randle, and son, Nathan Randle, Jr. – Bachelor of Science degree with a Major in Administration
Degree Requirements
All CMU bachelor’s degrees require a minimum of 124 credits. Many students transfer credits from other accredited institutions; however, at least 30 of the total 124 credits must be taken at CMU in either a face-to-face classroom setting or online.

Generally, your degree will be made up of three types of courses:
1. General Education Courses – These courses are taken by all students and give you a solid liberal arts undergraduate education. There are two types of General Education Courses:
   a. University Program courses – They create a foundation in humanities, natural sciences, social science, and global studies.
   b. Competency requirements – Students are required to prove competency in written English, oral English, and mathematics. There are several ways to do this, including taking classes. Your advisor will assist in selecting the best method for you.
2. Core Courses – These are the basic courses in your major area of study.
3. Concentration Courses – The courses required in your chosen concentration.

For complete information on the General Education Requirements, please download the current CMU’s Global Campus Bulletin at global.cmich.edu/bulletin, and read the section titled “General Education Requirements.”

An overview of core courses and concentration courses for bachelor’s degrees available near you and/or online can be found in the back pocket of this booklet or online at global.cmich.edu/bachelors.

Admission Requirements
If you have attended another college or university, you should have a minimum 2.0 grade point average (GPA) for regular admission to CMU. If you don’t have other college-level credit, you can be admitted to CMU’s undergraduate program provided a prediction of success can be made from your high school performance.

International Admission
If you are an international student and English is not your native language, you must submit scores from either the Test of English as a Foreign Language (TOEFL) that are a minimum of 213 CBT, 550 PBT, or 79 IBT, or the International English Language Testing System (IELTS) scores of 6.5 and higher. Scores must be reported to the Global Campus admission specialist with your application. Any official transcripts that you submit from foreign colleges or universities must be translated into English. Keep in mind that it takes longer to process international admission applications, so be sure to allow enough time to become admitted before you plan to register for classes.
We understand that fitting a college degree into your busy life is never easy. When you have a job and family obligations or are returning to school after being away for a while, it’s even more difficult. The bachelor’s degree programs from CMU’s Global Campus are specifically designed to meet the needs of working adults.

Compressed Terms and Convenient Schedules

**Global Campus undergraduate courses are offered in two different formats:**

**Face-to-face** – Courses are held in a classroom setting at one of our centers. Currently at the undergraduate level, face-to-face classes are offered at our Michigan locations. Classes usually meet in the evening or on alternate weekends in compressed terms so you can complete your degree in less time.

**Online** – Online courses from CMU meet the same rigorous standards as our face-to-face courses and are available anywhere you have an Internet connection. With CMU Online, instructors create the assignments and due dates; you do the required work at a time and place that works for you.

At CMU, “online” does not mean “on your own.” Instructors and classmates keep in touch electronically through e-mail and discussion boards. Plus, CMU Online staff and advisors are just a phone call or e-mail away and ready to help you with any questions you may have.

“Online classes work great for me because they give me the flexibility I need to work full-time while working on my undergraduate degree at CMU,” says Kyle Pybus, a Michigan student in the Bachelor of Science degree in Organization Administration program. “So many things are done on the Web today, that I really didn’t have any problem with taking my classes online. The professors are great and we keep in touch by e-mail if I have any questions. They usually get back to me within 24 hours. The quality of the information I’m learning is great and the experience is just as good as it would be in a face-to-face class.”

Kyle Pybus, B.S. degree student
Transfer Credit
Many undergraduate students come to CMU after taking courses at other colleges or universities. Your CMU advisor will work with you to determine what credits will transfer into your CMU program. Generally speaking, transfer credit must be:
• Relevant to your CMU program plan
• From a regionally accredited college or university
• Coursework in which you received a C- or better
Once you receive regular or conditional admission to CMU, your official transcripts will be evaluated. You will receive a letter from CMU explaining what credits have been accepted into your program. You may only use up to 94 credits of relevant transfer credit.

Prior Learning Assessment Program
Through CMU’s Prior Learning Assessment Program, you may be able to receive credit for well-documented, relevant, college-level learning that you’ve gained through work or life experience. You’ll take some time to put together a portfolio documenting your experiences, but the time you spend may pay off with:
• Fewer credits to take to earn your degree
• Considerable savings over the regular tuition rate
You may apply up to 60 prior learning credits toward your degree; however, the combination of prior learning and transfer credit cannot be more than 94 credits. Complete information can be found at global.cmich.edu/prior-learning.

Financial Aid
Your bachelor’s degree is an investment in your future. At CMU we want to make the financial aid process as simple as possible. To help you understand the process, visit global.cmich.edu/financial-aid. Here you will find:
• The complete Financial Aid Information Manual
• The “Financing your Education” Webinar
• A fillable checklist to help you through the process
• Forms
• Payment procedures
• Information on scholarships
Federal Financial Aid is only available to U.S. citizens, and undergraduates with regular admission in an undergraduate program. Students must take a minimum of 6 credits per semester.

Global Campus Library Services
A true jewel in the crown of our Global Campus services is our nationally-recognized Global Campus Library Services (formerly Off-Campus Library Services). Once you have used their services, you’ll understand why. Professional librarians skilled in database research and reference assistance are dedicated specifically to helping Global Campus students.

GCLS provides:
• Research assistance
• Librarians accessible by phone, e-mail, Web form, and a chat interface
• Book and document delivery at no charge
The GCLS Web site at http://ocls.cmich.edu offers many additional helpful resources including hours of operation.

Military-Friendly University
Central Michigan University has been repeatedly designated a military-friendly university by both GI Jobs and Military Advanced Education magazine. For complete information on CMU’s Military Tuition Discounted Rate, visit cmich.edu/military.
Now that you know what our bachelor’s degrees are, what they can do for you, and what is required for admission, the next steps are easy.

Getting Started at CMU

Apply for admission
At CMU, we keep the application process as simple as possible.
1. Complete and submit your application online at apply.cmich.edu.
2. Pay the $50 application fee online by credit card or electronic draft with your online application, or mail in your check or money order.
3. Have each of your previous school(s) send one official transcript to CMU. You can use the Transcript Request Form included in this booklet to inform the school(s).

GoArmyEd.com
Active army students using tuition assistance must apply for admission to CMU as above, and also apply for tuition benefits and register for classes at GoArmyEd.com.

Get more information
Information about CMU and all the programs we offer is available on our Web site at cmich.edu/globalcampus. You can also e-mail us at CMUglobal@cmich.edu, or call our friendly enrollment specialists toll-free at 877-268-4636.

We make it possible!
Central Michigan University
877-268-4636
cmich.edu/globalcampus
CMUglobal@cmich.edu