



## New Program Report

**Date Submitted:**

08/01/2022

**Institution**

Central Methodist University

**Site Information**

**Implementation Date:**

1/1/2022 12:00:00 AM

**Added Site(s):**

**Selected Site(s):**

Central Methodist University, 411 Central Methodist Sq., Fayette, MO, 65248

**CIP Information**

**CIP Code:**

111099

**CIP Description:**

Any instructional program in computer/information technology services administration and management not listed above.

**CIP Program Title:**

Computer/Information Technology Services Administration and Management, Other

**Institution Program Title:**

Information Technology Management

**Degree Level/Type**

**Degree Level:**

Master Degree

**Degree Type:**

Master of Science

**Options Added:**

**Collaborative Program:**

N

**Mode of Delivery**

**Current Mode of Delivery**

Online

**Student Preparation**

**Special Admissions Procedure or Student Qualifications required:**

An earned bachelor's degree with a cumulative grade point average on all undergraduate transcripts, (GPA) of a 3.0 or above on a 4.0 scale. Statement of intent of 300 to 500 words that includes your interest in the program and career goal

Any international coursework completed must have official transcript evaluations completed and submitted to the University by the evaluation firm.



## New Program Report

Specific Population Characteristics to be served:

n/a

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

Doctorate

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

80%

Expectations for professional activities, special student contact, teaching/learning innovation:

None noted.

Student Enrollment Projections Year One-Five

<b>Year 1</b>	<b>Full Time: 2</b>	<b>Part Time: 10</b>	
<b>Year 2</b>	<b>Full Time: 5</b>	<b>Part Time: 15</b>	
<b>Year 3</b>	<b>Full Time: 5</b>	<b>Part Time: 20</b>	<b>Number of Graduates: 4</b>
<b>Year 4</b>	<b>Full Time: 5</b>	<b>Part Time: 20</b>	
<b>Year 5</b>	<b>Full Time: 5</b>	<b>Part Time: 25</b>	<b>Number of Graduates: 25</b>

**Percentage Statement:**

n/a

Program Accreditation

Institutional Plans for Accreditation:

This program combines practical technical abilities with management, including those communication skills needed in this industry. Specialized accreditation or licensing in the Information Technology field would be acquired through undergraduate programs or specialized industry certifications.

Program Structure

**Total Credits:**

35

**Residency Requirements:**

n/a

**General Education Total Credits:**

0

**Major Requirements Total Credits:**

35

**Course(s) Added**

COURSE NUMBER	CREDITS	COURSE TITLE
ITM501	3	Information Technology Project and Team Management
ITM565	3	Information Technology Strategic Planning



## New Program Report

ITM505	5	Applied Learning Experience
ITM580	3	Talent Development
ITM520	3	Communicating in the Global Marketplace
ITM585	3	Legal and Ethical Issues in IT
ITM540	3	Incident Response and Business Continuity
ITM550	3	Emerging IT Trends and Technology
ITM530	3	Information and Network Systems Security
ITM570	3	Leadership and Governance in IT
ITM595	3	Introduction to Business Intelligence

**Free Elective Credits:**

0

**Internship or other Capstone Experience:**

The applied learning experience component of the program is designed to facilitate the application of knowledge and skills gained in the classroom. This course must be taken each semester of enrollment.

**Assurances**

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information

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Dixon

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Phone: 660-264-0025

# CMU CURRICULUM CHANGE PROPOSAL: New or Revised Majors/Minors

## New or Revised Majors/Minors Proposal Tracking Form

Proposal Name: Click or tap here to enter text.

Rita Gulstad

Division Chair submitting proposal

Click or tap here to enter text.

2<sup>nd</sup> Division Chair, if necessary

**Step 1: The faculty member submits a completed proposal to the Division/Committee Chair for review at the next Divisional Meeting. The Division Chair must assure that the proposal is discussed and approved by divisional faculty. If more than one division is affected, all affected divisions must approve the proposal for submission. Once approved, the Division Chair emails the signed, dated proposal to the Chair of the Assessment Committee (AC).**

Click or tap here to enter text. Date proposal submitted to the Division/Committee Chair(s) for division review.

Click or tap here to enter text. Date proposal submitted by the Division/Committee Chair to the AC.

**Step 2: The AC will review the proposal to assure that appropriate data was identified indicating the need for the proposal. The AC will also review the proposal to assure that a plan for appropriate assessment of outcomes is included in the proposal.**

Click or tap here to enter text. Date the AC sent the proposal back to the Division/Committee for revision.

OR

Click or tap here to enter text. Date AC approved proposal for review by the Academic Affairs Committee (AAC).

**Step 3: The AAC reviews the proposal and either 1) approves the proposal for submission to the full Faculty for approval, 2) sends it back to the Division with recommendations for revision, or 3) denies approval of the proposal. If the proposal is approved, the AAC Chair assigns a Proposal Number, and provides the Provost's office with an official copy of the approved proposal.**

Click or tap here to enter text. Date the AAC approved the proposal for consideration by the Faculty at the next Faculty Meeting and forwarded the proposal to the Provost's office.

OR

Click or tap here to enter text. Date the AAC sent the proposal back to the Division/Committee for revision.

OR

Click or tap here to enter text. Date the AAC denied approval for the proposal.

**Step 4: The Provost's office adds the proposal to the agenda for the next Faculty Meeting. If approved, the proposal is submitted to the Registrar's office for subsequent action.**

Click or tap here to enter text. Date the Faculty voted on the proposal: (checkmark the final decision)

Approved

Not Approved

Click or tap here to enter text. Date the Registrar completed any actions necessary to add the proposal to the curriculum.



# CMU CURRICULUM CHANGE PROPOSAL: New or Revised Majors/Minors

FROM: Click or tap here to enter text.  
(Note: must come from Division Chair)

PROPOSAL # Click or tap here to enter text.  
(AYxx-## format. Completed by AAC Chair)

Click or tap here to enter text.  
(2nd Division Chair, if necessary)

1 Click or tap here to enter text.  
Major/Minor/Program Title

2 PROPOSAL TYPE (check all appropriate categories)

## PROPOSING NEW MAJOR/MINOR

New Major/New Minor

Immediately following faculty approval of a new major, the department chair and faculty must consult with the Provost on the Missouri Department of Higher Education application. If this is not completed in a timely manner, the new major cannot be added to the catalog.

## REVISING EXISTING MAJOR/MINOR

- Change Required Course(s) for the Major/Minor/Program
- Establish major/minor/program ONLINE
- Deactivate Course
- Reactivate Course
- Deactivate Major/Minor/Program
- Reactivate Major/Minor/Program
- Other (explain)

- Change Optional Course(s) for the Major/Minor/Program
- Change Major/Minor Grading System
- Change Major/Minor Assessment Plan
- Make Non-substantive Changes to existing Major/Minor
- Make Substantive Changes to existing Major/Minor
- Change Admission to the Major/Program
- Change Major/Minor/Program Required Credit Hours

3 If approved, proposed change(s) would become effective beginning Click or tap here to enter text. (semester & year).

4 GENERAL DESCRIPTION OF PROPOSAL Provide appropriate electronic attachment(s) to include, but not limited to: 1) Course Sequence or Required Courses, 2) Program or Major Outcomes, 3) Outcome Assessment Strategies, and 4) copies of ALL ADDITIONS OR CHANGES to catalog or website language.

For a NEW or REVISED MAJOR/MINOR (each of the following must be completed)

- A. General description of proposal: **This proposal is for the addition of a Master of Science in Information Technology Management**
- B. Describe how the proposed major/minor implementation or revision supports the mission, vision, and/or strategic plan of the University. **This proposal supports the mission in its focus on preparing students to be able to function in the IT global community as managers. It is a blend of information systems concepts and management theory. It meets the strategic plan, item #3, for new initiatives.**
- C. What is the assessment or other data that leads to the creation of this proposal?
  1. Source: **Review of the market for programming that is distinctive from a Master's in Business Administration and from requests from students for a post-bachelor's degree in the areas of management and information systems.**
  2. Analysis of data: The U.S. Department of Labor's Bureau of Labor Statistics ("BLS") published its most recent *Occupational Outlook Handbook* in December 2018. Therein, BLS describes the need for computer and information systems managers as growing "much faster than average" amounting to a 11% rate of growth through 2028, or over 46,800 new managerial positions to be filled.<sup>1</sup> Also, because the proposed program's graduates will be prepared to serve postsecondary academic institutions as well as government and industry needs, BLS's projection

<sup>1</sup> Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, 2018-19 Edition, Computer and Information Systems Managers, on the internet at <http://www.bls.gov/ooh/management/computer-and-information-systems-managers.htm> (visited November 22, 2019).

## CMU CURRICULUM CHANGE PROPOSAL: New or Revised Majors/Minors

for postsecondary teachers, albeit representative of a wide variety of subjects, also shows a growth rate “much faster than average.” The postsecondary labor report goes on to focus on information technology by projecting the need for computer science teachers to grow 11% from 2018 to 2028.<sup>2</sup> The BLS is not alone in its assessment of the field’s needs. Industry examiners concur with its results. The Computing Technology Industry Association (“CompTIA”) recently published its *Cyberstates 2019*, which provides a state-by-state look into the size and scope of the U.S. tech industry and workforce.<sup>3</sup> Nationwide, CompTIA reported that in 2018, there were 260,865 additional workers over 2017 who were employed in the tech sector. CompTIA’s data about Missouri, likewise, shows that there exists a serious need for information technology experts. Every leading occupational job category examined in Missouri exceeds the national average: **Occupational Job Category 2017 Y-o-Y% U.S.:** Tech Industry Employment (all categories) 2.3% MO: Software and Web Developers 4.9% MO: Network Architects, Admins, and Support Specialist 2.0% MO: Computer System and Cybersecurity Analysts 3.9% The compendium of CompTIA’s data show that Missouri’s tech sector is growing at an above average rate when compared to the nationwide data supplied by BLS, which put the sector already at a higher rate than the average occupational outlook. Looking even more granularly, numerous industry sectors that rely on information technology experts report a demand for talent that is not currently being met. In health care, The Joint Commission, the accreditation body that certifies 21,000 organizations and programs, led a recent *Sentinel Event Alert*, which is published in order to guide accredited organizations’ design or redesign processes, with the following truism: “Health information technology (health IT) is rapidly evolving and its use is growing, presenting new challenges to health care organizations.”<sup>4</sup> On the education front, and as the BLS report above noted, postsecondary teachers in information technology are in great demand. The formal occupational title used by BLS for these positions is known as “Computer Science Teachers, Postsecondary.” The popular jobs website, O\*Net OnLine, sponsored by the U.S. Department of Labor, Employment and Training Center, publishes a handy tool for job seekers. By utilizing the tool to search for opportunities in the field of Computer and Information Technology Managers, one can see evidence of the BLS claims by the search results that indicated 38800 projected job openings (author used O\*net’s “Find Jobs” tool, <http://www.onetonline.org/>, on November 22, 2019). As in health care and education, the insurance industry’s demand for information technology professionals is on the rise. Sales and customer service top the industry’s needs according to The 2016 Insurance Industry Employment and Hiring Outlook Survey, the seventh annual white paper by GreatInsuranceJobs.com that resulted from telephonic interviews of 53 insurance companies across the nation.<sup>5</sup> In addition to the conventional wisdom that sales and CSR will forever be integral to the insurance sector, this year’s report shows that technology jobs, is fifth in the survey’s top five heavily demanded jobs. The report characterizes the need as an “all-time high” and that all variants of tech jobs are “in high demand.” The 2019 data demonstrate a “can’t find technology talent” of IT/technology professionals. The breadth and depth of need for graduates of the proposed program expands well beyond these examples. Whether viewed from the

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<sup>2</sup> Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, 2018-19 Edition, Postsecondary Teachers, on the internet at <http://www.bls.gov/ooh/education-training-and-library/postsecondary-teachers.htm> (visited November 22, 2019).

<sup>3</sup> CompTIA Properties, LLC, *Cyberstates 2019*, on the internet [https://www.cyberstates.org/>pdf>CompTIA\\_Cyberstates\\_2019](https://www.cyberstates.org/>pdf>CompTIA_Cyberstates_2019) (visited November 22, 2019).

<sup>4</sup> The Joint Commission, *Sentinel Event Alert*, Issue 54, March 31, 2015, Safe Use of Health Information Technology, on the internet at [https://www.jointcommission.org/assets/1/6/SEA\\_54\\_HIT\\_4\\_26\\_16.pdf](https://www.jointcommission.org/assets/1/6/SEA_54_HIT_4_26_16.pdf) (visited November 22, 2019).

<sup>5</sup> GreatInsuranceJobs.com, *The 2016 Insurance Industry Employment and Hiring Outlook Survey*, on the internet at [http://images.greatinsurancejobs.com/pdfs/gij-whitepaper/2016\\_GreatInsuranceJobs\\_Insurance\\_Industry\\_Employment\\_and\\_Hiring\\_Outlook\\_Final\\_Report.pdf](http://images.greatinsurancejobs.com/pdfs/gij-whitepaper/2016_GreatInsuranceJobs_Insurance_Industry_Employment_and_Hiring_Outlook_Final_Report.pdf) (visited August 17, 2016).

## CMU CURRICULUM CHANGE PROPOSAL: New or Revised Majors/Minors

national or Missouri level, the industrial, governmental, or academic service perspective, or within any industrial sector, the great and exigent need to create graduate level information technology experts is evident.

- D. Describe the employment outlook for graduates of this major at the state and national level. (Include information source) **See above.**
- E. How will the proposed changes affect teaching load (preparation loads, credit hour loads, and contact hour loads)? **As this is a new program, it will require the addition of a new faculty who will teach 9 hours per semester or on an adjunct basis.**
- F. Are additional full time or part time faculty required to implement this proposal? **Yes, there will need to be a full time director hired who will also teach at start up, along with specific adjuncts, and then as it grows, incremental full time faculty will need to be added.**
- G. Are the current physical plant and equipment adequate to support the proposed changes? If not, what would be needed to provide adequate support for the proposal (include projected costs)? **Yes, as this is an hybrid program, CMU already has physical locations within Missouri and will be transitioning to the new LMS, Canvas.**
- H. Are there support service costs (accreditation, assessment, or the need for additional staff) associated with this proposal? **There will be the need to obtain HLC accreditation for a one time cost of \$1200. It will need a program director and adjuncts at start up.**
- I. Will this proposal shift costs to or impact financially another department or division? If so, which one(s)? (If any, that Division Chair also needs to sign this form.) **No. It will be required to have start up funds and then be able to sustain itself.**
- J. How will the proposed change affect enrollment? (new students, improve retention?) **It is anticipated that it will grow graduate enrollments as it is a new program.**
- K. How will the proposed change affect library acquisitions (print and electronic)? **Library materials are sufficient at this time. It may warrant the need for additional software acquisitions.**
- L. What are the program outcomes for this proposal? **1. Extract actionable intelligence using various applications for business data Identify cyber threats and make data-driven policy changes. 2. Organize, manipulate, analyze and visualize data with modern programs and tech. 3. Identify and develop talent within new employees in the IT workplace. 4. Solve problems within the IT organization, with an understanding of organizational behavior and governance. 5. Strategically plan and budget for an IT organization.6. Demonstrate communication skills in a global marketplace . 7. Analyze and respond to legal and ethical issues within the IT field**
- M. Describe the measures for assessing the achievement of the program outcomes. **See attached matrix**
- N. Will this program/major be offered in CGES?  Yes  No If yes, how will it affect CGES? **CGES ONLY**

### 5 UNIVERSITY OUTCOMES

Principles	Outcomes	Higher Order Outcomes
Communication	Articulate - Students are articulate, able to speak and write clearly.	Professional - Students are professional, able to adapt and interact with others in a responsible and engaged manner.
	Multimodal - Students are able to interpret and express ideas through multiple modes of communication.	
Curiosity	Discover - Students can discover, explore, and seek solutions based on prior knowledge and current research.	Create - Students can create and innovate using critical thinking and collaboration skills.
	Analyze - Students can analyze, evaluate, interpret, and summarize data.	
Community	Serve - Students will serve others and be ethical and informed citizens.	Lead - Students will lead creatively and collaboratively to produce positive change in the world.
	Respect - Students will understand and respect diversity, including other's viewpoints, positions, and beliefs.	

## CMU CURRICULUM CHANGE PROPOSAL: New or Revised Majors/Minors

- A. Which University outcomes are addressed/demonstrated by successful completion of this major/program? (Refer to the chart above as reference. May also refer to the Assessment Handbook on the website.) **Communication and Analyze, in Curiosity.**
- B. Please provide a curricular map as an attachment to this proposal that aligns University outcomes and programmatic outcomes with specific courses and course objectives. **See attached.**
- C. Describe the measures for assessing the achievement of the program outcomes. **See attached.**

## **Master's in Information Technology Management**

Enhance your IT career and advance to the next level with the Master of Science in Information Technology Management Degree from Central Methodist University.

The technological world of today is one of evolving and constant change. You can turn your house lights on before arriving home, deposit a check into your bank from the couch, or order food to be delivered to your family on the other side of the country, all from a handheld device.

At the same time...someone must develop and monitor the infrastructure of these technologies. Someone must also be able to manage and oversee the departments from which these technologies emanate.

Your Master in IT Management program combines practical technical abilities with management, including those communication skills needed to help you make the most of your career path. From predictive analytics to identifying cyber threats to using big data analytics in large industries

Your IT Management journey will include a minimum of 35 credit hours of coursework in management theory, strategies and tactics in information technology management, information security, legal and ethical issues, emerging trends, business intelligence and decision-making processes. Each semester includes a mandatory three-day weekend residency. Upon graduation, you will be prepared to:

- Organize, manipulate, and analyze data using the latest software programs and technology
- Extract viable intelligence using various applications for business data
- Make effective decisions related to and using current and emerging trends in information technology
- Strategically plan and budget for an IT organization
- Identify cyber threats and make data-driven policy changes in relation to said threats
- Solve problems within the IT organization using an understanding of organizational behavior and governance
- Identify, procure, and develop talent within new employees in the IT workplace
- Demonstrate high level communication skills in a global marketplace
- Analyze and respond to legal and ethical issues within the IT field

Program SLOs	XXX Information Project Team Management	XXX Leadership and Governance in IT	XXX Applied Learning Practicum	XXX Introduction to Business Intelligence	XXX Information Technology Strategic Planning	XXX Emerging IT Trends and Technology	XXX Talent Development	XXX Communicating in A Global Marketplace	XXX Information and Network Systems Security	XXX Legal and Ethical Issues in IT	XXX Incident Response and Business Continuity- Capstone
<b>Content/Outcomes</b>											
Organize, manipulate, analyze and visualize data with modern programs and 1 tech			X	X	X						X
Extract actionable intelligence using various applications for business 2 data				X	X						X
Make effective decisions using – and concerning – current and emerging trends 3 in information technology		X	X		X	X					X
Strategically plan and budget for an IT organization 4		X			X						X
Identify cyber threats and make data-driven policy 5 changes									X		
Solve problems within the IT organization, with an understanding of organizational behavior and 6 governance	X	X			X						X
Identify and develop talent within new employees in the 7 IT workplace							X				
Demonstrate communication skills in a global marketplace 8	X	X	X					X			X
Analyze and respond to legal and ethical issues within the 9 IT field										X	X

Department Name  
Department URL

Program Name: I  
Creation Date:

## **Master's in Information Technology Management Admissions Requirements**

### **Requirements**

*Admission to Central Methodist University is very competitive as well as selective and we review each application by the same standards.*

- Application and Application Fee
- Official transcripts for all undergraduate and graduate coursework from accredited colleges or universities must be submitted and directly received from the issuing college or university
- A cumulative grade point average on all undergraduate transcripts, (GPA) of a 2.5 or above on a 4.0 scale
- Any international coursework completed must have official transcript evaluations completed and submitted to the University by the evaluation firm. Evaluations MUST include GPA for admission. Approved evaluation firms are:
  - Educational Credential Evaluators (ECE)
- Documentation of language fluency for non-native speakers of English, such as a score report from the Test of English as a Foreign Language (TOEFL) or the 8 International English Language Testing System (IELTS). This requirement is waived for students who have completed bachelor's or master's level coursework in the U.S. at an accredited institution. The minimum acceptable TOEFL or IELTS scores for admission are:
  - Paper-based TOEFL (PBT) - 550
  - Computer Based TOEFL (CBT) - 213
  - Internet-based TOEFL (IBT) - 77
  - IELTS – 5.5
- Writing Sample
- International students applying for the program and seeking F1 VISA status must provide a copy of their current passport
- Admission to the Master's in ITM Program is completed by a review of the above documents

## **COURSE ROTATIONS**

### **Semester 1: Applied Learning Practicum (1)**

**Information Technology and Project Team Management (3)**

**Leadership and Governance in IT (3)**

### **Semester 2: Applied Learning Practicum (1)**

**Introduction to Business Intelligence (3)**

**Information Technology Strategic Planning (3)**

### **Semester 3: Applied Learning Practicum (1)**

**Emerging IT Trends and Technology (3)**

**Talent Development (3)**

### **Semester 4: Applied Learning Practicum (1)**

**Communicating in the Global Marketplace (3)**

**Information and Network Systems and Security (3)**

### **Semester 5: Applied Learning Practicum (1)**

**Legal and Ethical Issues in IT (3)**

**Incident Response and Business Continuity – Capstone (3)**



## Assessment

Program Outcomes	Assessment Methods	MS-IT Corresponding Course
<p>Extract viable intelligence using various applications for business data</p>	<p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case project in Information Technology and Strategic Planning.</p> <p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case project in Business Intelligence.</p>	<p>Information Technology and Strategic Planning</p> <p>Business Intelligence</p>
<p>Identify cyber threats and make data-driven policy changes in relation to said threats</p>	<p>Assessment: Candidates will average a score of 3 or better on the Cyberthreat case study scenarios' rubric in Information Networks and Systems Security.</p>	<ul style="list-style-type: none"> <li>• Information and network Systems Security</li> </ul>
<p>Organize, manipulate, and analyze data with the latest software programs and technology</p>	<p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case study project in Incident Response and Business Continuity.</p> <p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case project in Business Intelligence.</p> <p>Candidates will average a score of 3 or above on the Rubric for the Practicum.</p>	<ul style="list-style-type: none"> <li>• Business Intelligence</li> <li>• Applied Learning Practicum</li> <li>• Incident Response and Business Continuity</li> </ul>
<p>Identify, procure, and develop talent within new employees in the IT workplace</p>	<p>Candidates will average a 3 or above on the rubric for the term paper in Talent Development.</p>	<p>Talent Development</p>
<p>Solve problems within the IT organization, with an understanding</p>	<p>Candidates will average a score 3 or better on the Research Assessment</p>	<p>Information Technology Strategic Planning</p>

<p>of organizational behavior and governance</p> <p>Strategically plan and budget for an IT organization</p>	<p>Rubric for the term paper in Leadership and Governance in IT.</p> <p>Candidates will average a score 3 or better on the Research Assessment Rubric for the term paper in Information Technology/Strategic Planning and Leadership and Governance.</p> <p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case project in Business Intelligence.</p>	<p>Leadership and Governance in IT</p> <p>Business Intelligence</p>
<p>Demonstrate high level communication skills in a global marketplace</p>	<p>Candidates will average a score 3 or better on the Research Assessment Rubric for the term paper in Communicating in a Global Marketplace.</p> <p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case project in Business Intelligence.</p> <p>Candidates will average a score of 3 or above on the Rubric for the Practicum.</p>	<p>Applied Learning Practicum</p> <p>Communicating in a Global Marketplace</p> <p>Business Intelligence</p>
<p>Analyze and respond to legal and ethical issues within the IT field</p>	<p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case study project in Introduction to Business Intelligence and Incident Response and Business Continuity.</p> <p>Candidates will average a score 3 or better on the Research Assessment Rubric for the case project in Business Intelligence.</p>	<p>Legal and Ethical Issues in IT</p> <p>Incident Response and Business Continuity</p> <p>Business Intelligence</p>

## Rita Gulstad

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**From:** John Carter  
**Sent:** Wednesday, October 28, 2020 11:57 AM  
**To:** Dori Waggoner; John Carter; Megan W. Hess; Moz Rahmatpanah; Rita Gulstad; Stephanie E. Brink; Sally E. Hackman; Theresa L. Keown; Ronald L. Atteberry; Andrea K. Garner  
**Cc:** Jerri L. Carter  
**Subject:** Curriculum proposal 2021.5  
**Attachments:** CurriculumChangeProposal\_MSIT.docx; Addendum to Curriculum Change Proposal for MSIT.docx

Dear friends:

This email is to inform you that curriculum proposal 2021.5 creating an M.S. in Information Technology Management has been approved by our committee and will now go to the Provost for further action toward approval by the Higher Learning Commission. I will keep you posted on developments in that process as they come.

Thank you for your time and contributions.

Sincerely,

John J. Carter  
Professor of Political Science and History  
Director of Pre-Law  
Director of Graduate Programs  
Central Methodist University  
411 Central Methodist Square  
Fayette, MO 65248

Office: [660] 248-6343

Cell: [660] 537-5770

*Few people have the imagination for reality. Goethe*

# Master of Science in Information Technology Management

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Enhance your IT career and advance to the next level with the Master of Science in Information Technology Management Degree from Central Methodist University.

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At the same time...someone must develop and monitor the infrastructure of these technologies. Someone must also be able to manage and oversee the departments from which these technologies emanate.

Your Master in IT Management program combines practical technical abilities with management, including those communication skills needed to help you make the most of your career path. From predictive analytics to identifying cyber threats to using big data analytics in large industries, this program will provide a foundation for management opportunities in virtually any industry.

Your IT Management journey will include a minimum of 35 credit hours of coursework in management theory, strategies and tactics in information technology management, information security, legal and ethical issues, emerging trends, business intelligence and decision-making processes. Upon graduation, you will be prepared to:

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## Online and Executive Formats

The Master of Science in Information Technology Management is delivered in two formats: online only and Executive format. The Executive format allows for residential experiences at the St. Louis CMU campus location in Maryland Heights. Students seeking to engage in the Executive format will spend two weekends a semester, Friday evening until Sunday late afternoon, engaging in dialogue, seminars, presentations, applications and projects with faculty and other guest lecturers. Students in this program must meet the residency requirement noted below.

## Residency & Class Attendance Policy for the Executive format

Residency weekend sessions are mandatory. You must attend each session in order to receive full credit hours. If you miss any part of the session, you will be counted absent for the entire session. No exceptions. If you miss a single class session, you may make it up at the end of the semester and may be required to pay a make-up fee. Missing more than one residency session will result in dismissal from the University.

## Admissions Requirements

Admission to Central Methodist University is very competitive as well as selective and we review each application by the same standards.

- Application
- An earned bachelor's degree.
- Official transcripts for all undergraduate and graduate coursework from accredited colleges or universities must be submitted and directly received from the issuing college or university
- A cumulative grade point average on all undergraduate transcripts, (GPA) of a 3.0 or above on a 4.0 scale
- Statement of intent of 300 to 500 words that includes your interest in the program and career goal
- Any international coursework completed must have official transcript evaluations completed and submitted to the University by the evaluation firm. Evaluations MUST include GPA for admission. Approved evaluation firms are:
  - Educational Credential Evaluators (ECE)
- Documentation of language fluency for non-native speakers of English, such as a score report from the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS). This requirement is waived for students who have completed bachelor's or master's level coursework in the U.S. at an accredited institution. The minimum acceptable TOEFL or IELTS scores for admission are:
  - Paper-based TOEFL (PBT) - 550
  - Computer Based TOEFL (CBT) - 213
  - Internet-based TOEFL (IBT) - 77
  - IELTS - 5.5
  - International students applying for the program and seeking F1 VISA status must provide a copy of their current passport
  - Admission to the Master's in ITM Program is completed by a review of the above documents.

## Graduation and Participation Requirements

Students will be required to complete a minimum of 35 credit hours of coursework.

Students will have to complete all of the courses noted above, including the Applied Learning Experience course that is required each semester. The applied learning experience component of the program is designed to facilitate the application of knowledge and skills gained in the classroom. Each course has a specific sequence and should be taken in that order, based on prerequisites. Students must pass all courses with no more than two courses below a B grade.

## Majors and Minors

Major Minor

Master of Science in Information Technology Management

## Courses

**ITM501 - Information Technology Project and Team Management - 3 Semester Hours**

**ITM505 - Applied Learning Experience - 1 Semester Hours**

**ITM520 - Communicating in the Global Marketplace - 3 Semester Hours**

**ITM530 - Information and Network Systems Security - 3 Semester Hours**

**ITM540 - Incident Response and Business Continuity - 3 Semester Hours**

**ITM550 - Emerging IT Trends and Technology - 3 Semester Hours**

**ITM565 - Information Technology Strategic Planning - 3 Semester Hours**

**ITM570 - Leadership and Governance in IT - 3 Semester Hours**

**ITM580 - Talent Development - 3 Semester Hours**

**ITM585 - Legal and Ethical Issues in IT - 3 Semester Hours**

**ITM595 - Introduction to Business Intelligence - 3 Semester Hours**

Last updated: 06/24/2022

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