William Woods University

MIS Annual Assessment 2020-2021

Annual Assessment 2020-2021

Management Information Systems Minor

Program Profile

Program Mission Statement
Please insert your program mission statement here

The Management Information Systems Mission is to provide students with a theoretical, technological and business base to effectively compete in the business world.

In 2021, the University decided to sunset this program.

Program Data

Delivery Method

Traditional On Campus (selected)
Online
Hybrid

Students Majors 2019-2020	**Student Majors 2020-2021**
11	6

Student Minors 2019-20	**Student Minors 2020-2021**
6	3

Concentrations 2019-2020
If your program contains concentrations, please list the concentrations and the number of students identified within each concentration.

There are no concentrations for the Major

Concentrations 2020-2021
If your program contains concentrations, please list the concentrations and the number of students identified with each concentration.

There are no concentrations for the Major

Student Demographics
What are the program goals for student retention, persistence and degree completion? What do the persistence numbers mean to the faculty in the program? Are your persistence numbers what you expected? If not, how could the numbers be improved?

The MIS program has an excellent retention, persistent and completion rates. The graduation rate for MIS majors is also high. A majority of our students learn of the major after they have entered WWU. Students can easily complete the MIS major in four years. In addition, it is well suited to transfer students since there are few prerequisites. All courses are offered at least once a year. In addition, the minor and concentration have built-in flexibility as well.

The MIS program is heavily suited to hands-on projects through the coursework. We believe this contributes to a high rate of retention since most students perform better on projects versus rote memorization on exams. In addition, the student has a robust portfolio when they begin their career search. We believe the rate is higher due to the fact employers can see and witness their academic levels based on the projects produced.

However, new majors have steadily decreased for several years inidicating a lack of interest among new students in the major. While those who declare the major do well, there are not enough students entering the program to make it viable into the future.

Optimal Enrollment
Considering current human and physical resources, what is the optimal enrollment for the program?

Is the Program Externally Accredited

Yes
No (selected)

External Accreditation
Name the Accrediting Agency or entity including the last review/approval. Is there an accrediting body for the field of study? If yes, what is the name of the group. Is the program seeking accreditation?If no, why?

N/A

Marketing Materials
Please reflect on the current marketing materials used for the program. Detail what documents you are reviewing and attach a screenshot of any webpages or materials that you cannot include as a document. What changes, if any should be made to the material? Are there recommendations for how or where to market the program?

The section: "The Management of Information Systems concentration in the Business Administration major prepares you for a career as a business analyst, consultant, IT professional, systems analyst, quality assurance analyst, and more." should have "quality assurance analyst" removed and replaced with "web designer".

The section: "The MIS concentration within the Business Administration major includes coursework in database management systems, website development, project management, an internship and more." should have networking added to the list of coursework covered.

Marketing Material

MIS_Degree___Fulton__MO___William_Woods_University.pdf

Program Assessment

Standard/Outcome

Identifier	Description
WWU2016.1	Major Field Competence: Students will demonstrate excellence in an academic or professional discipline, and engage in the process of academic discovery.
WWU2016.2	Ethics: Students will exhibit values and behaviors that address self- respect and respect for others that will enable success and participation in the larger society.
WWU2016.3	Self-Liberation: Students will develop an honest understanding and appreciation of themselves and others resulting in an ability to make individual decisions.
WWU2016.4	Lifelong Education: Students will possess an intellectual curiosity and desire for continual learning both within and beyond formal education in preparation for participation in a global society.

Additional Standards/Outcomes

Identifier	Description
MIS.1	Students must utilize technology and end user software to solve complex management information systems issues.
MIS.2	Students must incorporate detailed, well established networking principles to project based learning situations.
MIS.3	Students must apply best practices to design, develop and manage website related projects.
MIS.4	Students must research and develop solutions to real-life situations using management information systems principles.

Alignment to the University Objectives
Please discuss the program alignment to the University Objectives. We do not need an artifact for each objective, but a discussion on how the program uses the Institutional Objectives as an anchor for their program curriculum.

Major Field Competence: All goals of the MIS program work towards academic excellence (MIS.1 and MIS.4) or a professional discipline (Web Design, Project Managment, Systems Analysis, Database Mangement Systems), while engaging in acadeic discovery (Systems Analysis and MIS Capstone)

Ethics: Ethics is covered in Networking (specifically personal information protection), Project Management (eithical decision making, ethics of choosing vendors, awarding contracts, and working with stakeholders), and MIS Capstone in reviewing the industry standard of ethics in the IT industry.

Self Liberation: Students work on their own independently chosen and devleoped projects in Project Management, Website Development, Database Management Systems, and Systems Analysis.

Lifelong Education: in nearly every MIS class, students are made aware of the fact that they are chosing a profession that will require life-long learning since the IT industry is constantly changing. MIS 370 course series was developed to allow students the opportunity to learn technologies that are not covered by the rest of the MIS program.

General Education Alignment to Program
How do the General Education criteria align with the Program Objectives? What courses within your program build upon skills learned in general education courses (please list the program course and the general education criteria). The General Education clusters are: Critical Analysis, Creative Expression, Quantitative Inquiry, and Society & the Individual. See attached for more detailed breakdown.

There are no general education courses in the major.

GE_Cluster_Descriptions_FINAL_Version_Approved.docx

NSSE Objectives Discussed Fall 2019

Program Alignment to NSSE Objectives
How did your program integrate the three NSSE objectives determined by the faculty this fall. The objectives were to 1) integrate more interdisciplinary work within the curriculum, 2) to connect learning to societal problems or issues, and 3) to examine the strengths and weaknesses of their (students) own views on a topic or issue. Please articulate which courses, and what assignments were assigned and how the work was assessed. Were the assignments successful? What could have made them more successful?

At the time of this report this information was unavailable as the only instructor in the program departed the University in February of 2021. The program is being taught out by adjunct faculty who would not be in a position to respond to these questions as they picked up courses mid-semester.

Curriculum Map
A - Assessed
R - Reinforced
I - Introduced
M - Master

MIS Curriculum Map

	MIS 100	MIS 125	MIS 250	MIS 225	MIS 325	MIS 350	MIS 370	MIS 403	MIS 425	MIS 450	MIS 475	SPR
MIS.1 Students must utilize technology and end user software to solve complex management information systems issues.	I	I, R, M, A	R			I, R, M			R, M			A
MIS.2 Students must incorporate detailed, well established networking principles to project based learning situations.			I, M, A									A
MIS.3 Students must apply best practices to design, develop and manage website related projects.					I, R, M, A							
MIS.4 Students must research and develop solutions to real-life situations using management information systems principles.						I, R, M	M	R, M	M, A	R, M	M, A	A

Changes to Curriculum
Are there any changes made to the curriculum map for this academic year? If so, please describe the program changes made along with the rationale for why and the impact the change should have on student learning?

The textbook for MIS 350 and MIS 425 are updated to the newest versions. Both courses required minor modifications with updates to the textbooks.

Assessment Findings

Assessment Findings for the Assessment Measure level for MIS Curriculum Map

MIS.1 Students must utilize technology and end user software to solve complex management information systems issues.				

MIS 125				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**
Direct - External Testing	Has the criterion 75% of the students will pass the SimNet Application exams in Word, Excel, and Access. been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.

SPR				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**
Direct - External Testing	Has the criterion 75% of the students will pass the SimNet application exam in Word, Excel, and Access. been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.
Direct - External Testing	Has the criterion 80% of MIS Seniors will pass theComputer Application portion of the IC3 Certification Exam. been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.

MIS.2 Students must incorporate detailed, well established networking principles to project based learning situations.				

MIS 250				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**
Direct - External Testing	Has the criterion 75% of the students will pass the TestOut networking certification exam been met yet?	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior		- : In 2021 the University decided to sunset this program.

Not met	to departure.			

SPR				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**
Direct - External Testing	Has the criterion 75% of the students will pass the TestOut networking certification exam. been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.

MIS.3 Students must apply best practices to design, develop and manage website related projects.

MIS 325				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**
Direct - Class Assignment	Has the criterion 80% of the students will be assessed as Mastered or better on their final website project. been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.

MIS.4 Students must research and develop solutions to real-life situations using management information systems principles.

MIS 425				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**

Direct - Class Assignment	Has the criterion 75% of the students will pass the performance based exam preparing the students for the Red Hat Administration 1certification exam. been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.

MIS 475				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**
Indirect - Survey of Students	Has the criterion 85% of the students assessed as Agree or better on Capstone Project Survey been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.

SPR				
Assessment Measure	**Criterion**	**Summary**	**Attachments of the Assessments**	**Improvement Narratives**
Direct - External Testing	Has the criterion 85% of MIS Seniors will pass the Computer Application portion of the IC3 Certification Exam been met yet? Not met	The faculty member responsible for this data left the University in February of 2021 with two weeks' notice. Data for this measure was not provided prior to departure.		- : In 2021 the University decided to sunset this program.

Analysis of the Assessment Process
Describe your assessment process; clearly articulate how the program is using course work and or assessment day activities for program assessment. Note any changes that occurred to that process since the previous year. Discuss what activities were successful at assessment and which ones were not as helpful and why. Please include who met to discuss the changes (unless you are a program of one person) and when you met. – Include a discussion on the process for collection and analysis of program data.

The faculty member responsible for this information left the University in February of 2021 with two weeks' notice. This information was was not provided prior to departure.

Improvement Narrative List

Assessment Findings for the Assessment Measure level

Standard/Outcome	MIS.1 Students must utilize technology and end user software to solve complex management information systems issues.
Legend	A
Course/Event	MIS 125
Assessment Measure	Direct - External Testing
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.2 Students must incorporate detailed, well established networking principles to project based learning situations.
Legend	A
Course/Event	MIS 250
Assessment Measure	Direct - External Testing
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.3 Students must apply best practices to design, develop and manage website related projects.
Legend	A
Course/Event	MIS 325
Assessment Measure	Direct - Class Assignment
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.4 Students must research and develop solutions to real-life situations using management information systems principles.
Legend	A
Course/Event	MIS 425
Assessment Measure	Direct - Class Assignment
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.4 Students must research and develop solutions to real-life situations using management information systems principles.
Legend	A
Course/Event	MIS 475
Assessment Measure	Indirect - Survey of Students
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.1 Students must utilize technology and end user software to solve complex management information systems issues.
Legend	A
Course/Event	Student Performance Review
Assessment Measure	Direct - External Testing
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.1 Students must utilize technology and end user software to solve complex management information systems issues.

Legend	A
Course/Event	Student Performance Review
Assessment Measure	Direct - External Testing
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.2 Students must incorporate detailed, well established networking principles to project based learning situations.
Legend	A
Course/Event	Student Performance Review
Assessment Measure	Direct - External Testing
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Standard/Outcome	MIS.4 Students must research and develop solutions to real-life situations using management information systems principles.
Legend	A
Course/Event	Student Performance Review
Assessment Measure	Direct - External Testing
Assessment Findings	Not met
Improvement Narrative	

Improvement Type	Summary
	In 2021 the University decided to sunset this program.

Program Activities

Student Performance Review
Describe the department assessment day activities if not already described previously. Please articulate the nature of the assessments are conducted, explain the process for assessment that happens on these two days. Include the schedule of assessment day for your program. What does the data and outcomes tell you? What changes will you make as a result of the data? What areas are successful for the program?

The faculty member responsible for this activity left the University in February of 2021 with two weeks' notice. As such, student performance day activities were not completed.

This program will be sunset.

Student Performance Review Schedule
Upload the program schedule for students during Performance Reviews.

Senior Showcase
Describe program Senior Showcase activities if not detailed previously in the report? What benefit does the program gain from the activities? What if any assessment of students happens during this event? What changes if any will occur due to what is learned by faculty on Senior Showcase?

The faculty member responsible for this activity left the University in February of 2021 with two weeks' notice. As such, senior showcase activities were not completed.

This program will be sunset so the focus is on graduating current students and closing the program.

Assessment Rubrics
Upload rubrics used for Senior Showcase or Student Performance Reviews for student assessment.

Service Learning
Does the Program include projects/ course content that uses the philosophy of service learning?
Yes
No (selected)

Service Learning Component
If so, how is service learning infused in the coursework within your department? Is service or community engagement in the program mission? Describe the Service Learning Activities that your students and department engaged in this past year. How did the activities improve student learning? How did the activities benefit the community?

N/A

LEAD Events
Highlight lead events sponsored by program faculty that are connected to program or general education objectives for the past academic year. Include a total number of lead events program faculty sponsored.

N/A

Student Accomplishments
Highlight special examples of student successes in the field (academic: mentor-mentee, conference presentations, competitive internship, journal acceptance; extra-curricular: horse show championship, art exhibit). This is for any

accomplishments that a student achieved outside of course work or the normal expectations of student success.

N/A

Alumni Accomplishments
Please highlight special examples of any successes of recent graduated alumni (acceptance or graduation graduate school, employment or professional milestones. Include recent graduates.

No information available at the time of this report.

Faculty Accomplishments
Highlight special examples of faculty success in the profession/field/content area. This is for any accomplishment of a faculty activity/research/professional nature.
None to report.

Assessment Rubric

	(3.000) **Exceeds**	(2.000) **Meets**	(1.000) **Falls Below Expectations**	**N/A**
Mission Statement Clearly Articulated weight: 1.000	✓ The mission statement for the program is insightful and forward thinking. It aligns with the University Mission and learning objectives showing a clear alignment between the University and the program.	The mission statement for the program clearly articulated and aligned with the University mission.	✓ The mission statement is minimal at best.	✓ N/A
Comment:	Nothing really here but program is being sunset.			
Reflection on Retention weight: 1.000	✓ The program provides a detailed description on the retention numbers. The program provides new ideas on how to improve retention of their program students or articulates what they are currently doing to keep students in their program.	✓ The program provides a basic reflection on the retention data provided.	The program does not reflect on retention data in a detailed way.	✓ N/A
Comment:	Discusses hands on and how the numbers are shrinking but does not explain thoughts as to why. No plans, but it is sunsetted anyway.			
Defines External Accreditation Standards weight: 1.000	✓ The program provides a detailed explanation of the accreditation organizations within the field along with all the timeline and supplemental information required for accreditation.	The program provides a basic explanation of the accreditation organizations in the field.	The program fails to provide any accreditation information.	✓ N/A
Comment:				
General Education alignment clearly explained weight: 1.000	The program provides a detailed explanation of the General Education criterial and how the basic skills learned are expanded upon in the program. Details include but are not limited to: specific courses, or activities that stretch the knowledge of the specific areas.	✓ The program provides a basic explanation of the General Education curriculum and how the skills learned are expanded in program courses.	The program provides a minimal explanation of the General Education curriculum and how the skills learned are expanded in program courses.	✓ N/A
Comment:				
Curriculum Map alignment weight: 1.000	✓ The curriculum map is detailed and complete.	✓ The curriculum map is complete	✓ The curriculum map is not complete	✓ N/A
Comment:				
Assessment of Objectives weight: 1.000	Assessment of objectives are spread out across the curriculum with a variety of assessment measures and each program objective is assessed a minimum of twice a year.	✓ Each objective is assessed a minimum of 2 times a year or an assessment rotation is explained so that all objectives are assessed. The assessments are not concentrated in one class.	The assessment map is not complete or much of the assessment happens in only one course. Not all objectives are assessed annually, nor is a plan provided on assessment.	✓ N/A
Comment:	MIS 3 objective is only assessed 1 time. Assessment is spread.			
Data Driven Decision-making is explained weight: 1.000	Curricular and assessment changes are articulated and validated through data based decisions. Faculty discuss the data that lead to curricular decisions being made.	Curricular and assessment decisions are made based on data provided in assessment, but detailed alignment is not provided as justification for the change.	✓ Changes are proposed and brought forth with little explanation on the data included in the decision, if data was included in the decision.	✓ N/A
Comment:	Just textbook changes are listed.			

Criterion				
Documentation provided on assessment findings weight: 1.000	The program uploads all rubric and support information to support the claims in the assessment findings along with detailed instructions on the assessment process and data analysis.	The program uploads all rubric and support information to support the claims in assessment findings.	The program did not upload the data to support assessment claims in the assessment findings.	N/A
Comment:	No uploads were made that I could see.			
Analysis of Assessment is complete weight: 1.000	The program completed assessment findings for each component identified, and provided a comprehensive summary of each assessment measure identified in the report.	The program completed the assessment findings for each component and provided a summary for each assessment measure.	The program did not provide a completed assessment findings for each component, nor did they complete the summary for each measure.	N/A
Comment:	Not detailed as no evidence was left by the faculty member that left in February.			
Improvement narratives are selected with intentionality weight: 1.000	The program identified Improvement Narratives that appear to move the program forward and see the bigger picture than only the specific program curriculum options	The program used the provided Improvement Narratives and selected options that made sense to the objectives and issues within the assessment.	The program did not use any improvement narratives, or the ones chosen are not aligned with assessment results.	N/A
Comment:	Program sunsettedwas the only comment for all.			
Student Performance Review weight: 1.000	The program described and provided a detailed account of Student performance Review activities. Data evidence provided and detailed.	The program provided the schedule and a brief description of Student Performance Review with data of the results.	The program did not provide complete explanation on Student Performance Review nor did they provide data results.	N/A
Comment:				
Senior Showcase weight: 1.000	The program had all senior students participate in Senior Showcase and provided a detailed explanation of their expectation and the presentations presented.	The program described the Senior showcase activities and provided some evidence of what was presented.	Little to no content of Senior showcase was provided.	N/A
Comment:				
Co Curricular activities weight: 1.000	The program detailed the activities of LEAD and other co-curricular programing that was provided throughout the year. They provided numerous events for students.	The program provided a listing of LEAD events and activities provided.	The program provided little to no description of the Co-curricular activities provided throughout the year.	N/A
Comment:				
Faculty, alumni, and Student accomplishments weight: 1.000	The program provided detail updates on successes on Students, Alumni and Faculty with added information explaining the kinds of success that were experienced.	The program provided a listing of information on Students, Alumni, and faculty accomplishments.	The program provided little to no data on students, alumni, faculty accomplishments.	N/A

Appendix

Get into the business of technology.

Join the growing field of Management of Information Systems (MIS) — that takes technological thinking and applies it through business theory and forward-thinking strategy.

Engage in internships with local Missouri businesses, gaining hands-on experience and interacting with the Fulton community and beyond. Collaborate with a team through group-based projects in your upper-level courses. Join the Student Website Advancement Team (SWAT) on campus and work with real clients to create, manage and revise websites or develop skills in analyzing website navigation in the Usability Testing lab.

Understand the complexities of technology and information systems through the William Woods University MIS concentration within the Business Administration degree and become a valuable asset to any workplace.

Our Management of Information Systems at Work

The Management of Information Systems concentration in the Business Administration major prepares you for a career as a business analyst, consultant, IT professional, systems analyst, quality assurance analyst, and more.

Curriculum/Requirements

The MIS concentration within the Business Administration major includes coursework in database management systems, website development, project management, an internship and more.

Admissions Information

Learn more about undergraduate admissions requirements, deadlines, tuition and financial aid available to you.

Admissions and Financial Aid »

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