# Crowder Community College

Crowder Associate of Arts in Information Technology to MSU Bachelor of Science in Information Technology (Cybersecurity Track)

The following is a guide to graduation with completion of Crowder's Associate of Arts in Information Technology and MSU's Bachelor of Science in Information Technology (Cybersecurity Track) The degree may be completed on campus or online. This is a comprehensive major meaning it does not require completion of a minor. Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met. Catalog Year: 2022-2023. Date Modified: 6.15.22.

MSU Transfer Advisor: Business Advisement Center, [BusinessAdvisement@MissouriState.edu](mailto:BusinessAdvisement@MissouriState.edu), 417-836-5386

Finish in 4 Go Bears Missouri State University

### Crowder Year 1 Semester 1

Institutional Requirement

* Crowder Course ID/Title: COLL 101 Navigating College
* Credit Hours: 1
* MSU Equivalent: GEN 000
* Meets Core 42: No
* MSU Major Requirement: No

Major Course

* Crowder Course ID/Title: BSAD 125 🔾 Computer Applications
* Credit Hours: 3
* MSU Equivalent: ITC 200
* Meets Core 42: No
* MSU Major Requirement: Yes

Mathematical Sciences – 3 credit hours

* Crowder Course ID/Title: MTH 135 🔾 Algebra for Calculus
* Credit Hours: 3
* MSU Equivalent: MTH 136
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Written Communications - 6 credit hours

* Crowder Course ID/Title: ENGL 101 🔾 English Composition
* Credit Hours: 3
* MSU Equivalent: ENG 110
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Oral Communications – 3 credit hours for Core 42

* Crowder Course ID/Title: COM 104 🔾 Fundamentals of Speech
* Credit Hours: 3
* MSU Equivalent: COM 115
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Humanities and Fine Arts - 9 credit hours (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose from one group: ⮙ – Foreign Language Option: FREN 101, SPAN 101, SPAN 102 -OR - Foreign Culture Option: PHIL 121, ENGL 245
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes

Semester 1 Total = 16 credit hours

### Crowder Year 1 Semester 2

Business Elective

* Crowder Course ID/Title: ACCT 201 🔾 Principles of Accounting 1
* Credit Hours: 3
* MSU Equivalent: ACC 201
* Meets Core 42: No
* MSU Major Requirement: Yes

Written Communications - 6 credit hours

* Crowder Course ID/Title: ENGL 102 Advanced English Composition
* Credit Hours: 3
* MSU Equivalent: ENG 210
* Meets Core 42: Yes
* MSU Major Requirement: No

Social/Behavioral Sciences - 9 credit hours – Civics Requirement

* Crowder Course ID/Title: HST 106, HST 107, PLSC 103
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Major Course

* Crowder Course ID/Title: ITC 235 Computer Hardware and Operating Systems
* Credit Hours: 3
* MSU Equivalent: ITC 235
* Meets Core 42: No
* MSU Major Requirement: Yes

Natural Sciences – 7 credit hours – (Must fulfill 2 disciplines)

* Crowder Course ID/Title: BIOL 101, BIOL 110, BIOL 120, BIOL 152, BIOL 252, CHEM 101,   
  CHEM 104, CHEM 111, GEOL 115, GEOL 210, PHYS 101, PHYS 105, PHYS 190
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Semester 2 Total = 15 credit hours

### Crowder Year 2 Semester 3

Major Course

* Crowder Course ID/Title: ITC 260 Introduction to Java Programming
* Credit Hours: 3
* MSU Equivalent: ITC 260
* Meets Core 42: No
* MSU Major Requirement: Yes

Core Elective - 5 hours required for Core 42

* Crowder Course ID/Title: Choose one: GEOG 111, PSYC 211, SOC 101
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Social/Behavioral Sciences - 9 credit hours – (Must fulfill 2 disciplines)

* Crowder Course ID/Title: ECON 201 🔾 Principles of Macroeconomics
* Credit Hours: 3
* MSU Equivalent: ECO 155
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Business Elective – 6 credit hours

* Crowder Course ID/Title: ACC 202🔾 Principles of Accounting 2
* Credit Hours: 3
* MSU Equivalent: ACC 211
* Meets Core 42: No
* MSU Major Requirement: Yes

Humanities and Fine Arts - 9 credit hours (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose from one group: ⮙ – Foreign Language Option: FREN 101, SPAN 101, SPAN 102 -OR - Foreign Culture Option: PHIL 121, ENGL 245
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Social/Behavioral Sciences - 9 credit hours – (Must fulfill 2 disciplines)

* Crowder Course ID/Title: PSYC 101 🔾 General Psychology
* Credit Hours: 3
* MSU Equivalent: PSY 121
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Semester 3 Total = 18 credit hours

### Crowder Year 2 Semester 4

Major Course

* Crowder Course ID/Title: ITC 295 Database Management Systems
* Credit Hours: 3
* MSU Equivalent: ITC 295
* Meets Core 42: No
* MSU Major Requirement: Yes

Major Course

* Crowder Course ID/Title: ITC 299 System Analysis and Design
* Credit Hours: 3
* MSU Equivalent: ITC 388
* Meets Core 42: No
* MSU Major Requirement: Yes

Core Elective - 5 hours required for Core 42

* Crowder Course ID/Title: ECON 202 🔾 Principles of Microeconomics
* Credit Hours: 3
* MSU Equivalent: ECO 165
* Meets Core 42: Yes
* MSU Major Requirement: Yes

Humanities and Fine Arts - 9 credit hours (Must fulfill 2 disciplines)

* Crowder Course ID/Title: Choose one: ART 101, ART 106▲, ART 107, ART 110 ART 111, ASL 101, ASL 102, FREN 101, ENGL 109, ENG 203, ENGL 222, ENGL 225, ENGL 230, ENGL 235, ENGL 240, ENGL 245,  
  MUSC 101, MUSC 106\*▲, MUSC 107\*▲, MUSC 195\*▲, MUSC 196\*▲, MUSC 206\*▲, MUSC 207\*▲,  
  MUSC 295\*▲, MUSC 296\*▲, PHIL 101, PHIL 121, PHIL 201, PHIL 202, SPAN 101, SPAN 101, SPAN 102,  
  TA 205, HIST 101, HIST 102
* Credit Hours: 3
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Natural Sciences – Lab Requirement – 7 credit hours

* Crowder Course ID/Title: Choose one: BIOL 101, BIOL 120 BIOL 152, BIOL 252, GEOL 210
* Credit Hours: 4
* MSU Equivalent: Varies
* Meets Core 42: Yes
* MSU Major Requirement: No

Semester 4 Total = 16  
Total Hours at OTC = 65  
Total Hours Applied Toward MSU Major Requirements: 42 Hours

\* One credit hour course

▲May choose only one, falls under MOTR code 'PERF’

⮙ Options listed fulfill the MSU Globalization requirement

🔾 Fulfills a College of Business admission requirement.

# Missouri State University

MSU Bachelor of Science in Information Technology (Cybersecurity Track) after Crowder Associate of Arts in Information Technology

Date Modified: 6.15.22  
MSU Transfer Advisor: Business Advisement Center, [BusinessAdvisement@MissouriState.edu](mailto:BusinessAdvisement@MissouriState.edu), 417-836-5386

Courses are sequenced to provide guidance and to help ensure that prerequisite requirements are met.

Catalog Year: 2022-23

### MSU Year 3 Semester 1

COB Core Requirement

* MSU Course ID/Title: ITC 201 Computer Applications for Business
* Credit hours: 3

COB Admission Requirement

* MSU Course ID/Title: MGT 286 Business Communications
* Credit hours: 3

COB Admission Requirement

* MSU Course ID/Title: LAW 231 Legal Environment of Business
* Credit hours: 3

COB Admission Requirement

* MSU Course ID/Title: QBA 237 Basic Business Statistics
* Credit hours: 3

General Elective \*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 3

Semester 1 Total: 15 Credit Hours

### MSU Year 3 Semester 2

Major Requirement #1

* MSU Course ID/Title: Choose one: ITC 330 Introduction to Networking
* Credit hours: 3

COB Core Requirement

* MSU Course ID/Title: MGT 340 Principles of Management
* Credit hours: 3

COB Core Requirement

* MSU Course ID/Title: MKT 350 Principles of Marketing
* Credit hours: 3

COB Core Requirement

* MSU Course ID/Title: FIN 380 Financial Management
* Credit hours: 3

COB Core Requirement

* MSU Course ID/Title: LAW 332 Debtor and Creditor Rights and Remedies
* Credit hours: 1

Semester 2 Total: 13 Credit Hours

### MSU Year 4 Semester 3

COB Core Requirement

* MSU Course ID/Title: MKT 364 Operations Management
* Credit hours: 3

COB Core Requirement

* MSU Course ID/Title: ITC 429 Information Systems with Business Intelligence
* Credit hours: 3

Major Requirement #1

* MSU Course ID/Title: ITC 430 Advanced Networking
* Credit hours: 3

Major Requirement #2 – 9 credit hours required

* MSU Course ID/Title: Choose one: ITC 494, ITC 560 ITC 563, ITC 564, ITC 566, ITC 565, ITC 566
* Credit hours: 3

General Elective\*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 1

Semester 3 Total: 13 Credit Hours

### MSU Year 4 Semester 4

COB Core Requirement

* MSU Course ID/Title: MGT 487 Strategic Management and Policy
* Credit hours: 3

Major Requirement #2 – 9 credit hours required

* MSU Course ID/Title: Choose one: ITC 494, ITC 560 ITC 563, ITC 564, ITC 566, ITC 565, ITC 566
* Credit hours: 3

Major Requirement #2 – 9 credit hours required

* MSU Course ID/Title: Choose one: ITC 494, ITC 560 ITC 563, ITC 564, ITC 566, ITC 565, ITC 566
* Credit hours: 3

Major Requirement #2 – 9 credit hours required

* MSU Course ID/Title: Choose one: ITC 494, ITC 560 ITC 563, ITC 564, ITC 566, ITC 565, ITC 566
* Credit hours: 3

General Elective\*\*

* MSU Course ID/Title: Work with your MSU advisor to identify courses that will complement your specific career goals.
* Credit hours: 2

Semester 4 Total: 14 Credit Hours  
Total Hours at MSU: 55  
Total Hours Overall: 120

\*\* Electives provide the opportunity to customize your degree program. Some elective credits may or may not be needed to bring total credit hours to a minimum of 120 credit hours and upper division hours (300+) to 40.

This information is provided as a guide only.

* Crowder students are strongly encouraged to meet with their major specific MSU transfer advisor early in their Crowder education to discuss the most appropriate Crowder coursework for their intended MSU major, MSU degree requirements, etc.
* Students are required to fulfill MSU graduation and GPA requirements to receive a degree and should consult with their MSU advisor and the MSU undergraduate catalog for details, as there may exist pre-requisite requirements as well as periodicity limitations that could affect scheduling sequences.
* Please note that transfer students from Missouri public colleges and universities may follow the general education and general baccalaureate degree requirements in effect at Missouri State when they first enrolled (or re-enrolled after an absence of one calendar year or more) as degree-seeking students at the institutions from which they transferred (e.g., Crowder).