

Bachelor of Science in Cybersecurity Four-Year Degree Plan

This is offered as a guide for academic planning and includes courses required for the Cybersecurity degree. Note: Semester schedules are subject to change, and courses listed below serve as a recommendation only. The Area refers to the check-sheet's areas.

| Course | | Hours | Area | Course | | Hours | Area |
|---|--|---|---|---|---|---|---------------------------------------|
| Composition I | ENGL 1101 | 3 | А | Composition II | ENGL 1102 | 3 | А |
| College Algebra | MATH 1111 | 3 | А | Academic Inquiry | INQR 1000 | 1 | В |
| Public Speaking | COMM 1110 | 3 | В | Statistics | MATH 1401 | 3 | D |
| Am. Government | POLS 1101 | 3 | Е | Programming I | CSCI 1301 | 4 | F |
| Intro to Web Dev | AIST 2220 | 3 | F | Data Management | MINF 2650 | 3 | F |
| | Total Hours | 15 | | Wellness | WELL 1000 | 2 | |
| | | | | | Total Hours | 16 | |
| Year 2 | | | | | | | |
| Course | | Hours | Area | Course | | Hours | Area |
| Humanities elective | | 3 | С | Humanities elective | | 3 | С |
| US History | HIST 2111/2 | 3 | E | Social Science elective | | 3 | Е |
| Ethics | CSCI 2700 | 2 | F | PSYC/SOCI/ANTH/ECON | Elective | 3 | Е |
| Scripting & Automation | AIST 2120 | 3 | F | Information Systems | MINF 3650 | 3 | IT |
| Network & Security | CYBR 2600 | 4 | F | Math for Business & Econ | MATH 3210 | 3 | IT |
| Wellness Activity | | 1 | | Wellness Activity | | 1 | |
| | Total Hours | 16 | | | Total Hours | 16 | |
| | | | | | | | |
| Year 3 | | 11 | | <u></u> | | | |
| Course | | Hours | | Course | | Hours | |
| Course 1 st Science Elective | PHYS/CHEM/BIOL | 4 | D | 2 nd Science Elective | PHYS/CHEM/BIOL | 4 | D |
| Course 1 st Science Elective Database Management | AIST 3410 | 4 3 | D IT | 2 nd Science Elective Comm for Professionals | COMM 3100 | 4 3 | D IT |
| Course 1 st Science Elective Database Management Opr Sys Administration | AIST 3410 AIST 3720 | 4 3 3 | D IT IT | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops | COMM 3100 CYBR 3100 | 4 3 3 | D IT Cybr |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis | AIST 3410 AIST 3720 | 4 3 3 3 | D IT | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter | COMM 3100 | 4 3 3 3 | D IT Cybr |
| Course 1 st Science Elective Database Management Opr Sys Administration | AIST 3410 AIST 3720 AIST 3320 | 4 3 3 3 3 | D IT IT | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops | COMM 3100 CYBR 3100 CYBR 3200 | 4 3 3 3 3 | D IT Cybr |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis | AIST 3410 AIST 3720 | 4 3 3 3 | D IT IT | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter | COMM 3100 CYBR 3100 | 4 3 3 3 | D IT Cybr |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis General Elective Year 4 | AIST 3410 AIST 3720 AIST 3320 | 4 3 3 3 16 | D IT IT Cybr | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter General Elective | COMM 3100 CYBR 3100 CYBR 3200 | 4 3 3 3 16 | D IT Cybi Cybi |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis General Elective Year 4 Course | AIST 3410 AIST 3720 AIST 3320 Total Hours | 4 3 3 3 16 Hours | D IT IT Cybr Area | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter General Elective | COMM 3100 CYBR 3100 CYBR 3200 Total Hours | 4 3 3 3 16 Hours | D IT Cybi Cybi |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis General Elective Year 4 Course System Analysis | AIST 3410 AIST 3720 AIST 3320 Total Hours AIST 3610 | 4 3 3 3 16 Hours 3 | D IT Cybr Area IT | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter General Elective Course Enterprise Sys Arch | COMM 3100 CYBR 3100 CYBR 3200 Total Hours AIST 4720 | 4 3 3 3 16 Hours 3 | D IT Cybr Cybr Area IT |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis General Elective Year 4 Course System Analysis Project Management | AIST 3410 AIST 3720 AIST 3320 Total Hours AIST 3610 MINF 3625 | 4 3 3 3 16 Hours 3 3 | D IT Cybr Area IT IT | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter General Elective Course Enterprise Sys Arch Digital Forensics | COMM 3100 CYBR 3100 CYBR 3200 Total Hours | 4 3 3 3 16 Hours 3 3 | D IT Cybr Cybr Area IT |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis General Elective Year 4 Course System Analysis Project Management Advanced Networking | AIST 3410 AIST 3720 AIST 3320 Total Hours AIST 3610 | 4 3 3 3 16 Hours 3 3 3 3 | D IT Cybr Area IT IT Cybr | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter General Elective Enterprise Sys Arch Digital Forensics General Elective | COMM 3100 CYBR 3100 CYBR 3200 Total Hours AIST 4720 | 4 3 3 3 16 Hours 3 3 3 3 | D IT Cybr Cybr Area IT |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis General Elective Year 4 Course System Analysis Project Management Advanced Networking IT/Cybr Elective | AIST 3410 AIST 3720 AIST 3320 Total Hours AIST 3610 MINF 3625 | 4 3 3 3 16 Hours 3 3 3 3 3 | D IT Cybr Area IT IT | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter General Elective Enterprise Sys Arch Digital Forensics General Elective General Elective | COMM 3100 CYBR 3100 CYBR 3200 Total Hours AIST 4720 | 4 3 3 3 16 Hours 3 3 3 3 3 | D IT Cybr Cybr Area IT |
| Course 1 st Science Elective Database Management Opr Sys Administration TCP/IP Protocol Analysis General Elective Year 4 Course System Analysis Project Management Advanced Networking | AIST 3410 AIST 3720 AIST 3320 Total Hours AIST 3610 MINF 3625 | 4 3 3 3 16 Hours 3 3 3 3 | D IT Cybr Area IT IT Cybr | 2 nd Science Elective Comm for Professionals Intro to Def Cyber Ops Network Def & Counter General Elective Enterprise Sys Arch Digital Forensics General Elective | COMM 3100 CYBR 3100 CYBR 3200 Total Hours AIST 4720 | 4 3 3 3 16 Hours 3 3 3 3 | D IT Cybr Cybr |