



PATHWAYS



YOUR MAP TO
COMPLETION for
2023-2024

Computer Science - Data Analytics

Associate in Applied Science / Short-Term Certificate

| Full Time | Course Prefix | Course Description | Credit Hours | Semesters Offered | Area |
|--|---------------|---|--------------|-------------------|--------------|
| Semester 1 | ORI 110 | Freshman Seminar | 1 | Fa Sp Su | Required V |
| | CIS 134 | IT Fundamentals | 3 | Fa Sp | Required V |
| | CIS 149 | Introduction to Computers | 3 | Fa Sp | Required V |
| | CIS 199 | Network Communications | 3 | Fa Sp Su | Required V |
| | ENG 101 | English Composition I | 3 | Fa Sp Su | Required I |
| | MTH 100 | Intermediate College Algebra | 3 | Fa Sp Su | Required III |
| Semester 2 | CIS 211 | Principles of Information Assurance | 3 | Fa Sp Su | Required V |
| | CIS 205 | Control Language and Utilities Applications | 3 | Spring | Required V |
| | CIS 150 | Intro to Computer Logic and Programming | 3 | Fa Sp | Required V |
| | ENG 102 | English Composition II | 3 | Fa Sp Su | Required I |
| | *MTH 112 | Precalculus Algebra | 3 | Fa Sp Su | Required III |
| Semester 3 | CIS 146 | Computer Applications | 3 | Fa Sp Su | Required V |
| | CIS 171 | Linux I | 3 | Sp Su | Required V |
| | *IDS 102 | Ethics | 3 | Fa Sp Su | Required II |
| | *PSY 200 | General Psychology | 3 | Fa Sp Su | Required IV |
| Semester 4 | MTH 120 | Calculus and Its Applications | 3 | Fa Sp | Required III |
| | BUS 271 | Business Statistics I | 3 | Fa Sp Su | Required V |
| | *ECO 231 | Principles of Macroeconomics | 3 | Fa Sp Su | Required IV |
| | CIS 222 | Database Management Systems | 3 | Fall | Required V |
| Semester 5 | CIS 294 | Special Topics | 3 | Fa Sp Su | Required V |
| | CIS 202 | Python Programming | 3 | Sp Su | Required V |
| | BUS 272 | Business Statistics II | 3 | Fa Sp Su | Required V |
| | CIS 281 | System Analysis and Design | 3 | Fa Sp | Required V |
| Data Analytics AAS TOTAL HOURS 67 | | | | | |
| Information Technology Short-Term Certificate TOTAL HOURS 12 | | | | | |
| Data Analytics Short-Term Certificate TOTAL HOURS 12 | | | | | |

*May be substituted per advisor's approval

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <https://alabamatransfers.com/>

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