

NAME _____ ID# _____

| General Education Requirements: 35 hours | | | Grade | Substitution / notes |
|---|-------|-------------------------------------|-------|----------------------|
| English Composition: 6 hours (both of the following) | | | | |
| ENGL | 1013 | Composition I | _____ | _____ |
| ENGL | 1023 | Composition II | _____ | _____ |
| Communication: 3 hours (one of the following) | | | | |
| COMM | 1023 | Public Speaking | _____ | _____ |
| COMM | 2283 | Business and Professional Speech | _____ | _____ |
| COMM | 2203 | Interpersonal Communication | _____ | _____ |
| NRM | 2063 | Nat. Resources Communication | _____ | _____ |
| Fine Arts: 3 hours (one of the following) | | | | |
| ART | 1053 | Art Appreciation | _____ | _____ |
| FA | 1013 | Fine Arts Appreciation | _____ | _____ |
| FA | 1023 | Film Appreciation | _____ | _____ |
| MUS | 1113 | Music Appreciation | _____ | _____ |
| Humanities: 3 hours Any literature, philosophy, or foreign language course | | | | |
| Mathematics: 3 hours Any MATH 1000 level or higher course | | | | |
| MATH | _____ | _____ | _____ | _____ |
| Social Sciences: 9 hours (one of the following) | | | | |
| HIST | 2213 | American History I | _____ | _____ |
| HIST | 2223 | American History II | _____ | _____ |
| PSCI | 2213 | American National Government | _____ | _____ |
| AND (two of the following from different disciplines) | | | | |
| ANTH | 2203 | Cultural Anthropology | _____ | _____ |
| ANTH | 2213 | North American Indians | _____ | _____ |
| ANTH | 2223 | World Prehistory | _____ | _____ |
| ANTH | 2233 | Arkansas Regional Archeology | _____ | _____ |
| ANTH | 2243 | Sex, Gender, and Culture | _____ | _____ |
| ANTH | 2253 | Intro to Archeology | _____ | _____ |
| CJ | 1013 | Introduction to Criminal Justice | _____ | _____ |
| CJ | 2293 | Law and Society (same as PSCI 2291) | _____ | _____ |
| ECON | 2203 | Principles of Macroeconomics | _____ | _____ |
| ECON | 2213 | Principles of Microeconomics | _____ | _____ |
| GEOG | 2213 | General Geography I | _____ | _____ |
| GEOG | 2223 | General Geography II | _____ | _____ |
| HIST | 1013 | World History to 1500 | _____ | _____ |
| HIST | 1023 | World History since 1500 | _____ | _____ |
| PSCI | 2223 | State Government of Arkansas | _____ | _____ |
| PSCI | 2233 | Comparative Politics | _____ | _____ |
| PSCI | 2293 | Law and Society (same as PSCI 2291) | _____ | _____ |
| PSCI | 2353 | World Politics | _____ | _____ |
| PSY | 1013 | *Introduction to Psychology | _____ | _____ |
| SOC | 2213 | *Introduction to Sociology | _____ | _____ |
| SWK | 2123 | Introduction to Social Work | _____ | _____ |
| SOC | 2213 | Social Problems | _____ | _____ |
| Science with Labs: 8 hours (two 3-hour lecture courses with 1 hour associated labs or 4-hour courses with integrated labs) | | | | |
| Lecture | CLS # | Lab | CLS # | Grade |
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

Mathematics Data Science Option

Catalog Year: 2020-21

| Major Requirements: 43 hours | Grade | Substitution / Notes |
|--|--|--------------------------|
| Math 1033 Trigonometry or passing departmental exam | _____ | _____ |
| MATH 2233 Introduction to Mathematical Reasoning | _____ | _____ |
| MATH 2343 Introduction to Statistics | _____ | _____ |
| MATH 2255 Calculus I | _____ | _____ |
| MATH 3403 Probability & Statistics | _____ | _____ |
| MATH 3463 Linear Algebra | _____ | _____ |
| MATH 3495 Calculus II | _____ | _____ |
| MATH 3513 Discrete Mathematics | _____ | _____ |
| MATH 3533 Differential Equations | _____ | _____ |
| MATH 3545 Calculus III | _____ | _____ |
| MATH 4711 Mathematics Seminar | _____ | _____ |
| Mathematics Electives: 6 hours at the 3000-4000 level | <i>(except courses specifically excluded).</i> | |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| Supportive Requirements: 33 hours | | |
| CIS 1193 PC Hardware and Software Maintenance | _____ | _____ |
| CIS 2203 Programming Logic and Design | _____ | _____ |
| CIS 2223 Microcomputer Applications | _____ | _____ |
| CS 3003 Python Programming | _____ | _____ |
| CIS 3123 Linux Operating Systems | _____ | _____ |
| CIS 3103 Advanced Microcomputer Applications | _____ | _____ |
| <i>Pick two of the following three options</i> | | |
| CIS 3423 COBOL | _____ | _____ |
| CIS 3243 Introduction to Java | _____ | _____ |
| CIS 3443 Object-Oriented Programming | _____ | _____ |
| CIS 3523 System Analysis and Design | _____ | _____ |
| CIS 4503 Data Communications and Networking | _____ | _____ |
| CIS 4623 Database Management Systems | _____ | _____ |
| NOTE: Students may use College Physics or University Physics, but not part I of both courses to fulfill the science requirement | | |
| A student who plans to teach should include MATH 3233 History of Mathematics, and MATH 3423 College Geometry as upper level electives in mathematics. | | |
| Additional MAED courses as general electives would be helpful for those planning to teach | | |
| This degree requires a minimum of 120 hours of college level credit | | Total Hours |
| This degree requires a minimum of 40 hours of 3000-4000 level credit. | | Upper level hours |
| This degree does not require a minor; however, a minor in CIS or Teaching and Learning are excellent options to fulfill the upper level hour requirements | | |
| Additional MAED courses are recommended as electives for those planning to teach | | |