

Bachelor of Applied Science in Digital Media: Web Development (BAS)

2025 - 2026

The Bachelor of Applied Science in Digital Media undergraduate degree program is designed to prepare graduates with the requisite knowledge, skills, and values to effectively apply various business principles and tools in an organizational setting. The BAS-DM is a program designed to balance theory and concepts with practical application and tools. The program of study will include areas such as digital media, simulations, and web based technology. The interdisciplinary approach to this degree allows students to integrate courses from several specialized areas in computing. Graduates of this program will be prepared for a variety of entry and mid-level technical and management positions within the digital media, web technology, and computing industries.

Communications (6 credits)

- | | |
|---|---|
| <input type="checkbox"/> ENC1101 English Composition I●+* | 3 |
| <input type="checkbox"/> ENC1101C Enhanced English Comp. I●+* | 4 |
| <input type="checkbox"/> ENC1102 English Composition II+* | 3 |
| <input type="checkbox"/> | |

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (●).

Humanities 1–Visual & Performing Arts

- | | |
|---|---|
| <input type="checkbox"/> ARH2000 Understanding Visual Arts● | 3 |
| <input type="checkbox"/> ARH2050 Art History I | 3 |
| <input type="checkbox"/> ARH2051 Art History II | 3 |
| <input type="checkbox"/> ARH2060 History of Architecture | 3 |
| <input type="checkbox"/> MUL2010 Understanding Music● | 3 |
| <input type="checkbox"/> MUL2110 Survey of Music Literature | 3 |
| <input type="checkbox"/> THE2000 Understanding Theater● | 3 |
| <input type="checkbox"/> | 3 |

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- | | |
|--|---|
| <input type="checkbox"/> HUM2020 Introduction to Humanities●+* | 3 |
| <input type="checkbox"/> PHI2010 Introduction to Philosophy●+* | 3 |
| <input type="checkbox"/> PHI2600 Ethics+* | 3 |
| <input type="checkbox"/> REL2121 Intro. to Religion in America+* | 3 |
| <input type="checkbox"/> REL2300 Religions of the World+* | 3 |
| <input type="checkbox"/> | 3 |

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

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|--|---|
| <input type="checkbox"/> AML2010 Amer. Lit. through Civil War+* | 3 |
| <input type="checkbox"/> AML2020 Amer. Lit: Reconst.–Present+* | 3 |
| <input type="checkbox"/> ENG2111 Literature and Film+* | 3 |
| <input type="checkbox"/> ENL2012 Eng. Lit. through 18th Century+* | 3 |
| <input type="checkbox"/> ENL2022 Eng. Lit.: Romanticism to Present+* | 3 |
| <input type="checkbox"/> LIT2000 Literature and Culture●+* | 3 |
| <input type="checkbox"/> LIT2040 World Drama+* | 3 |
| <input type="checkbox"/> LIT2090 Contemporary Literature+* | 3 |
| <input type="checkbox"/> LIT2110 World Lit.: Ancient–Renaissance+* | 3 |
| <input type="checkbox"/> LIT2120 World Lit.: Enlightenment–Present+* | 3 |
| <input type="checkbox"/> | 3 |

Key

- = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Student's Name: _____

Student's ID Number: _____

Faculty Advisor: _____

Caleb Jordan

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (●).

- | | |
|---|---|
| <input type="checkbox"/> MGF1107 Survey of Mathematics+* | 3 |
| <input type="checkbox"/> MGF1130 Mathematical Thinking●+* | 3 |
| <input type="checkbox"/> STA2023 Statistics●+* | 3 |
| <input type="checkbox"/> STA2122 Statistical Applications+* | 4 |
| <input type="checkbox"/> MAC1105 College Algebra●+* | 3 |
| <input type="checkbox"/> MAC1114 Plane Trigonometry+* | 3 |
| <input type="checkbox"/> MAC1140 Pre-Calculus Algebra+* | 3 |
| <input type="checkbox"/> MAC2233 Business Calculus+* | 3 |
| <input type="checkbox"/> MAC2311 Calculus with Geometry I●+* | 4 |
| <input type="checkbox"/> MAC2312 Calculus with Geometry II+* | 4 |
| <input type="checkbox"/> MAC2313 Calculus with Geometry III+* | 4 |
| <input type="checkbox"/> MAP2302 Differential Equations+* | 3 |
| <input type="checkbox"/> | |

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (●).

Physical Sciences

- | | |
|---|---|
| <input type="checkbox"/> AST1002 Descriptive Astronomy● | 3 |
| <input type="checkbox"/> CHM1025 Intro. to General Chemistry+ | 3 |
| <input type="checkbox"/> CHM1032 General, Organic, Biochemistry+ | 3 |
| <input type="checkbox"/> CHM1045 General Chemistry●+ | 3 |
| <input type="checkbox"/> ESC2000 Earth & Space Science Survey● | 3 |
| <input type="checkbox"/> EVR1001 Intro. to Environmental Science● | 3 |
| <input type="checkbox"/> GLY1010 Physical Geology● | 3 |
| <input type="checkbox"/> GLY1032 Natural Disasters | 3 |
| <input type="checkbox"/> OCE1001 Fundamentals of Oceanography● | 3 |
| <input type="checkbox"/> PHY1020 Basic Concepts of Physics● | 3 |
| <input type="checkbox"/> PHY1023 Survey of General Physics+ | 3 |
| <input type="checkbox"/> PHY2048 University Physics I●+ | 4 |
| <input type="checkbox"/> PHY2053 College Physics I●+ | 3 |
| <input type="checkbox"/> | |

Biological Sciences

- | | |
|---|---|
| <input type="checkbox"/> BOT2800 Plants & Society | 3 |
| <input type="checkbox"/> BSC1005 General Biological Science● | 3 |
| <input type="checkbox"/> BSC1020 Human Biology | 3 |
| <input type="checkbox"/> BSC2010 Biology for Science Majors I●+ | 3 |
| <input type="checkbox"/> BSC2085 Anatomy & Physiology I●+ | 3 |
| <input type="checkbox"/> BSC2311 Introduction to Marine Biology | 3 |
| <input type="checkbox"/> | |

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (●).

Behavioral Sciences

- | | |
|--|---|
| <input type="checkbox"/> ANT2000 Introduction to Anthropology● | 3 |
| <input type="checkbox"/> ECO2013 Principles of Economics, Macro● | 3 |
| <input type="checkbox"/> PSY2012 General Psychology● | 3 |
| <input type="checkbox"/> GEA1000 World Regional Geography | 3 |
| <input type="checkbox"/> SYG2000 Principles of Sociology | 3 |

History

Global

- | | |
|--|---|
| <input type="checkbox"/> EUH1000 Western Civilization I | 3 |
| <input type="checkbox"/> EUH1001 Western Civilization II | 3 |
| <input type="checkbox"/> WOH2012 World History I | 3 |
| <input type="checkbox"/> WOH2022 World History II | 3 |

U.S.

- | | |
|---|---|
| <input type="checkbox"/> AMH2010 United States History I●@ | 3 |
| <input type="checkbox"/> AMH2020 United States History II●@ | 3 |
| <input type="checkbox"/> | |

Government

Global

- | | |
|---|---|
| <input type="checkbox"/> CPO2002 Comparative Government | 3 |
|---|---|

U.S.

- | | |
|--|---|
| <input type="checkbox"/> POS2041 American Nat'l Government●@ | 3 |
| <input type="checkbox"/> POS2112 State & Local Government | 3 |

AA or AS Technical Requirements (42 Credits)

- | | |
|---|---|
| <input type="checkbox"/> CGS1103 Proj. Man. Concepts & Processes | 3 |
| <input type="checkbox"/> CGS2069 Social Media Marketing | 3 |
| <input type="checkbox"/> DIG2100 Web Design I | 3 |
| <input type="checkbox"/> DIG2251 Sound for Digital Media | 3 |
| <input type="checkbox"/> COP1000 Intro. to Programming Logic | 3 |
| <input type="checkbox"/> COP2700 Data Structures (SQL) | 3 |
| <input type="checkbox"/> COP2840 Internet Programming | 3 |
| <input type="checkbox"/> GRA2156 Comp. Graphics Digital Designers I | 3 |

Electives (18 hours)

- | | |
|--------------------------|-------|
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |
| <input type="checkbox"/> | _____ |

Digital Media Foundation/Core (27 Credits)

- | | |
|--|---|
| <input type="checkbox"/> GEB3213 Bus. Comm. Profess. Effectiveness | 3 |
| <input type="checkbox"/> CGS3092 Legal and Ethical Issues+ | 3 |
| <input type="checkbox"/> ISM4318 Agile Project Management+ | 3 |
| <input type="checkbox"/> DIG3543 Media Planning+ | 3 |
| <input type="checkbox"/> DIG4433 Visual Development+ | 3 |
| <input type="checkbox"/> DIG4153 Writing for Digital Media+ | 3 |
| <input type="checkbox"/> DIG4564 Content Management Systems+ | 3 |
| <input type="checkbox"/> DIG3588 Digital Capstone+ | 3 |
| <input type="checkbox"/> DIG3811 User-Centered Design | 3 |

Web Development Specialization (15 Credits)

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|--|---|
| <input type="checkbox"/> COP3834 Dev. Websites using PHP w/MySQL+ | 3 |
| <input type="checkbox"/> COP3855 Adv. Web Animation (JQUERY)+ | 3 |
| <input type="checkbox"/> ISM4548 Web Analytics+ | 3 |
| <input type="checkbox"/> DIG3512 Digital Optimization & Analytics+ | 3 |
| <input type="checkbox"/> DIG3716 Interface Design+ | 3 |

Other Requirements

- ☐ **General Education Core Requirement**
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

- ☐ **Civic Literacy Requirement (@)**
Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

- ☐ **Foreign Language Requirement**
Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language