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

2025 - 2026

Student's Name: _____

Student's ID Number: _____

Faculty Advisor: *Caleb Jordan*

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)

- ☐ ENC1101 English Composition I●+* 3
- ☐ ENC1101C Enhanced English Comp. I●+* 4
- ☐ ENC1102 English Composition II+* 3
- ☐ _____

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

- ☐ ARH2000 Understanding Visual Arts● 3
- ☐ ARH2050 Art History I 3
- ☐ ARH2051 Art History II 3
- ☐ ARH2060 History of Architecture 3
- ☐ MUL2010 Understanding Music● 3
- ☐ MUL2110 Survey of Music Literature 3
- ☐ THE2000 Understanding Theater● 3
- ☐ _____ 3

Humanities 2–Philosophy/Religion

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

- ☐ HUM2020 Introduction to Humanities●+* 3
- ☐ PHI2010 Introduction to Philosophy●+* 3
- ☐ PHI2600 Ethics+* 3
- ☐ REL2121 Intro. to Religion in America+* 3
- ☐ REL2300 Religions of the World+* 3
- ☐ _____ 3

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

- ☐ AML2010 Amer. Lit. through Civil War+* 3
- ☐ AML2020 Amer. Lit: Reconst.–Present+* 3
- ☐ ENG2111 Literature and Film+* 3
- ☐ ENL2012 Eng. Lit. through 18th Century+* 3
- ☐ ENL2022 Eng. Lit.: Romantics to Present+* 3
- ☐ LIT2000 Literature and Culture●+* 3
- ☐ LIT2040 World Drama+* 3
- ☐ LIT2090 Contemporary Literature+* 3
- ☐ LIT2110 World Lit.: Ancient–Renaissance+* 3
- ☐ LIT2120 World Lit.: Enlightenment–Present+* 3
- ☐ _____ 3

Key

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

Mathematics (6 credits)

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

- ☐ MGF1107 Survey of Mathematics+* 3
- ☐ MGF1130 Mathematical Thinking●+* 3
- ☐ STA2023 Statistics●+* 3
- ☐ STA2122 Statistical Applications+* 4
- ☐ MAC1105 College Algebra●+* 3
- ☐ MAC1114 Plane Trigonometry+* 3
- ☐ MAC1140 Pre-Calculus Algebra+ * 3
- ☐ MAC2233 Business Calculus+* 3
- ☐ MAC2311 Calculus with Geometry I●+* 4
- ☐ MAC2312 Calculus with Geometry II+* 4
- ☐ MAC2313 Calculus with Geometry III+* 4
- ☐ MAP2302 Differential Equations+* 3
- ☐ _____

Natural Sciences (6 credits)

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

Physical Sciences

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

Biological Sciences

- ☐ BOT2800 Plants & Society 3
- ☐ BSC1005 General Biological Science● 3
- ☐ BSC1020 Human Biology 3
- ☐ BSC2010 Biology for Science Majors I●+ 3
- ☐ BSC2085 Anatomy & Physiology I●+ 3
- ☐ BSC2311 Introduction to Marine Biology 3
- ☐ _____

Social Sciences (9 credits)

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

Behavioral Sciences

- ☐ ANT2000 Introduction to Anthropology● 3
- ☐ ECO2013 Principles of Economics, Macro● 3
- ☐ PSY2012 General Psychology● 3
- ☐ GEA1000 World Regional Geography 3
- ☐ SYG2000 Principles of Sociology 3

History

Global

- ☐ EUH1000 Western Civilization I 3
- ☐ EUH1001 Western Civilization II 3
- ☐ WOH2012 World History I 3
- ☐ WOH2022 World History II 3

U.S.

- ☐ AMH2010 United States History I●@ 3
- ☐ AMH2020 United States History II●@ 3
- ☐ _____

Government

Global

- ☐ CPO2002 Comparative Government 3

U.S.

- ☐ POS2041 American Nat'l Government●@ 3
- ☐ POS2112 State & Local Government 3

AA or AS Technical Requirements (42 Credits)

- ☐ CGS1103 Proj. Man. Concepts & Processes 3
- ☐ CGS2069 Social Media Marketing 3
- ☐ DIG2100 Web Design I 3
- ☐ DIG2251 Sound for Digital Media 3
- ☐ COP1000 Intro. to Programming Logic 3
- ☐ COP2700 Data Structures (SQL) 3
- ☐ COP2840 Internet Programming 3
- ☐ GRA2156 Comp. Graphics Digital Designers I 3

Electives (18 hours)

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Digital Media Foundation/Core (27 Credits)

- ☐ GEB3213 Bus. Comm. Profess. Effectiveness 3
- ☐ CGS3092 Legal and Ethical Issues+ 3
- ☐ ISM4318 Agile Project Management+ 3
- ☐ DIG3543 Media Planning+ 3
- ☐ DIG4433 Visual Development+ 3
- ☐ DIG4153 Writing for Digital Media+ 3
- ☐ DIG4564 Content Management Systems+ 3
- ☐ DIG3588 Digital Capstone+ 3
- ☐ DIG3811 User-Centered Design 3

Web Development Specialization (15 Credits)

- ☐ COP3834 Dev. Websites using PHP w/MySQL+ 3
- ☐ COP3855 Adv. Web Animation (JQUERY)+ 3
- ☐ ISM4548 Web Analytics+ 3
- ☐ DIG3512 Digital Optimization & Analytics+ 3
- ☐ 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